

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071797.D
 Acq On : 02 Apr 2022 14:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 04 01:04:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	550609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	848315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	809639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	322899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	330564	52.589	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.180%	
35) Dibromofluoromethane	8.016	113	277144	55.519	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.040%	
50) Toluene-d8	10.439	98	1144388	56.041	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 112.080%	
62) 4-Bromofluorobenzene	12.727	95	382041	57.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	220129	50.288	ug/l	98
3) Chloromethane	2.299	50	251327	45.309	ug/l	97
4) Vinyl Chloride	2.440	62	282955	46.451	ug/l	99
5) Bromomethane	2.822	94	156228	39.453	ug/l	100
6) Chloroethane	2.993	64	184290	42.055	ug/l	97
7) Trichlorofluoromethane	3.363	101	382792	49.392	ug/l	99
8) Diethyl Ether	3.822	74	175346	53.536	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.204	101	247145	51.749	ug/l	99
10) Methyl Iodide	4.422	142	319280	47.825	ug/l	99
11) Tert butyl alcohol	5.369	59	283673	278.087	ug/l	99
12) 1,1-Dichloroethene	4.175	96	228905	50.367	ug/l	94
13) Acrolein	4.034	56	410367	329.931	ug/l	99
14) Allyl chloride	4.840	41	391150	53.026	ug/l	95
15) Acrylonitrile	5.545	53	830468	280.085	ug/l	99
16) Acetone	4.281	43	805907	300.001	ug/l	96
17) Carbon Disulfide	4.528	76	478109	45.850	ug/l	99
18) Methyl Acetate	4.845	43	360631	54.343	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	916699	54.294	ug/l	98
20) Methylene Chloride	5.092	84	290224	51.257	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	247992	49.706	ug/l	100
22) Diisopropyl ether	6.492	45	884849	55.101	ug/l	96
23) Vinyl Acetate	6.428	43	3695786	289.408	ug/l	100
24) 1,1-Dichloroethane	6.381	63	504597	53.525	ug/l	99
25) 2-Butanone	7.328	43	1119849	289.165	ug/l	98
26) 2,2-Dichloropropane	7.322	77	427274	52.759	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	325017	53.124	ug/l	99
28) Bromochloromethane	7.657	49	182081	47.880	ug/l	100
29) Tetrahydrofuran	7.681	42	683213	272.455	ug/l	99
30) Chloroform	7.810	83	527646	53.007	ug/l	96
31) Cyclohexane	8.092	56	415999	48.664	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	441320	51.823	ug/l	99
36) 1,1-Dichloropropene	8.216	75	366878	52.630	ug/l	100
37) Ethyl Acetate	7.404	43	418524	54.853	ug/l	99
38) Carbon Tetrachloride	8.204	117	367936	53.856	ug/l	98
39) Methylcyclohexane	9.457	83	460730	55.523	ug/l	100
40) Benzene	8.457	78	1180353	53.602	ug/l	100

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Quant Time: Apr 04 01:04:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	203332	54.426	ug/l	98
42) 1,2-Dichloroethane	8.528	62	401440	52.700	ug/l	98
43) Isopropyl Acetate	8.557	43	649631	51.189	ug/l	98
44) Trichloroethene	9.210	130	302976	53.405	ug/l	93
45) 1,2-Dichloropropane	9.486	63	305612	55.554	ug/l	98
46) Dibromomethane	9.575	93	202266	54.152	ug/l	99
47) Bromodichloromethane	9.757	83	416021	56.582	ug/l	98
48) Methyl methacrylate	9.557	41	322129	61.181	ug/l	97
49) 1,4-Dioxane	9.563	88	135588	1086.673	ug/l	100
51) 4-Methyl-2-Pentanone	10.327	43	2195282	300.866	ug/l	99
52) Toluene	10.504	92	782670	56.226	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	460871	59.808	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	503083	59.087	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	321659	56.147	ug/l	99
56) Ethyl methacrylate	10.757	69	518846	63.486	ug/l	96
57) 1,3-Dichloropropane	11.039	76	536551	56.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	536964	215.897	ug/l	100
59) 2-Hexanone	11.080	43	1555247	302.745	ug/l	97
60) Dibromochloromethane	11.233	129	332466	59.517	ug/l	100
61) 1,2-Dibromoethane	11.339	107	322206	57.136	ug/l	99
64) Tetrachloroethene	10.974	164	270706	50.634	ug/l	99
65) Chlorobenzene	11.768	112	866838	53.469	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	315060	53.857	ug/l	99
67) Ethyl Benzene	11.839	91	1517783	55.304	ug/l	100
68) m/p-Xylenes	11.951	106	1171571	111.104	ug/l	100
69) o-Xylene	12.274	106	581780	55.585	ug/l	100
70) Styrene	12.292	104	938782	59.199	ug/l	100
71) Bromoform	12.457	173	252698	56.724	ug/l #	99
73) Isopropylbenzene	12.574	105	1511473	55.549	ug/l	100
74) N-amyl acetate	12.386	43	445442	57.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	454423	50.054	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	353452m	47.252	ug/l	
77) Bromobenzene	12.857	156	351109	51.474	ug/l	99
78) n-propylbenzene	12.915	91	1670765	58.373	ug/l	99
79) 2-Chlorotoluene	13.004	91	991113	53.994	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1207084	55.991	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	133593	55.346	ug/l	99
82) 4-Chlorotoluene	13.098	91	939736	55.232	ug/l	99
83) tert-Butylbenzene	13.321	119	1079154	54.760	ug/l	100
84) 1,2,4-Trimethylbenzene	13.362	105	1186675	56.415	ug/l	100
85) sec-Butylbenzene	13.498	105	1488376	58.261	ug/l	99
86) p-Isopropyltoluene	13.610	119	1203852	59.102	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	577796	53.170	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	557724	52.607	ug/l	99
89) n-Butylbenzene	13.939	91	912406	60.394	ug/l	100
90) Hexachloroethane	14.204	117	213337	57.215	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	554980	52.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	78806	55.962	ug/l	100
93) 1,2,4-Trichlorobenzene	15.256	180	274051	53.190	ug/l	99
94) Hexachlorobutadiene	15.362	225	161378	51.289	ug/l	98
95) Naphthalene	15.504	128	763197	51.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	270513	54.131	ug/l	100

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ClientSampleId :
VSTDCCC050

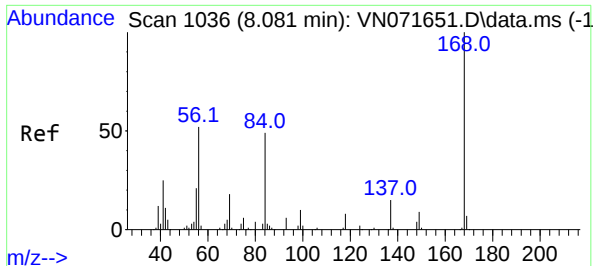
Manual Integrations
APPROVED

Reviewed By : John Carlone 04/04/2022
Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 04 01:04:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

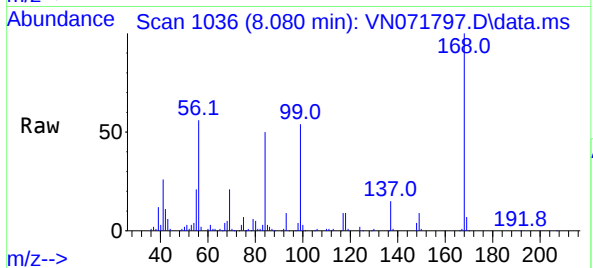
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071797.D
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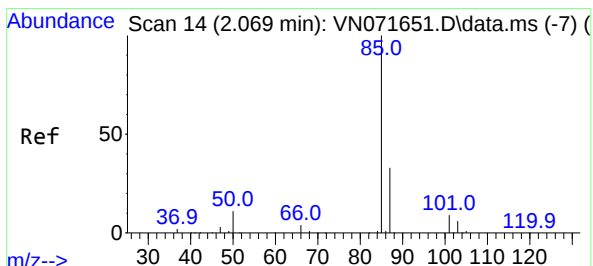
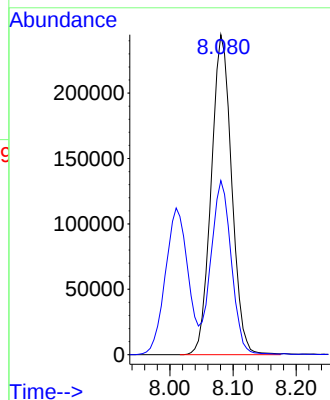
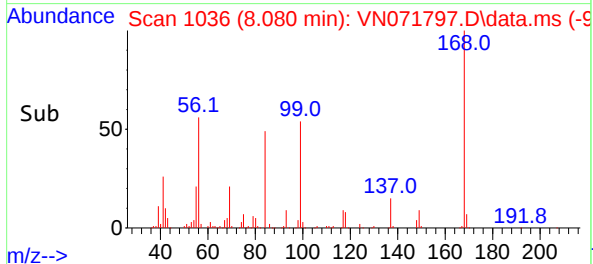
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 550609
Ion Ratio Lower Upper
168 100
99 54.2 42.3 63.5

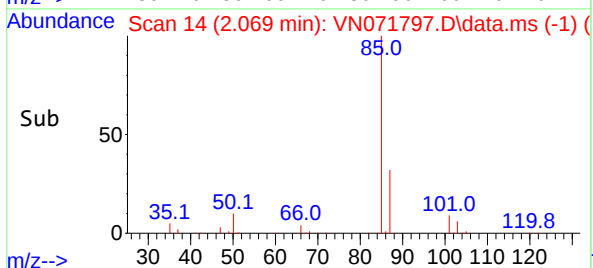
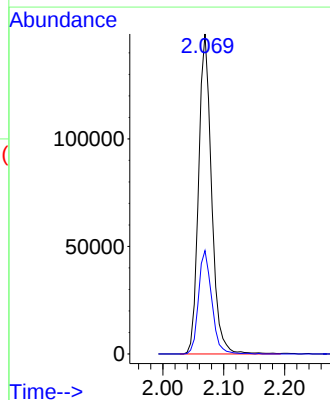
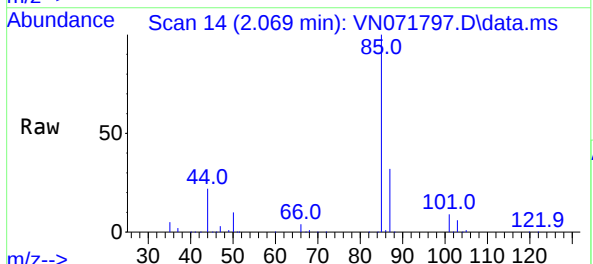
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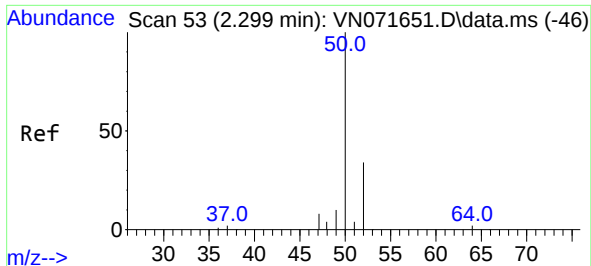
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



Dichlorodifluoromethane
Concen: 50.288 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 85 Resp: 220129
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





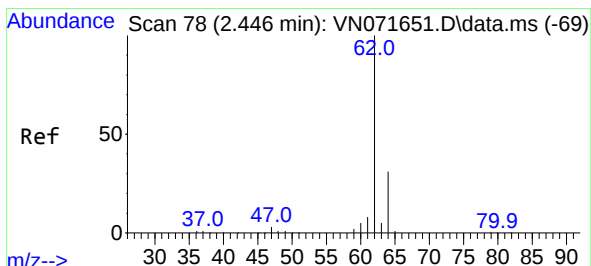
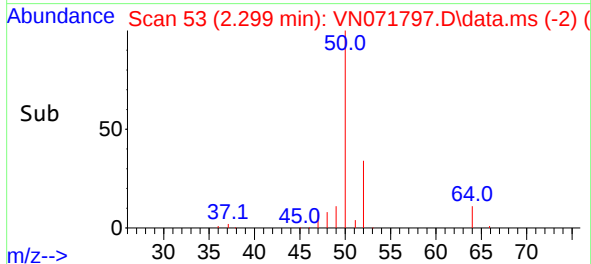
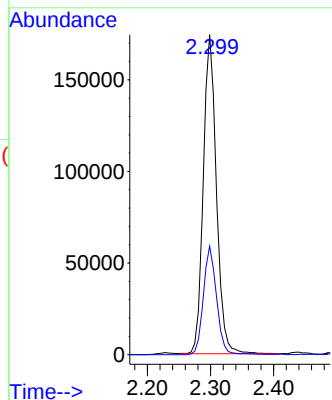
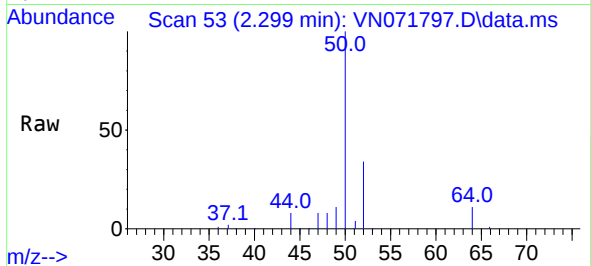
#3
Chloromethane
Concen: 45.309 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :
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Tgt Ion: 50 Resp: 25132
Ion Ratio Lower Upper
50 100
52 34.0 25.7 38.5

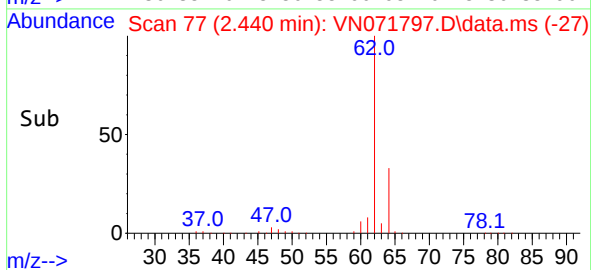
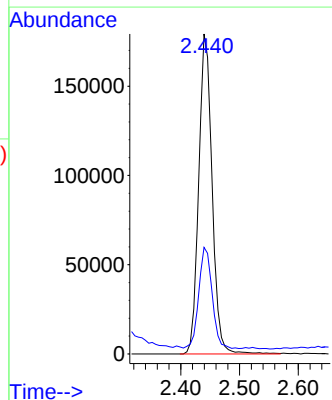
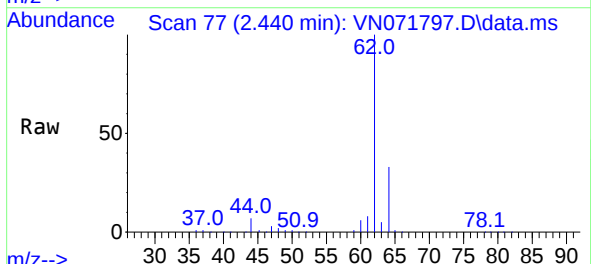
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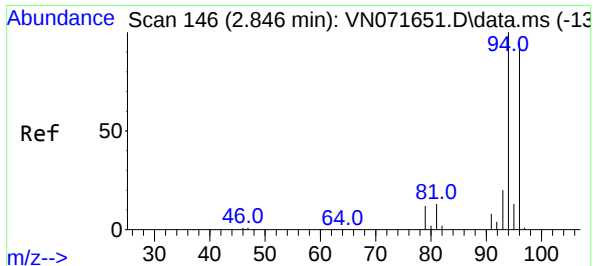
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#4
Vinyl Chloride
Concen: 46.451 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

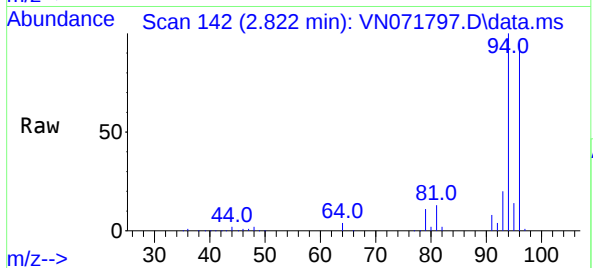
Tgt Ion: 62 Resp: 282955
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.4





#5
Bromomethane
Concen: 39.453 ug/l
RT: 2.822 min Scan# 146
Delta R.T. -0.024 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

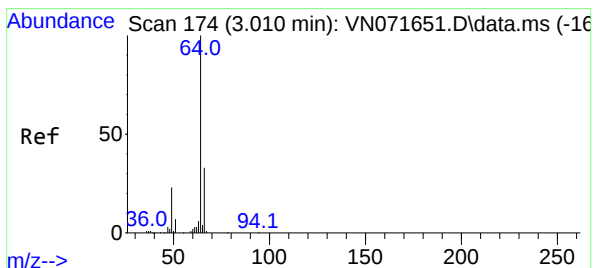
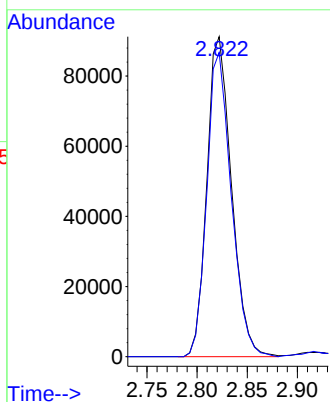
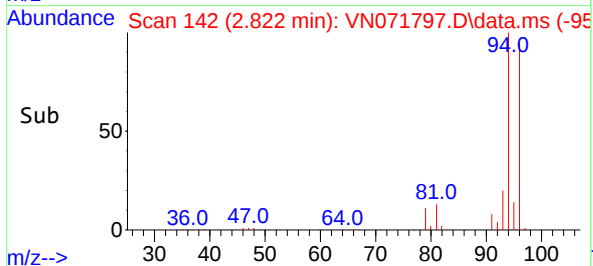
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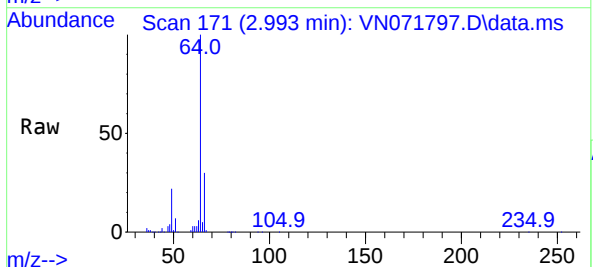
Tgt Ion: 94 Resp: 156228
Ion Ratio Lower Upper
94 100
96 95.1 76.0 114.0

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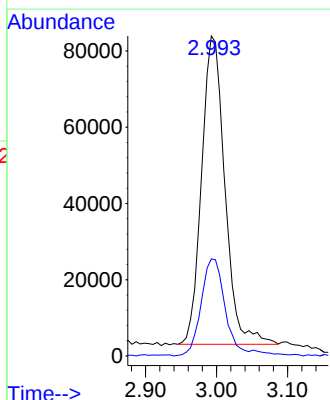
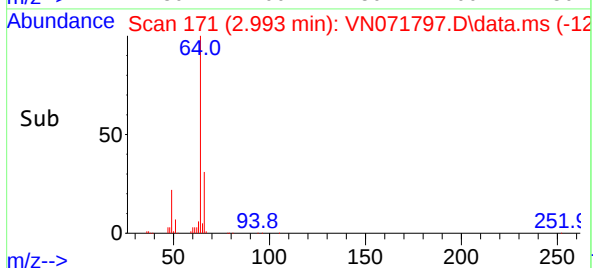
Reviewed By :John Carlone 04/04/2022
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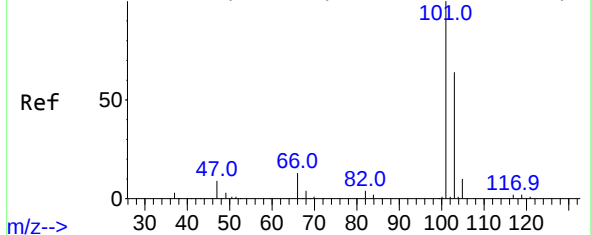
#6
Chloroethane
Concen: 42.055 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.017 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion: 64 Resp: 184290
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 49.392 ug/l

RT: 3.363 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN071797.D

Acq: 02 Apr 2022 14:46

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 382792

Ion Ratio Lower Upper

101 100

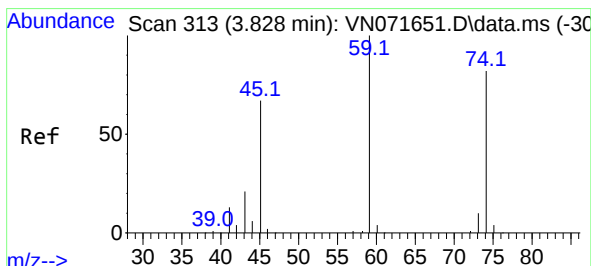
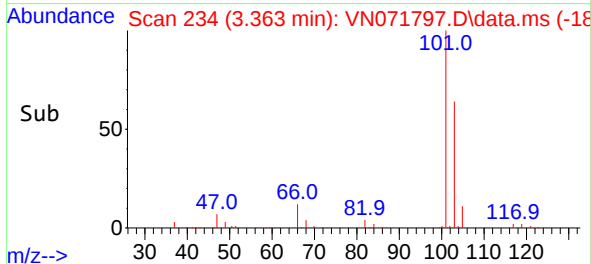
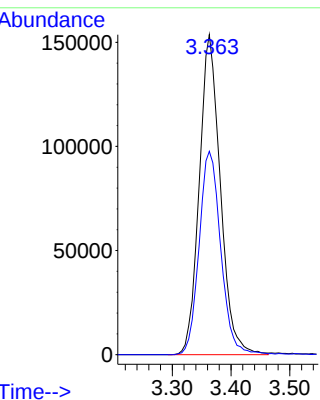
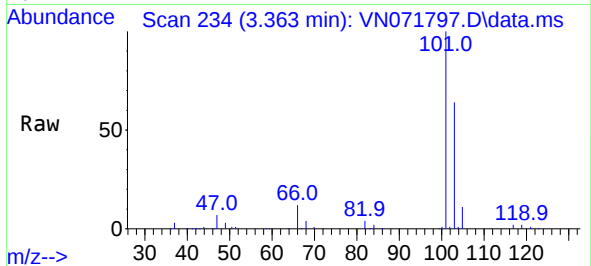
103 63.6 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#8

Diethyl Ether

Concen: 53.536 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071797.D

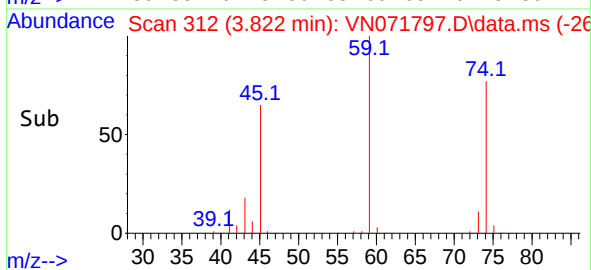
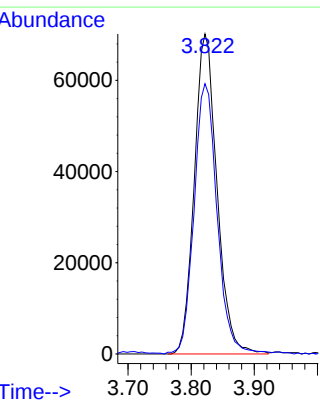
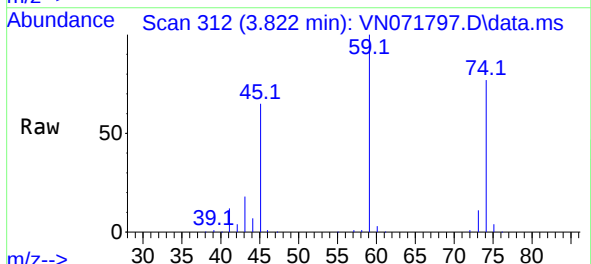
Acq: 02 Apr 2022 14:46

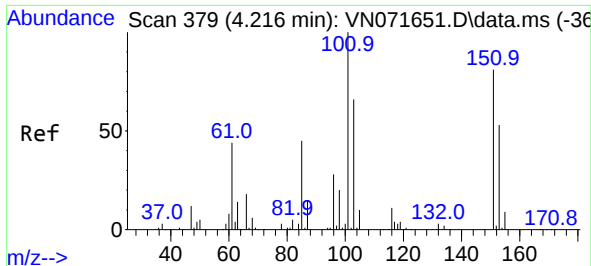
Tgt Ion: 74 Resp: 175346

Ion Ratio Lower Upper

74 100

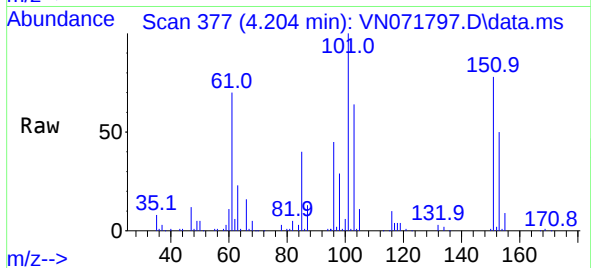
45 85.6 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.749 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

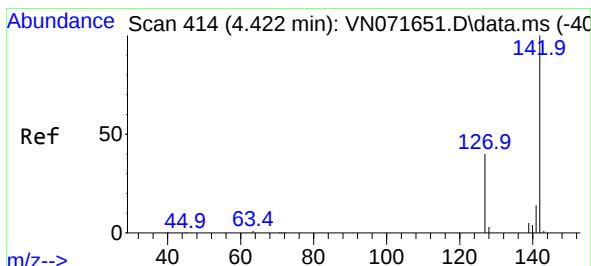
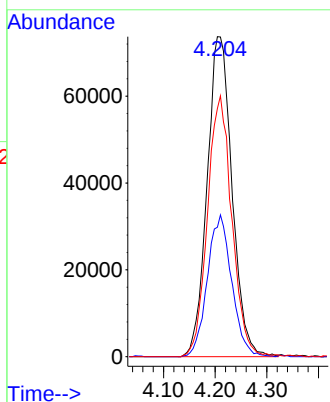
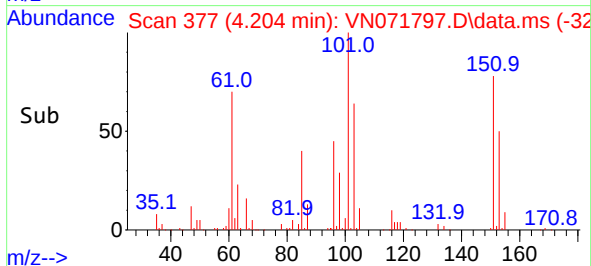
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



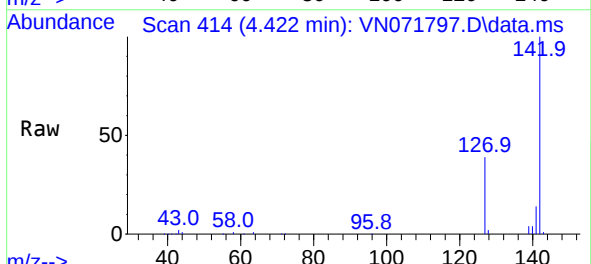
Tgt Ion:101 Resp: 24714
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 79.7 63.0 94.4

Manual Integrations
APPROVED

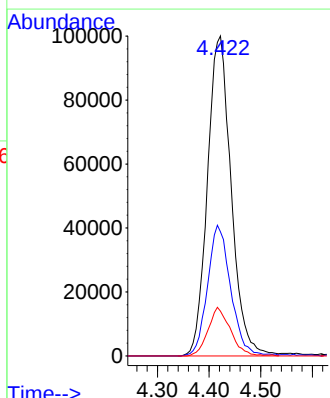
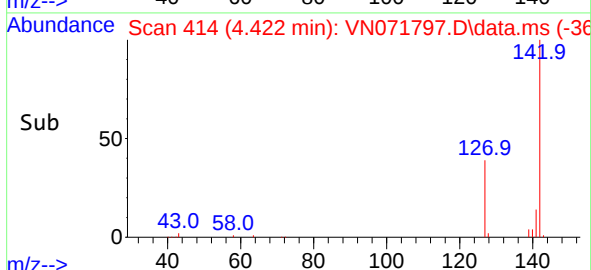
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

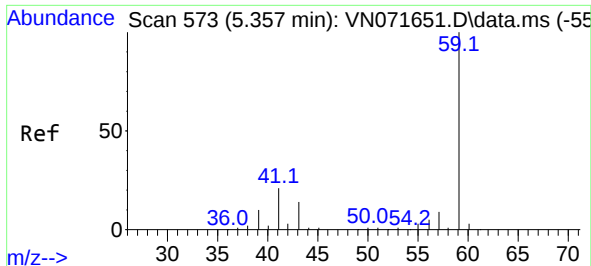


#10
Methyl Iodide
Concen: 47.825 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



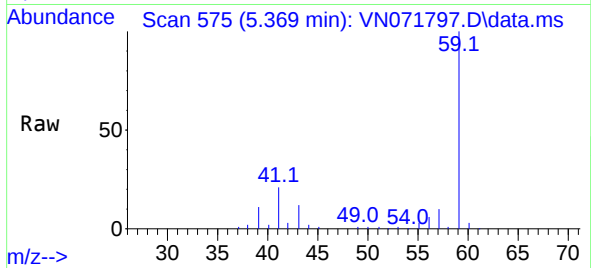
Tgt Ion:142 Resp: 319280
Ion Ratio Lower Upper
142 100
127 39.8 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 278.087 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

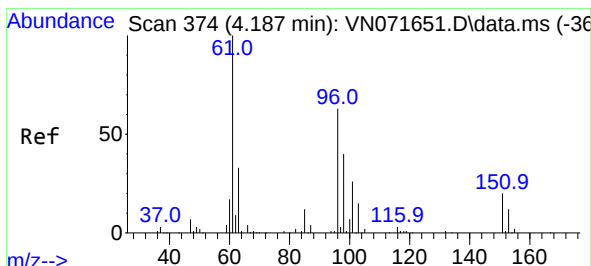
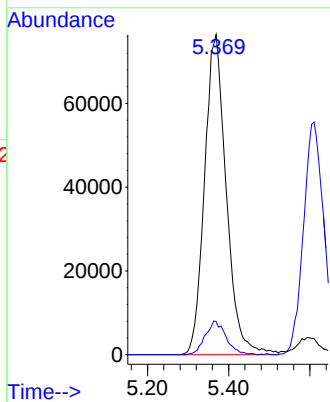
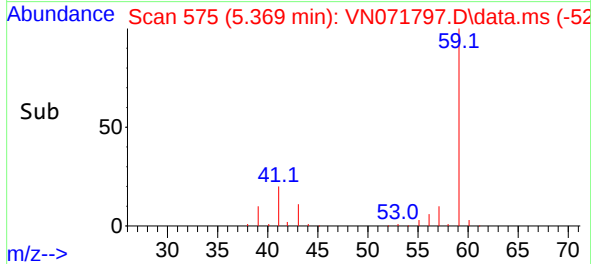
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



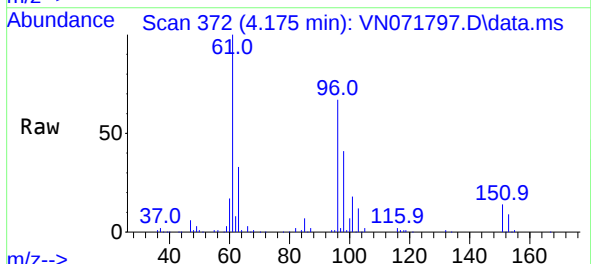
Tgt Ion: 59 Resp: 28367
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

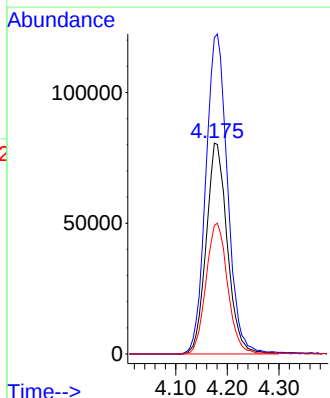
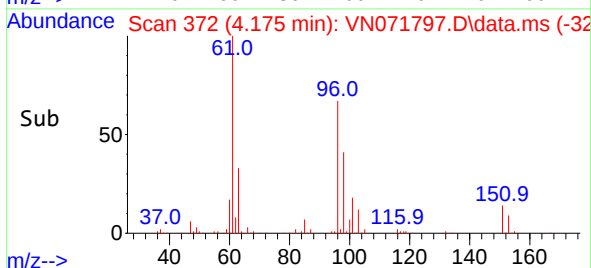
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

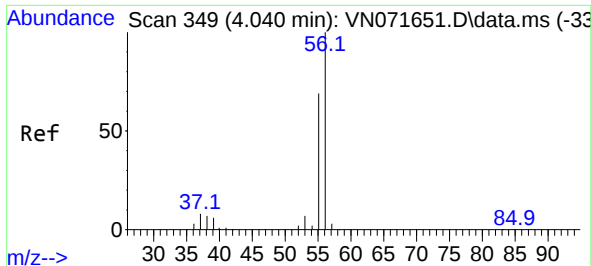


#12
1,1-Dichloroethene
Concen: 50.367 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



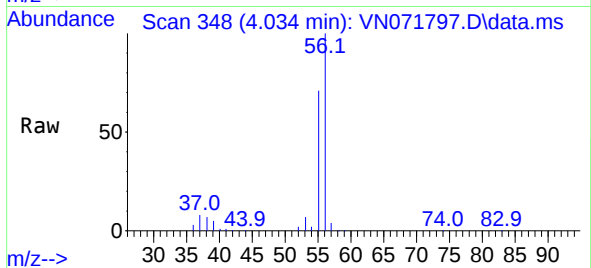
Tgt Ion: 96 Resp: 228905
Ion Ratio Lower Upper
96 100
61 150.1 127.6 191.4
98 61.1 51.2 76.8





#13
Acrolein
Concen: 329.931 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

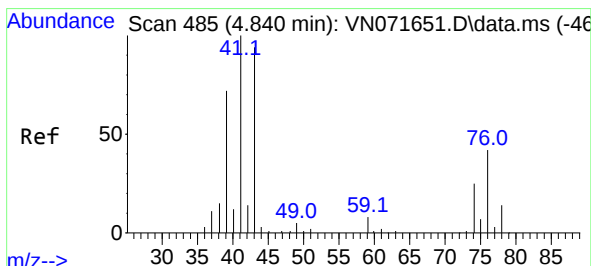
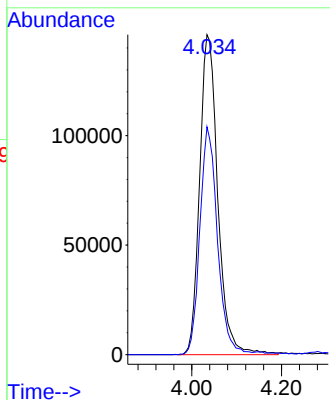
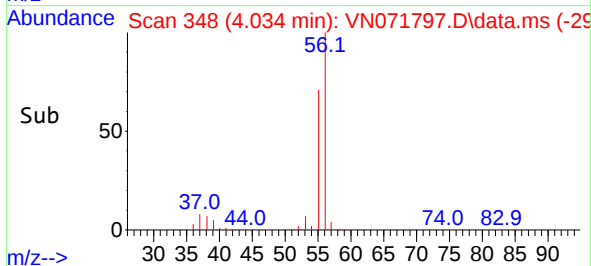
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



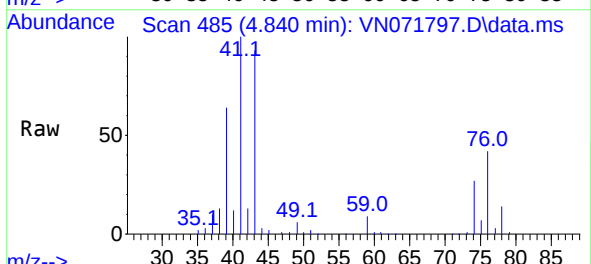
Tgt Ion: 56 Resp: 41036
Ion Ratio Lower Upper
56 100
55 68.9 54.8 82.2

Manual Integrations
APPROVED

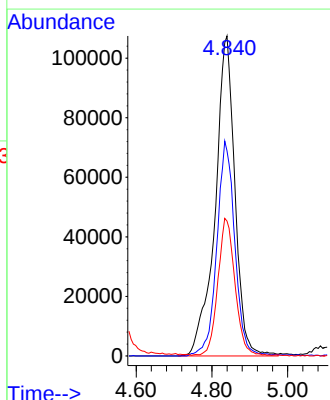
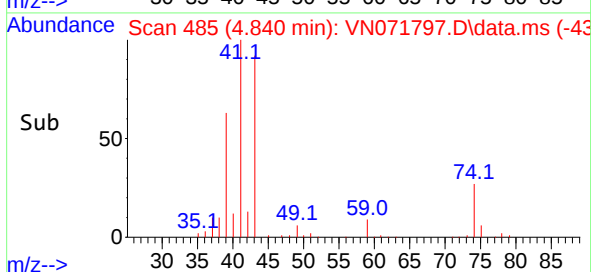
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

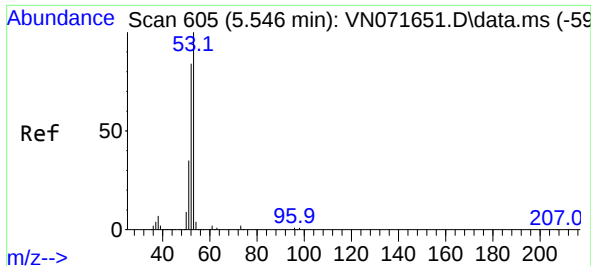


#14
Allyl chloride
Concen: 53.026 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



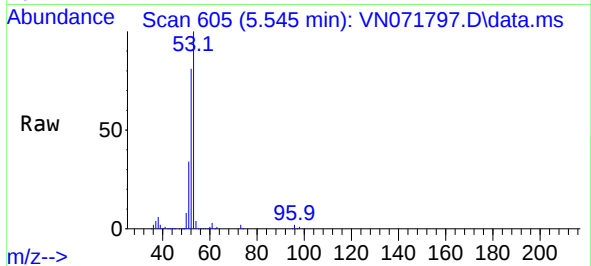
Tgt Ion: 41 Resp: 391150
Ion Ratio Lower Upper
41 100
39 60.9 53.2 79.8
76 36.8 29.9 44.9





#15
Acrylonitrile
Concen: 280.085 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

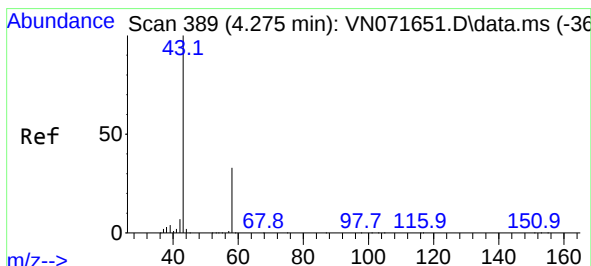
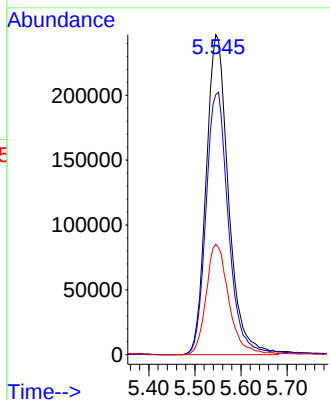
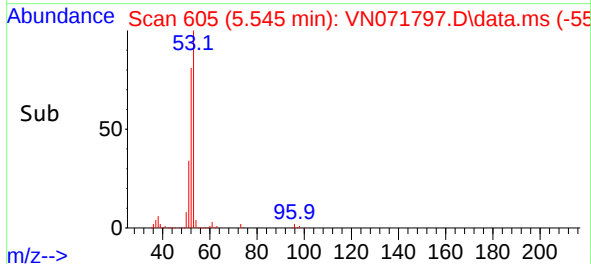
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



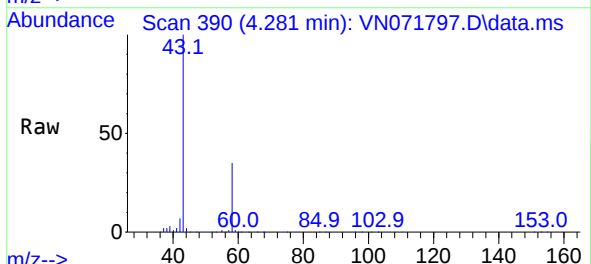
Tgt Ion: 53 Resp: 830468
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.3 28.5 42.7

Manual Integrations
APPROVED

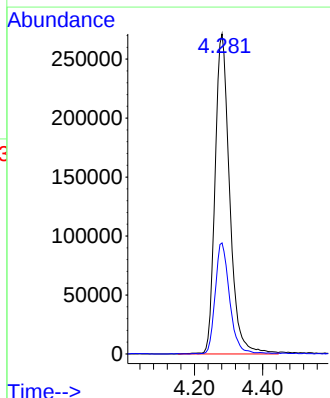
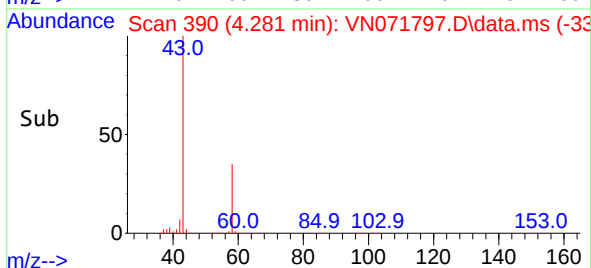
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

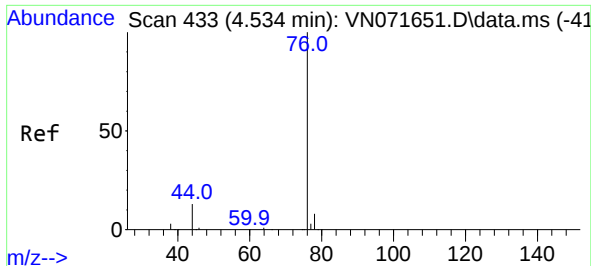


#16
Acetone
Concen: 300.001 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion: 43 Resp: 805907
Ion Ratio Lower Upper
43 100
58 34.6 26.0 39.0





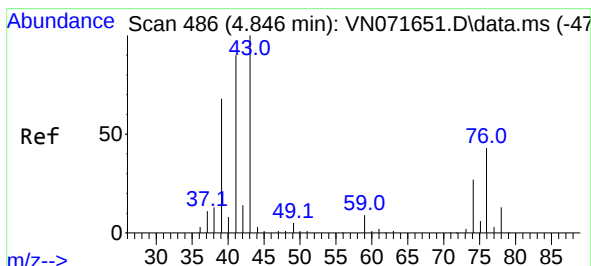
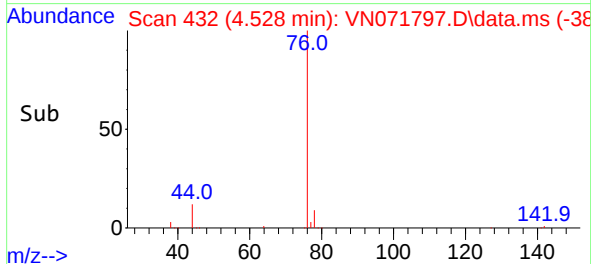
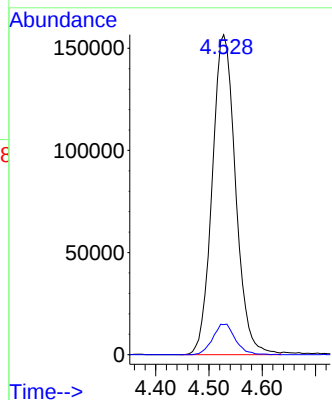
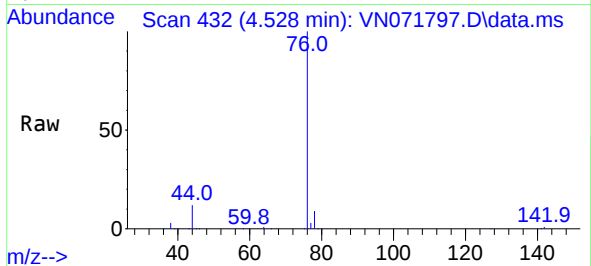
#17
Carbon Disulfide
Concen: 45.850 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 478109
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

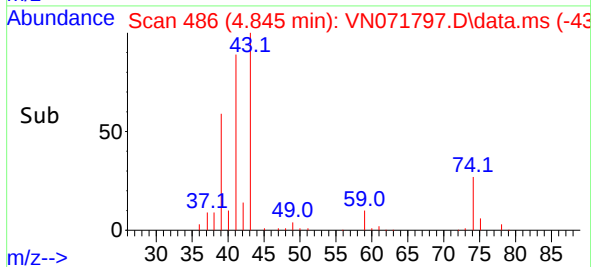
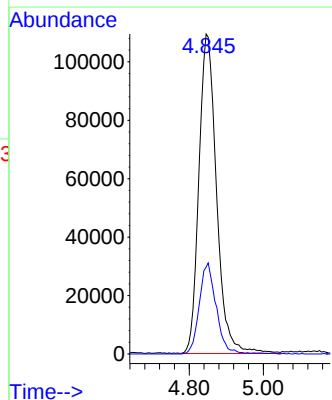
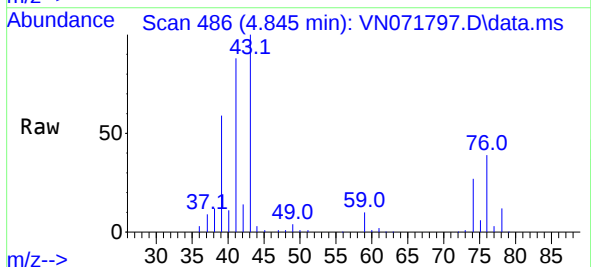
Manual Integrations
APPROVED

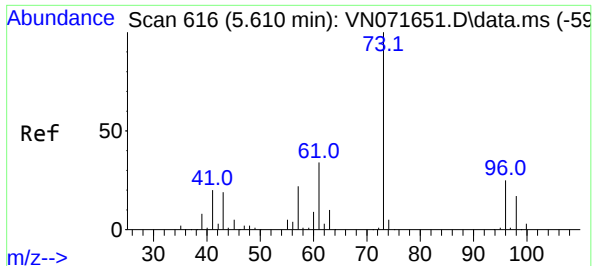
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#18
Methyl Acetate
Concen: 54.343 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

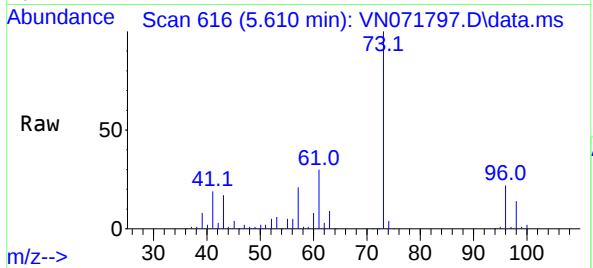
Tgt Ion: 43 Resp: 360631
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 54.294 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

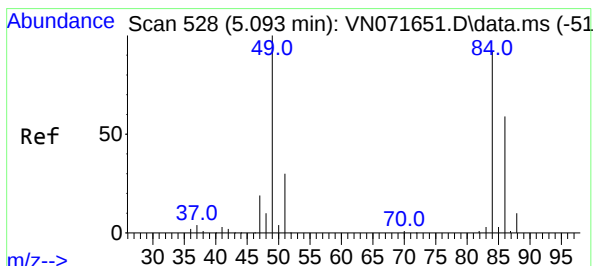
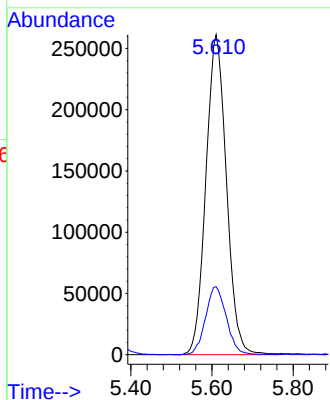
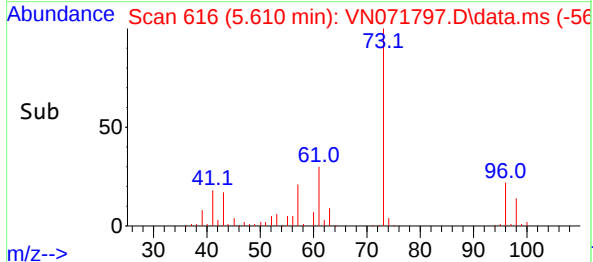
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



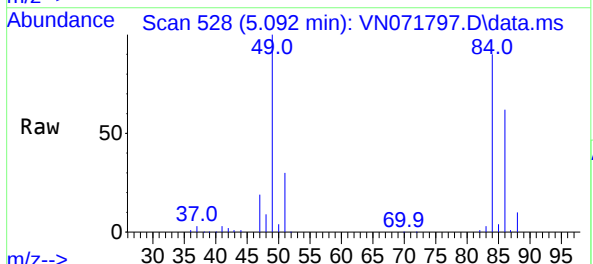
Tgt Ion: 73 Resp: 91669
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

Manual Integrations
APPROVED

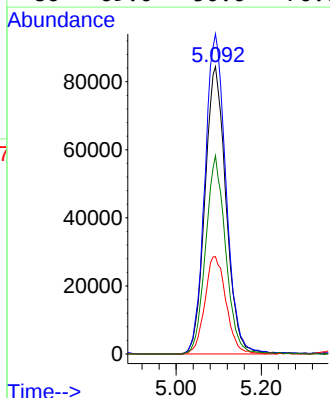
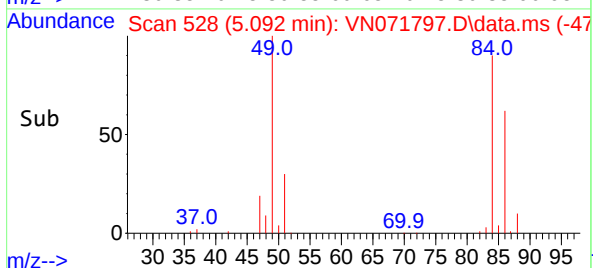
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

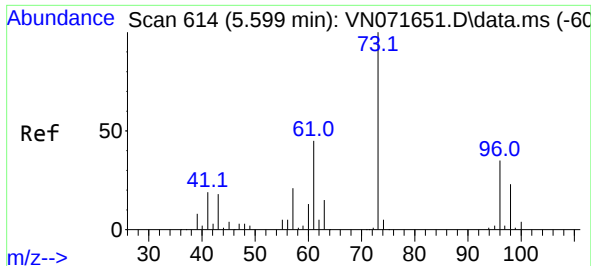


#20
Methylene Chloride
Concen: 51.257 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



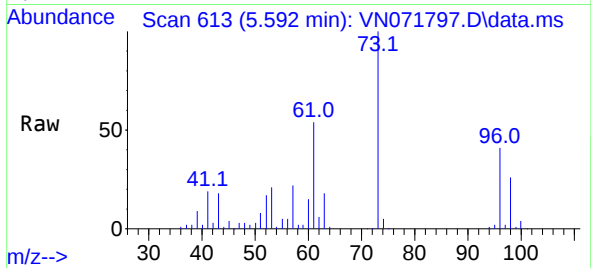
Tgt Ion: 84 Resp: 290224
Ion Ratio Lower Upper
84 100
49 111.4 88.3 132.5
51 33.8 28.2 42.2
86 69.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.706 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

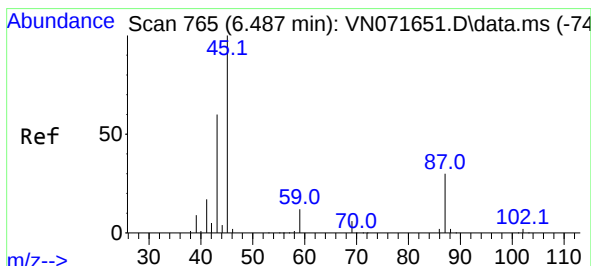
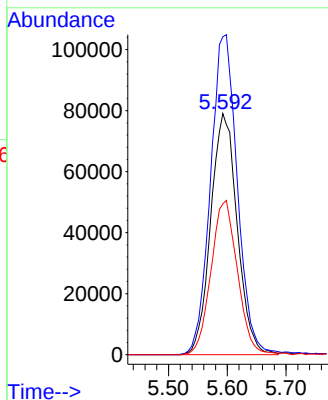
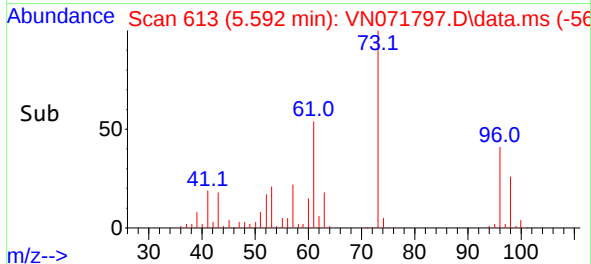
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



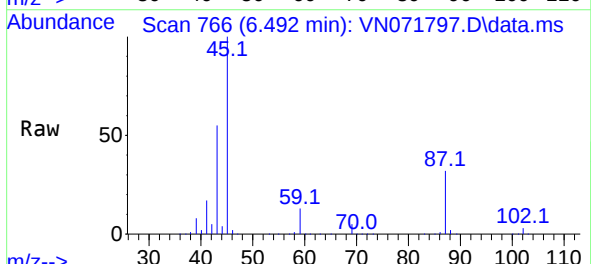
Tgt Ion: 96 Resp: 247992
Ion Ratio Lower Upper
96 100
61 131.9 105.8 158.8
98 62.6 50.3 75.5

Manual Integrations
APPROVED

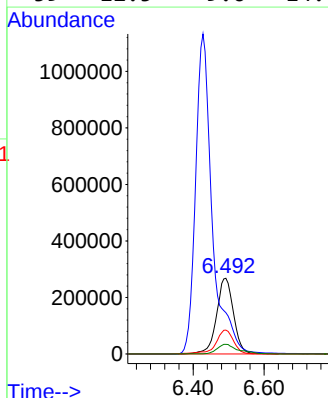
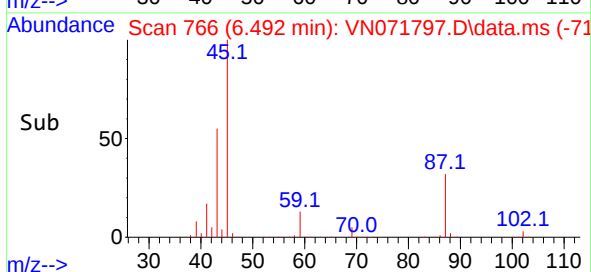
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

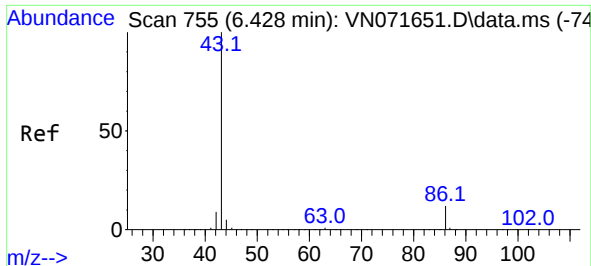


#22
Diisopropyl ether
Concen: 55.101 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion: 45 Resp: 884849
Ion Ratio Lower Upper
45 100
43 54.4 46.6 70.0
87 31.4 24.3 36.5
59 12.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 289.408 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VN071797.D
 Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

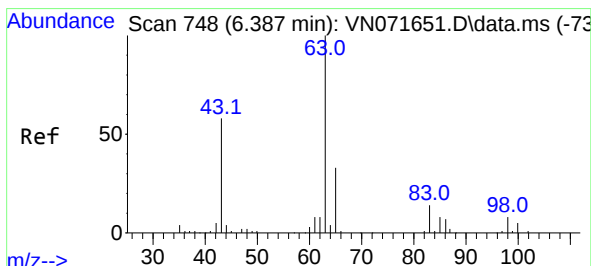
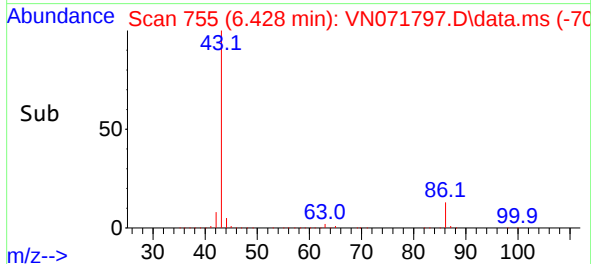
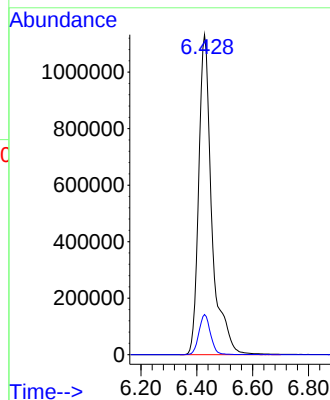
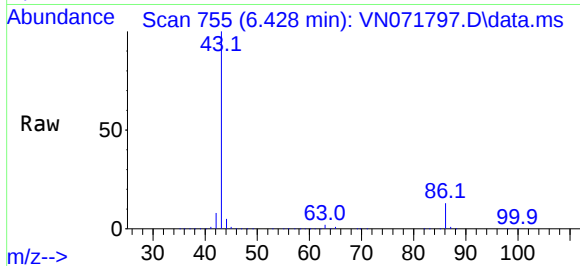
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 369578
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0

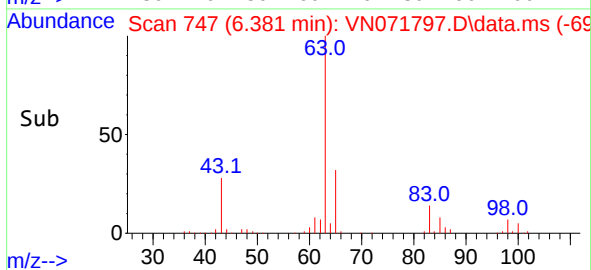
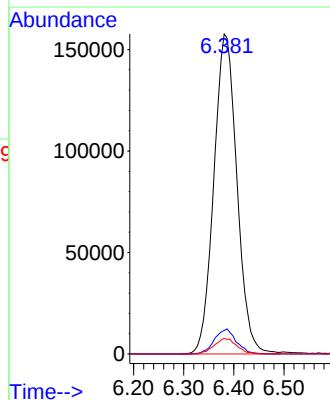
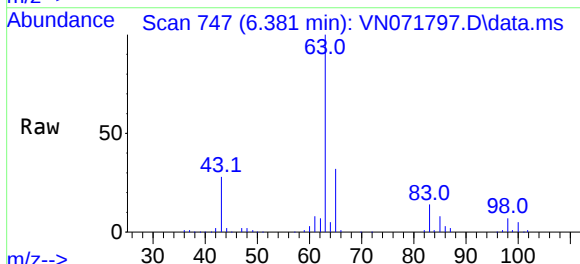
Manual Integrations
 APPROVED

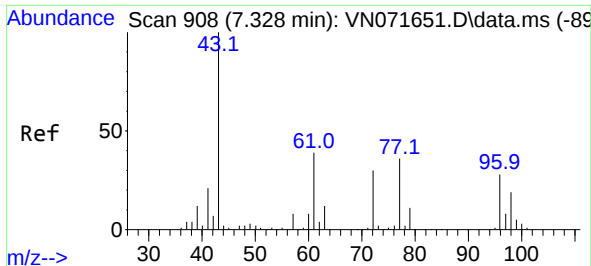
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022



#24
 1,1-Dichloroethane
 Concen: 53.525 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071797.D
 Acq: 02 Apr 2022 14:46

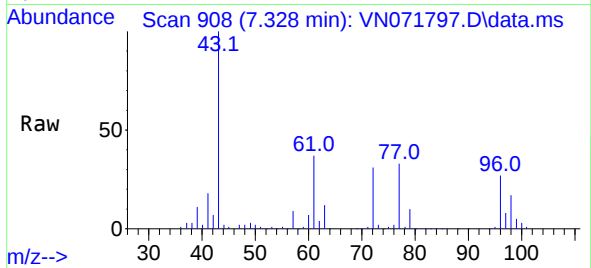
Tgt Ion: 63 Resp: 504597
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 289.165 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

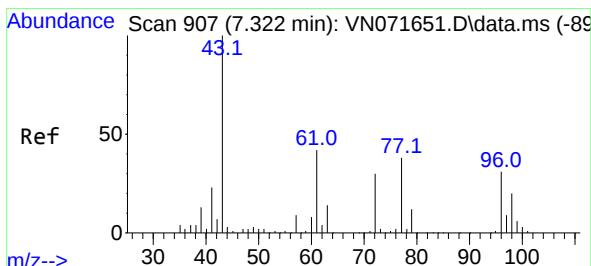
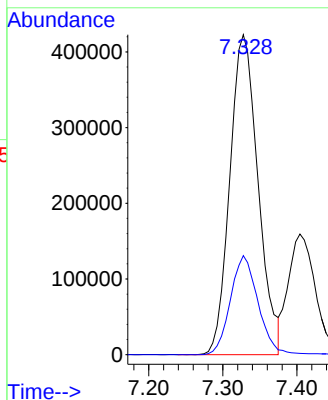
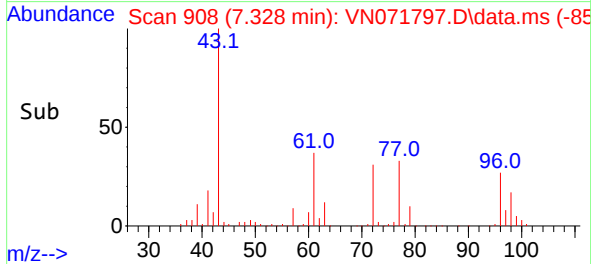
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



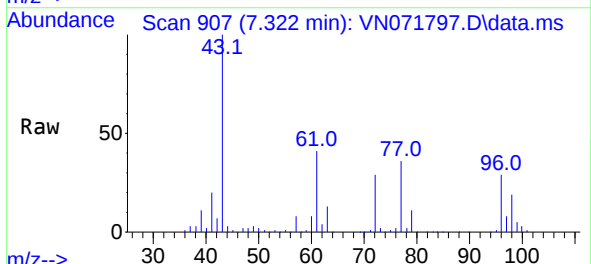
Tgt Ion: 43 Resp: 1119849
Ion Ratio Lower Upper
43 100
72 30.9 23.7 35.5

Manual Integrations
APPROVED

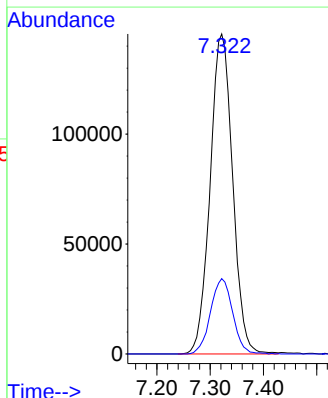
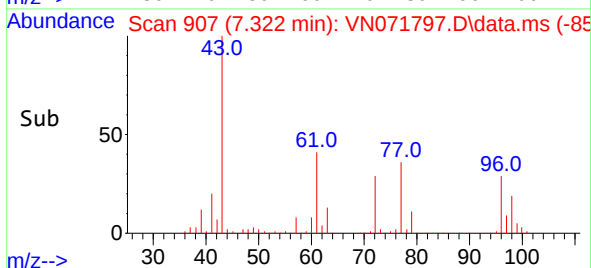
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

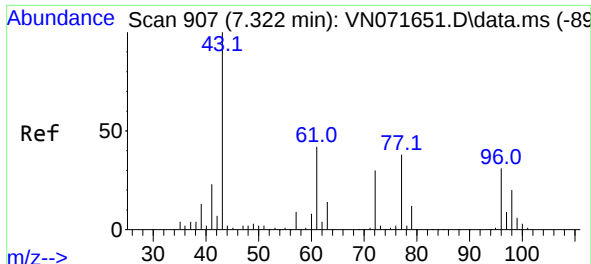


#26
2,2-Dichloropropane
Concen: 52.759 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion: 77 Resp: 427274
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 53.124 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071797.D

Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 32501

Ion Ratio Lower Upper

96 100

61 138.4 0.0 280.6

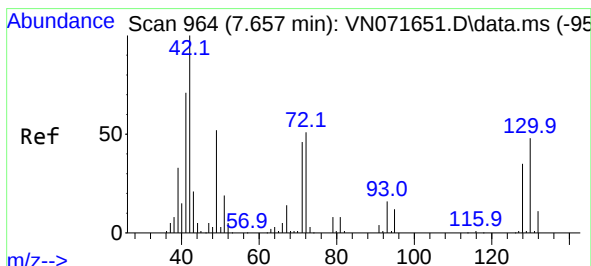
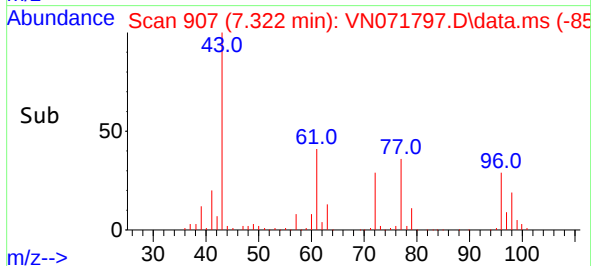
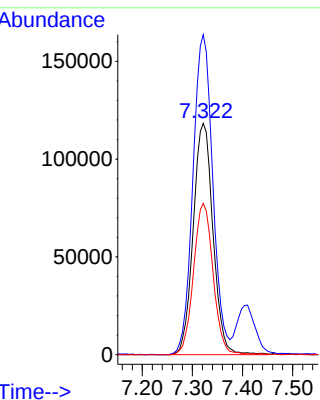
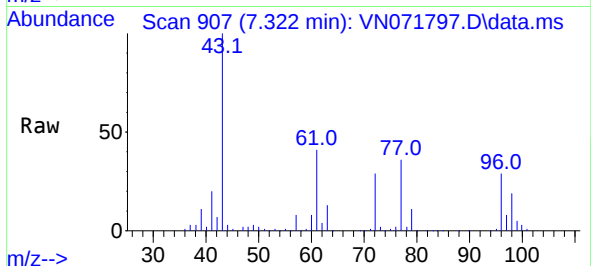
98 64.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#28

Bromochloromethane

Concen: 47.880 ug/l

RT: 7.657 min Scan# 964

Delta R.T. -0.000 min

Lab File: VN071797.D

Acq: 02 Apr 2022 14:46

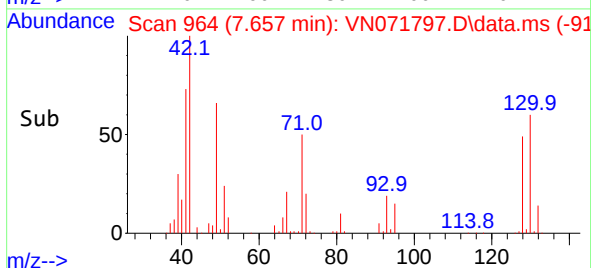
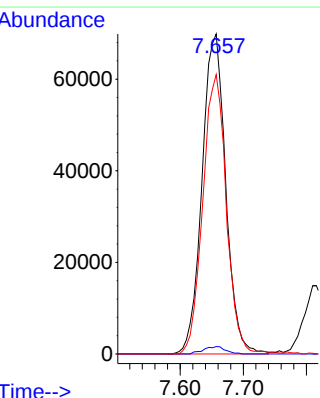
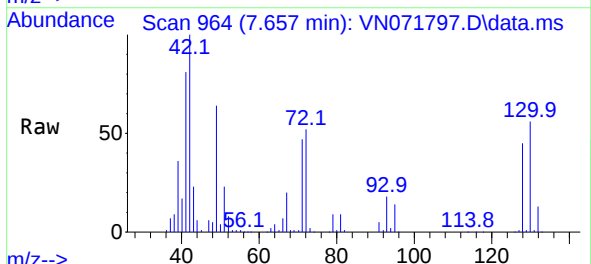
Tgt Ion: 49 Resp: 182081

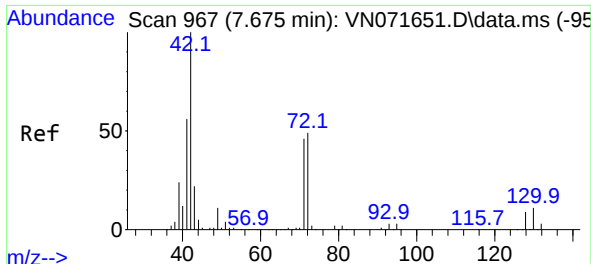
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 86.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 272.455 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071797.D

Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 68321

Ion Ratio Lower Upper

42 100

72 50.0 39.7 59.5

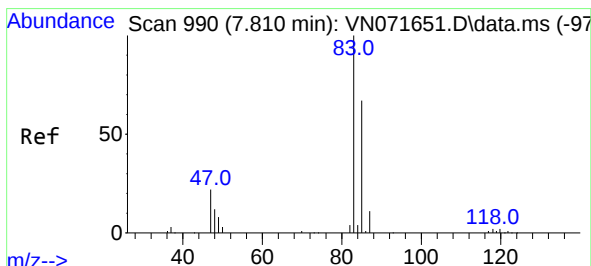
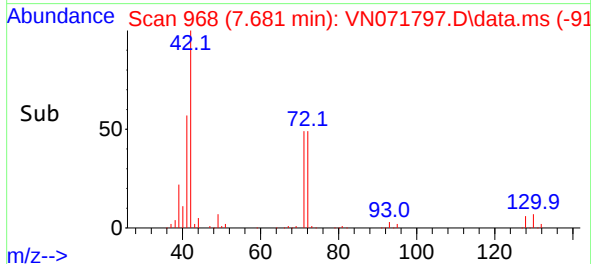
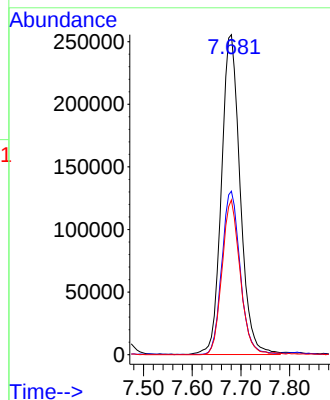
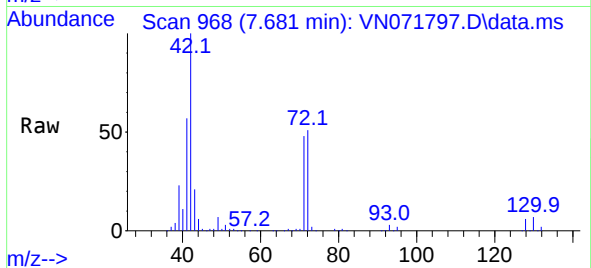
71 46.7 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#30

Chloroform

Concen: 53.007 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN071797.D

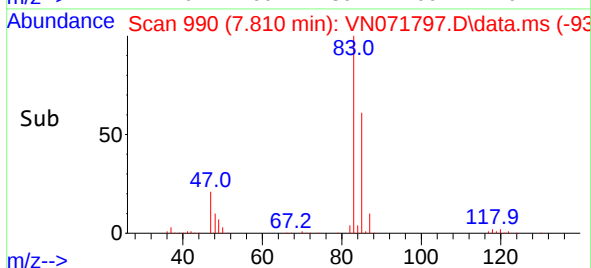
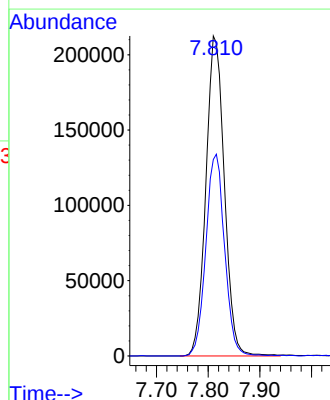
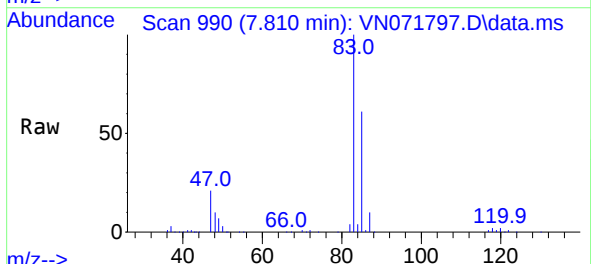
Acq: 02 Apr 2022 14:46

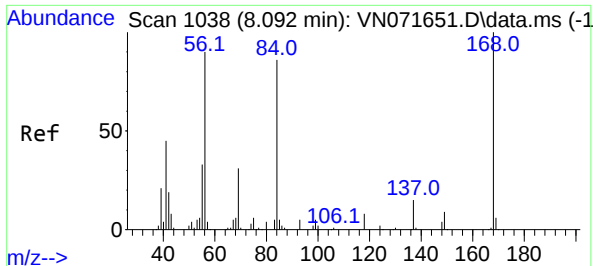
Tgt Ion: 83 Resp: 527646

Ion Ratio Lower Upper

83 100

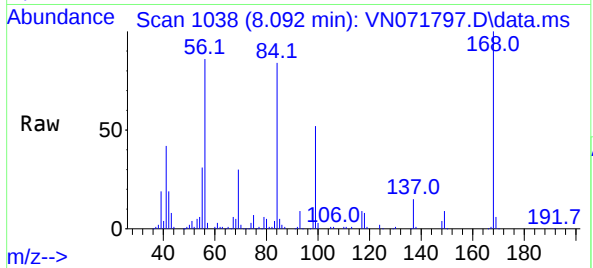
85 61.4 51.8 77.8





#31
Cyclohexane
Concen: 48.664 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

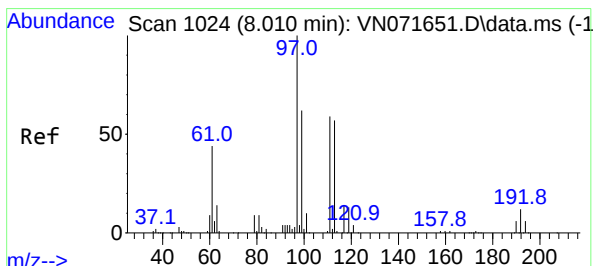
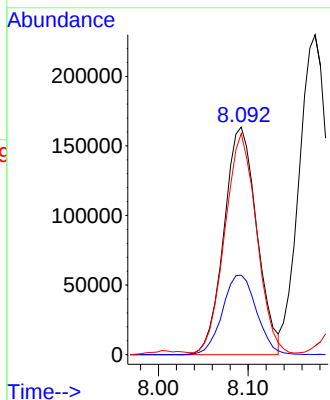
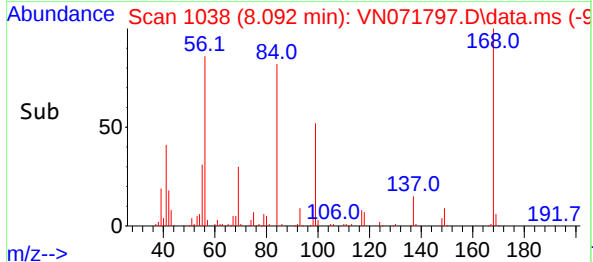
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



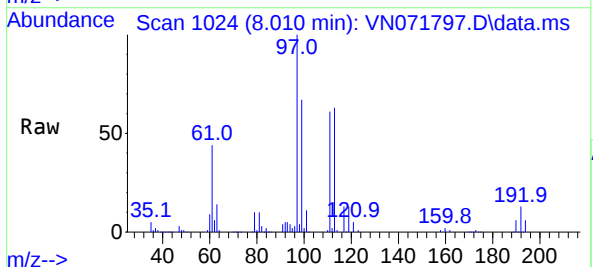
Tgt Ion: 56 Resp: 415999
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.8
84 95.7 76.9 115.3

Manual Integrations
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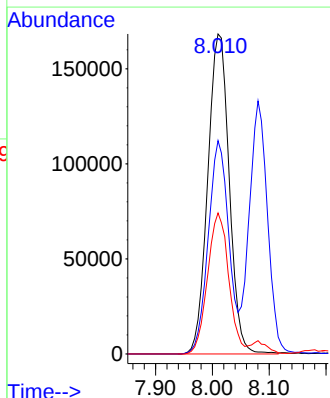
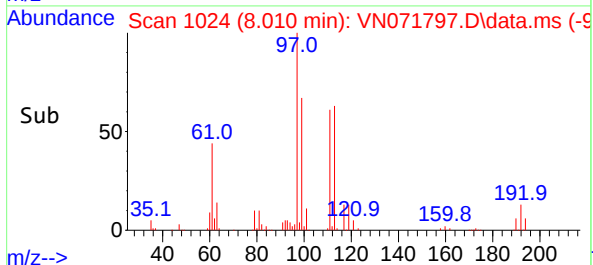
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

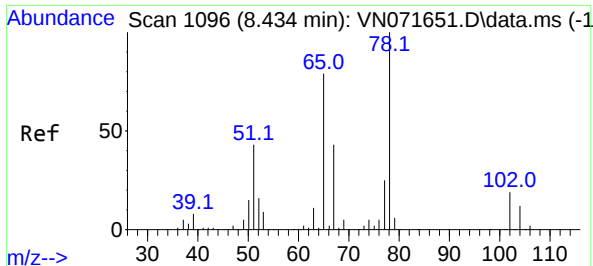


#32
1,1,1-Trichloroethane
Concen: 51.823 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion: 97 Resp: 441320
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 43.3 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 52.589 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

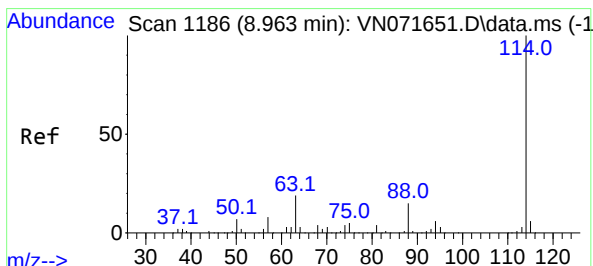
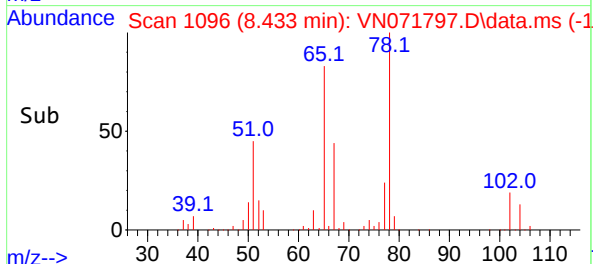
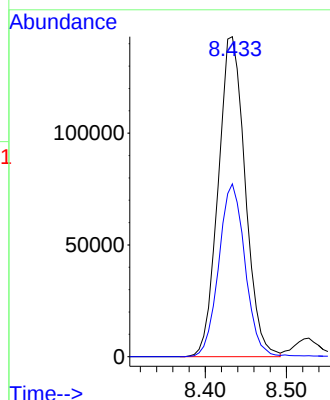
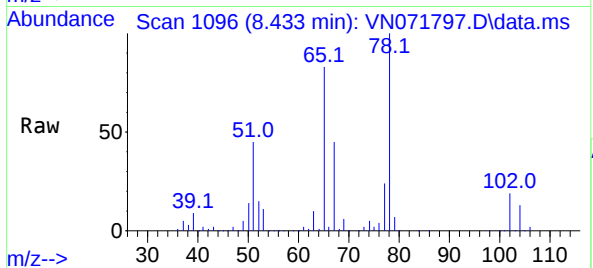
VSTDCCC050

Tgt Ion: 65 Resp: 330564
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8

Manual Integrations

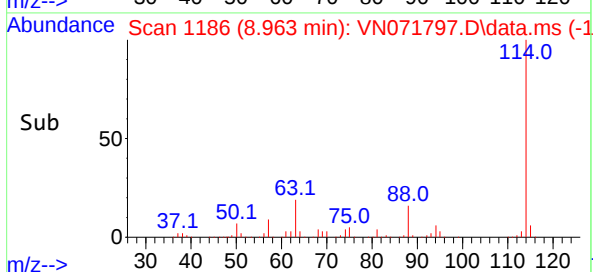
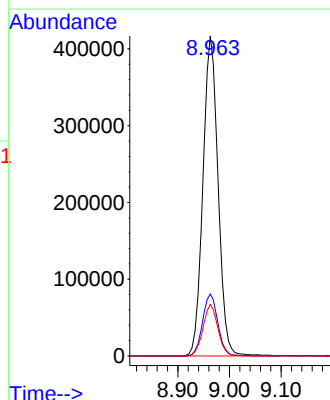
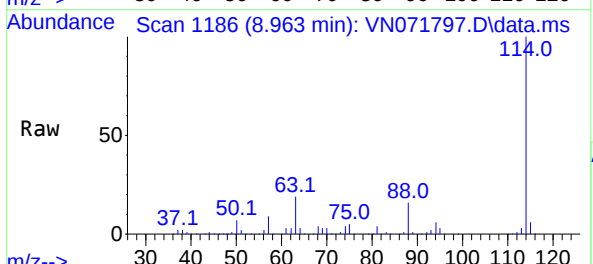
APPROVED

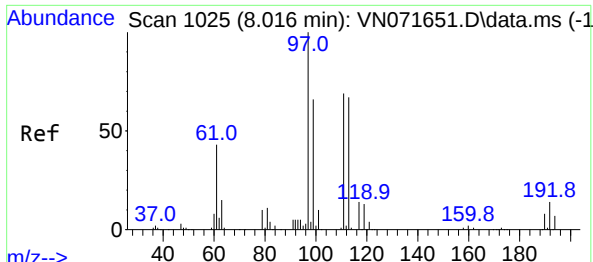
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

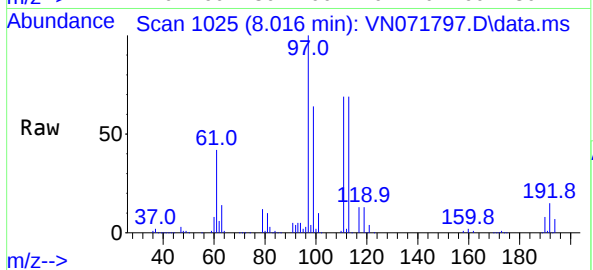
Tgt Ion:114 Resp: 848315
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 55.519 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

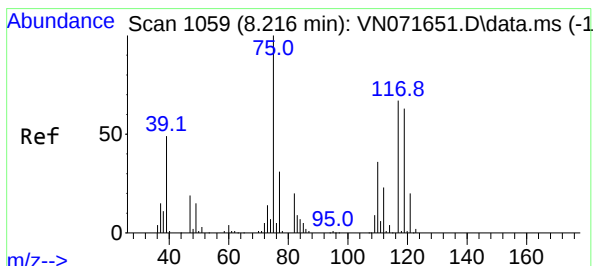
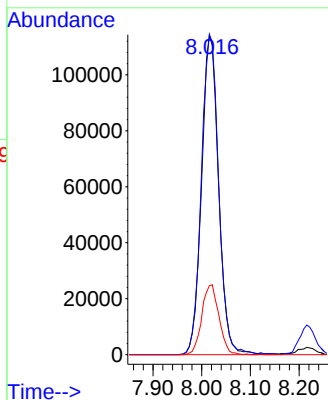
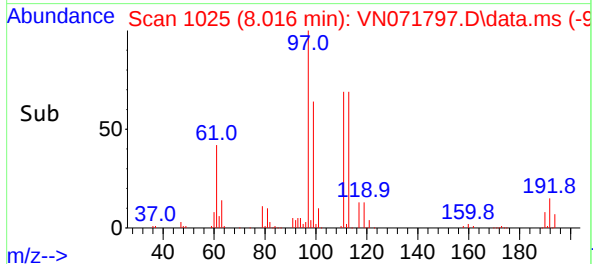
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



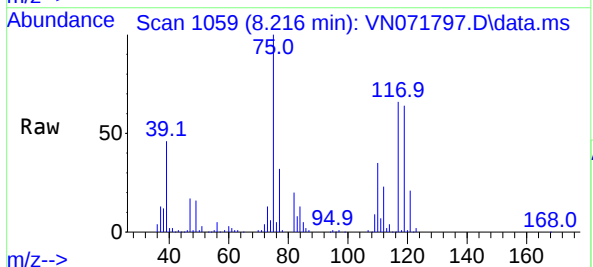
Tgt Ion: 113 Resp: 277144
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 21.9 17.0 25.6

Manual Integrations
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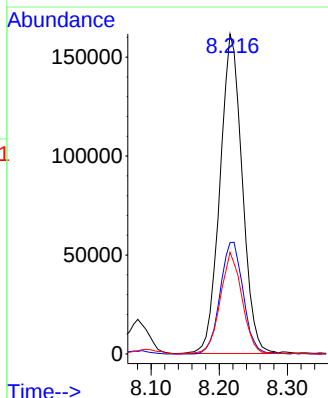
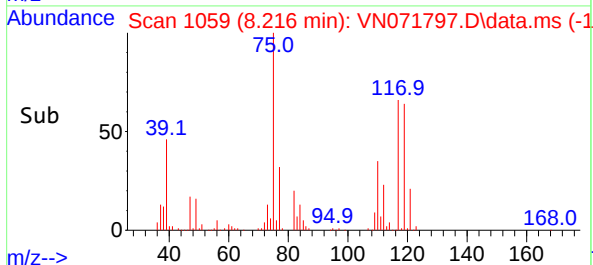
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

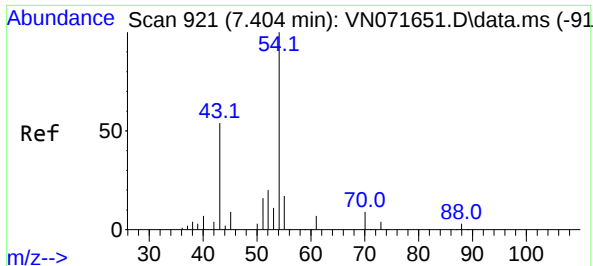


#36
1,1-Dichloropropene
Concen: 52.630 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion: 75 Resp: 366878
Ion Ratio Lower Upper
75 100
110 36.2 18.3 54.8
77 31.4 25.1 37.7





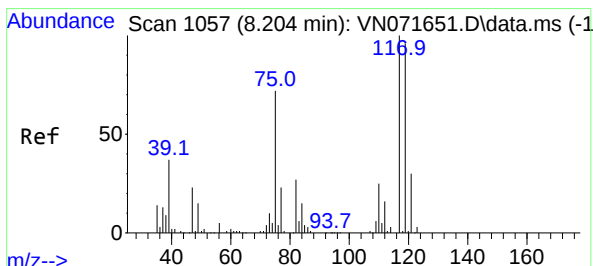
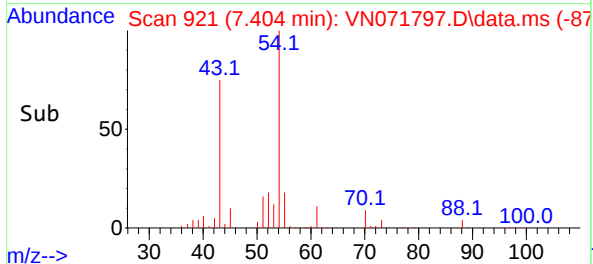
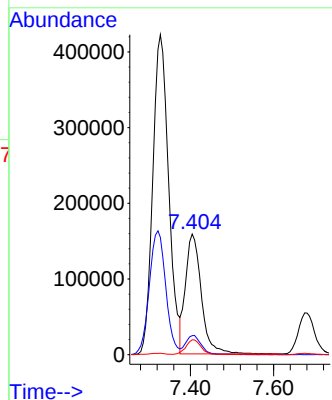
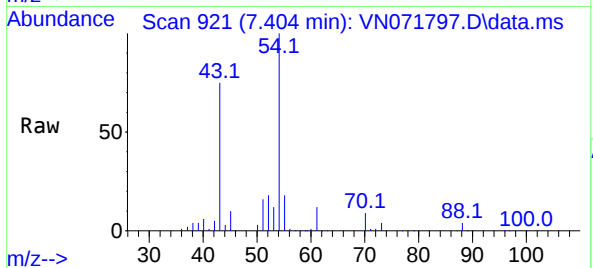
#37
Ethyl Acetate
Concen: 54.853 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 418524
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 11.7 9.3 13.9

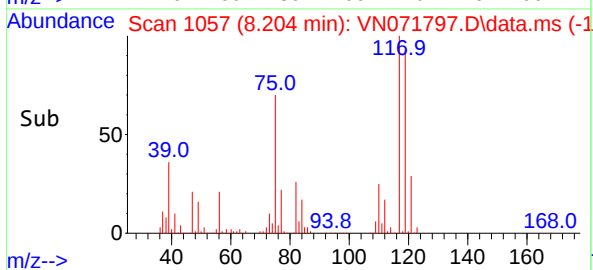
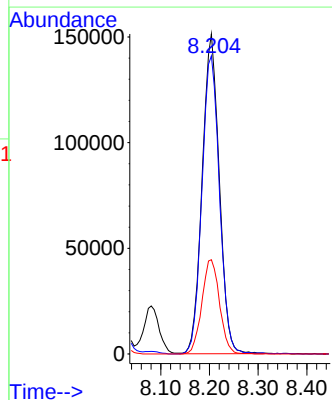
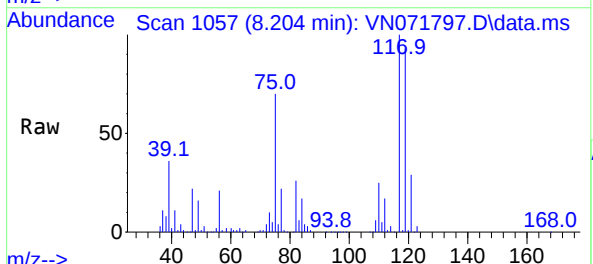
Manual Integrations
APPROVED

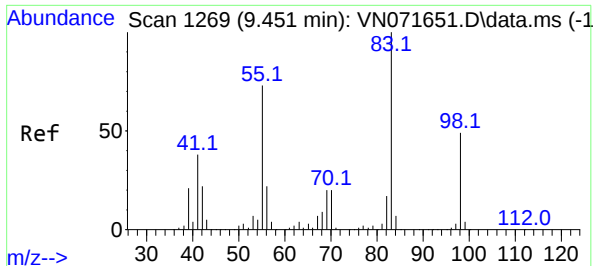
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#38
Carbon Tetrachloride
Concen: 53.856 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Tgt Ion:117 Resp: 367936
Ion Ratio Lower Upper
117 100
119 93.3 75.8 113.8
121 29.5 24.6 37.0





#39

Methylcyclohexane

Concen: 55.523 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071797.D

Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 460730

Ion Ratio Lower Upper

83 100

55 72.2 57.8 86.8

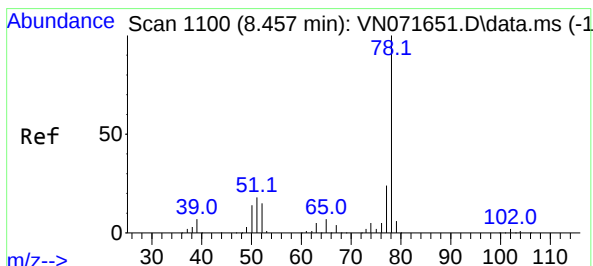
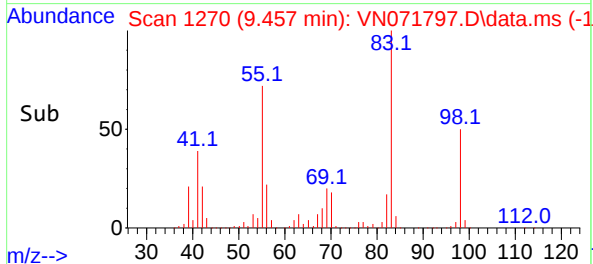
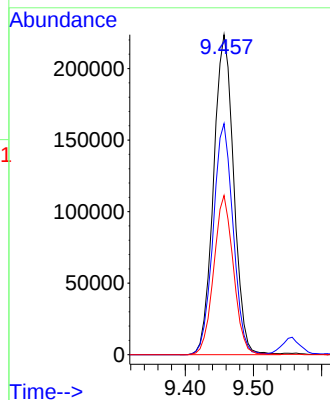
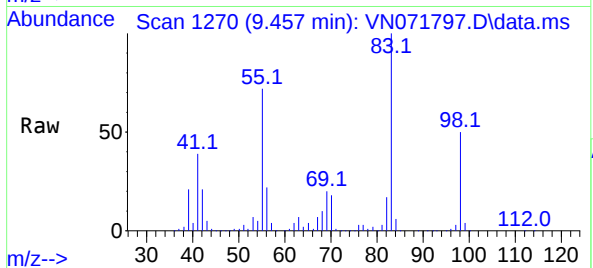
98 49.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#40

Benzene

Concen: 53.602 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071797.D

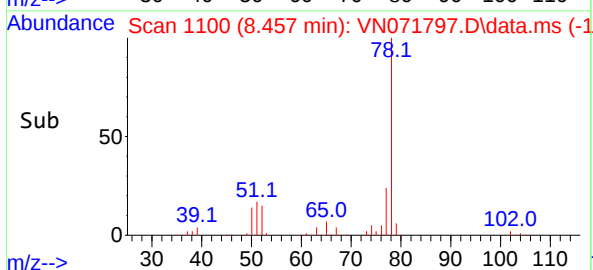
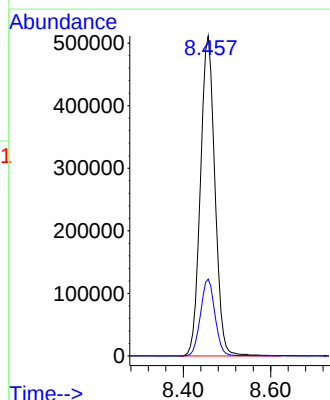
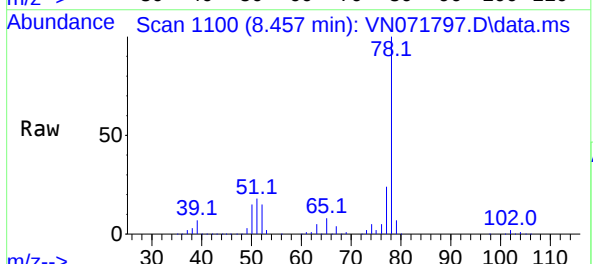
Acq: 02 Apr 2022 14:46

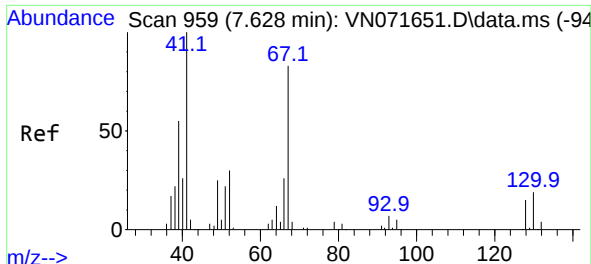
Tgt Ion: 78 Resp: 1180353

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0





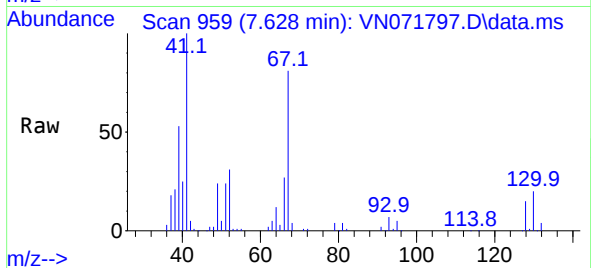
#41
Methacrylonitrile
Concen: 54.426 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

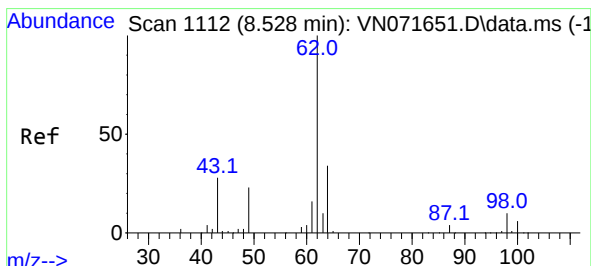
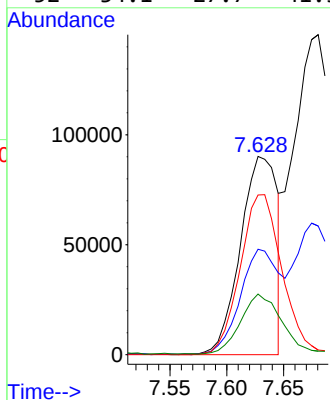
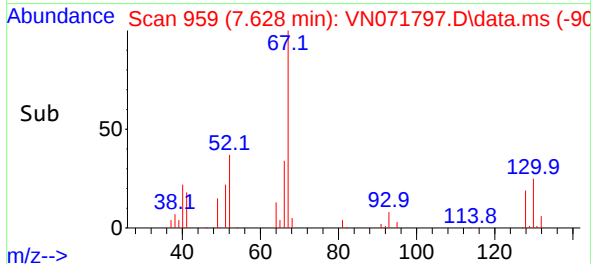


Tgt Ion: 41 Resp: 203333
Ion Ratio Lower Upper
41 100
39 58.4 48.6 73.0
67 93.0 73.4 110.2
52 34.1 27.7 41.5

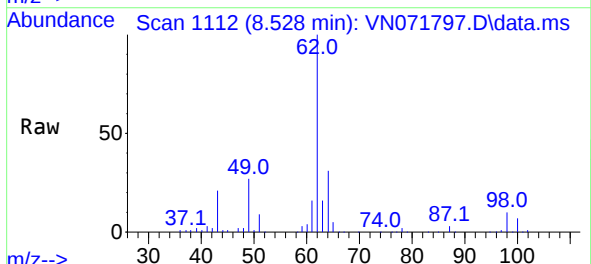
Manual Integrations

APPROVED

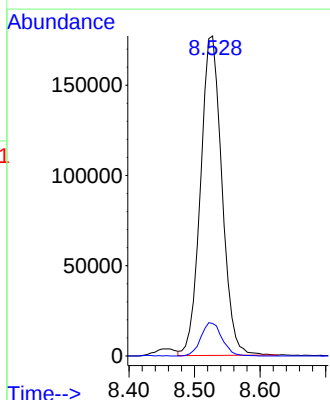
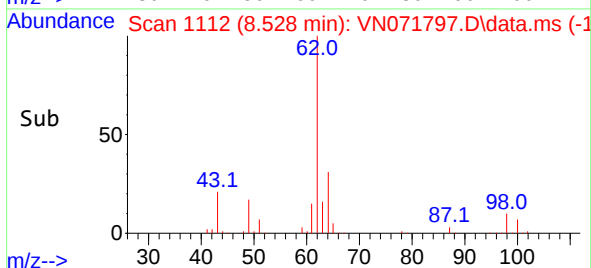
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

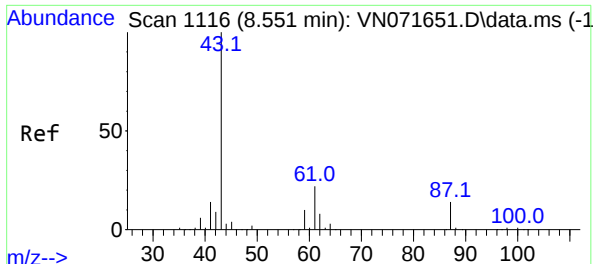


#42
1,2-Dichloroethane
Concen: 52.700 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion: 62 Resp: 401440
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.4





#43

Isopropyl Acetate

Concen: 51.189 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN071797.D

Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 64963

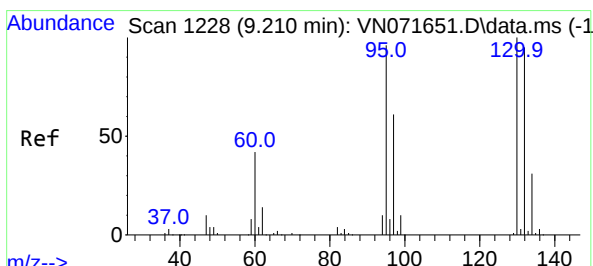
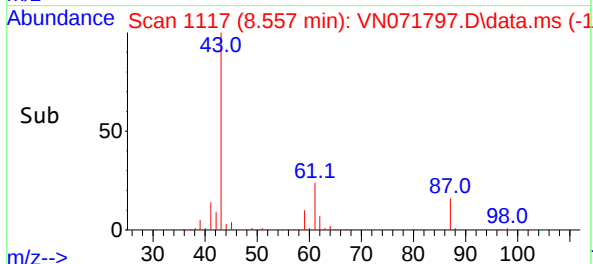
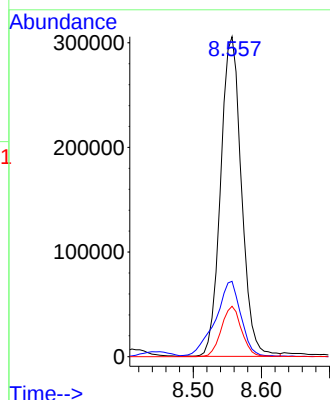
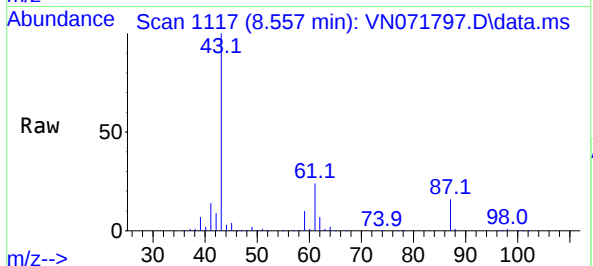
Ion	Ratio	Lower	Upper
43	100		
61	28.8	21.9	32.9
87	15.4	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#44

Trichloroethene

Concen: 53.405 ug/l

RT: 9.210 min Scan# 1228

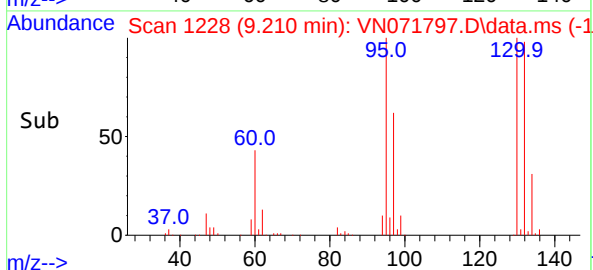
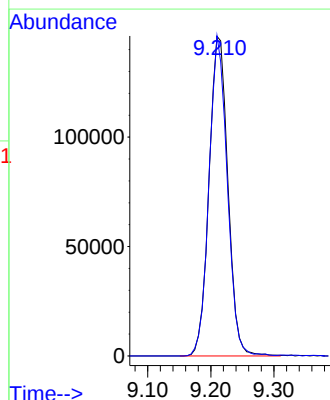
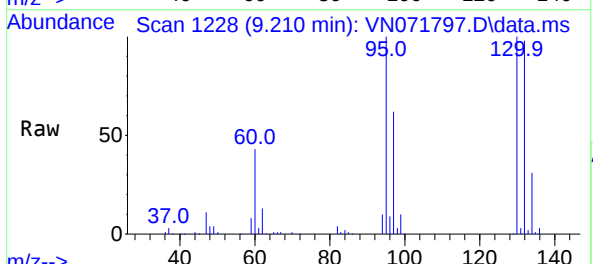
Delta R.T. -0.000 min

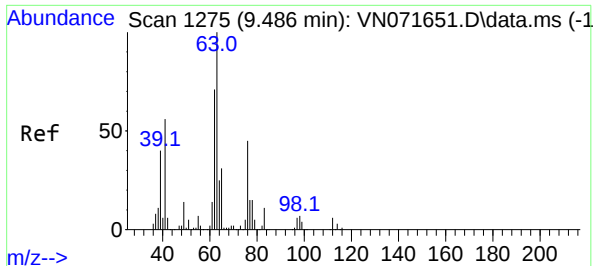
Lab File: VN071797.D

Acq: 02 Apr 2022 14:46

Tgt Ion:130 Resp: 302976

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	186.8





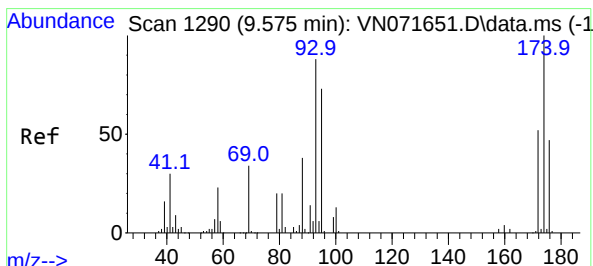
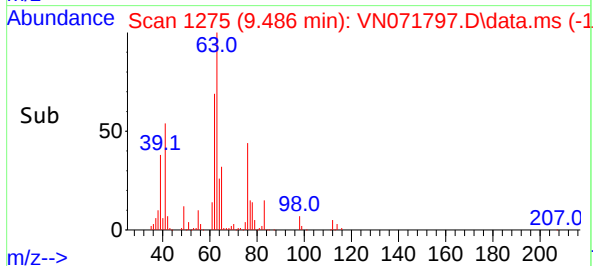
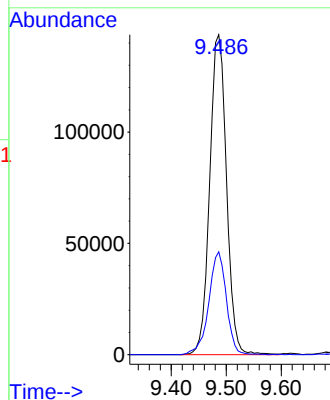
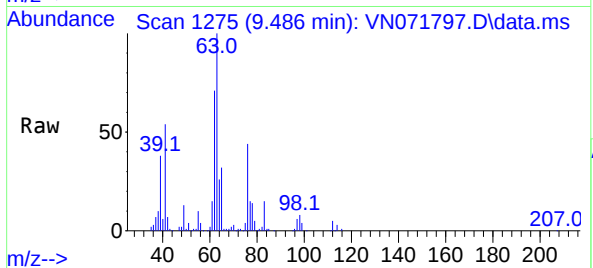
#45
1,2-Dichloropropane
Concen: 55.554 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 305612
Ion Ratio Lower Upper
63 100
65 32.2 24.9 37.3

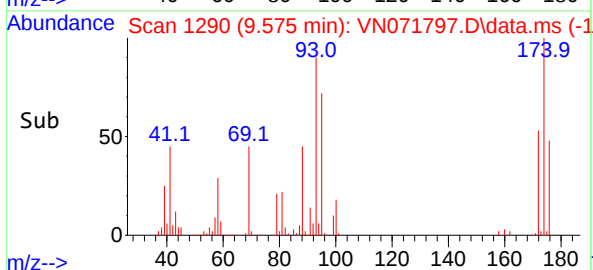
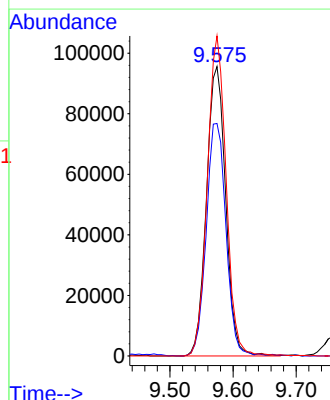
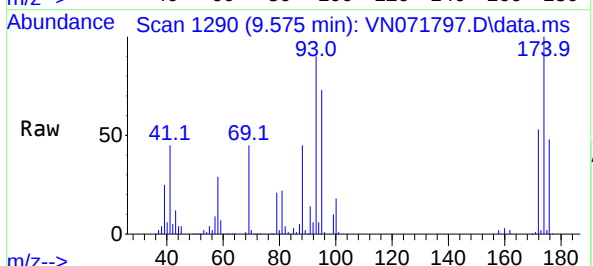
Manual Integrations
APPROVED

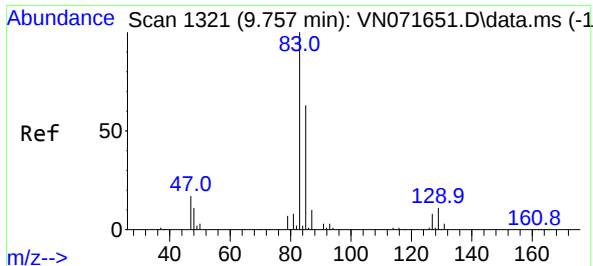
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#46
Dibromomethane
Concen: 54.152 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

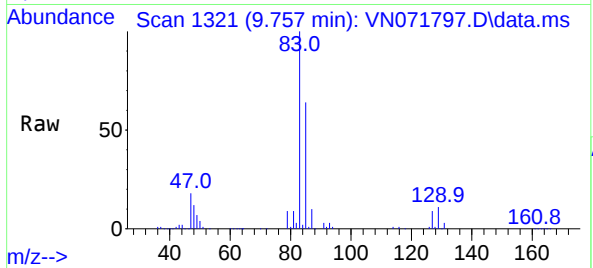
Tgt Ion: 93 Resp: 202266
Ion Ratio Lower Upper
93 100
95 82.5 66.9 100.3
174 108.3 86.6 130.0





#47
Bromodichloromethane
Concen: 56.582 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

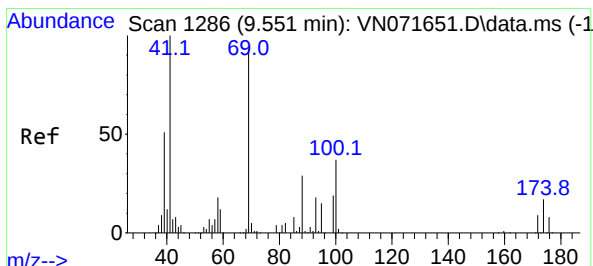
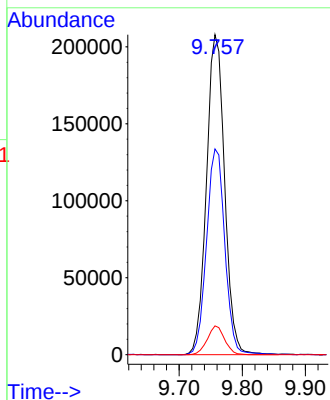
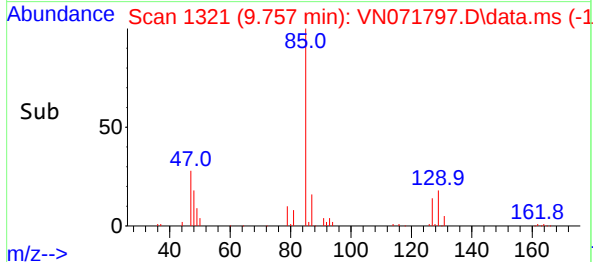
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



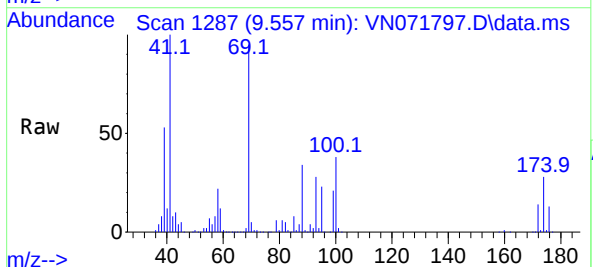
Tgt Ion: 83 Resp: 41602
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 9.0 6.8 10.2

Manual Integrations
APPROVED

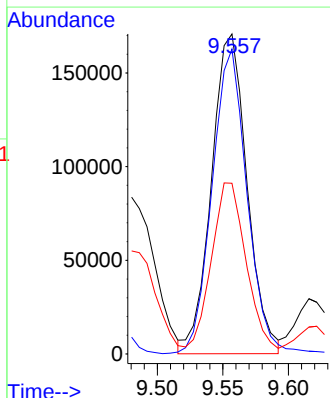
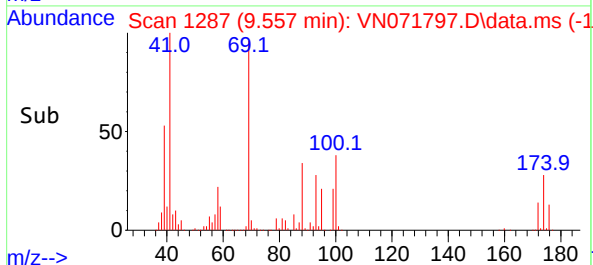
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

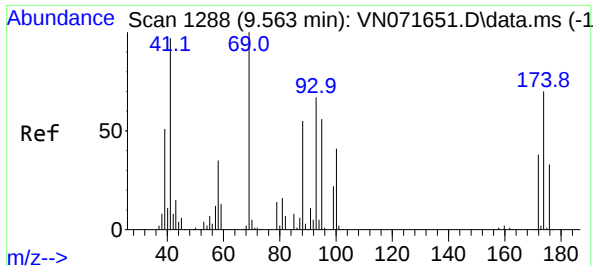


#48
Methyl methacrylate
Concen: 61.181 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



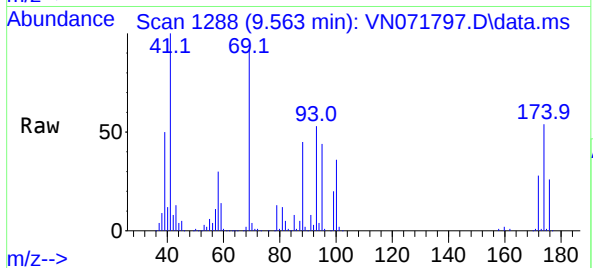
Tgt Ion: 41 Resp: 322129
Ion Ratio Lower Upper
41 100
69 94.1 74.7 112.1
39 52.8 45.6 68.4





#49
1,4-Dioxane
Concen: 1086.673 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

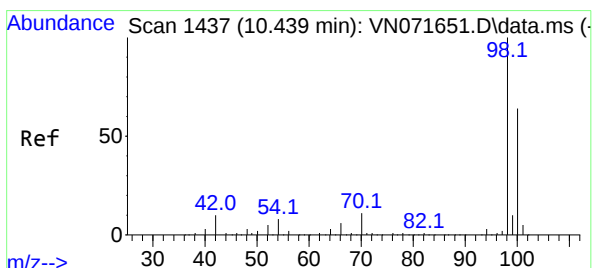
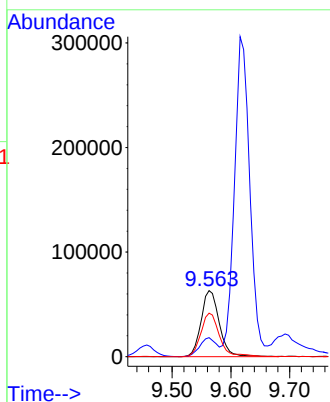
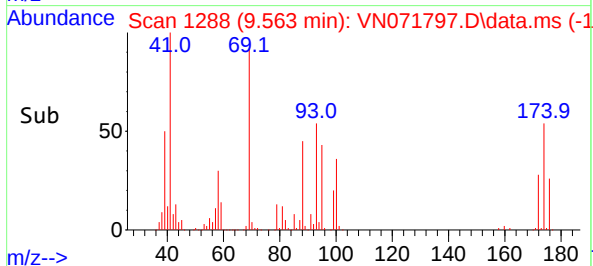
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



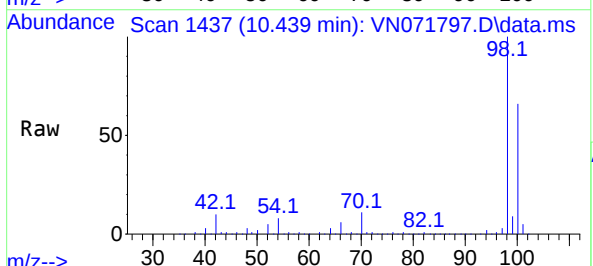
Tgt Ion: 88 Resp: 135588
Ion Ratio Lower Upper
88 100
43 26.0 20.2 30.4
58 67.8 54.2 81.4

Manual Integrations
APPROVED

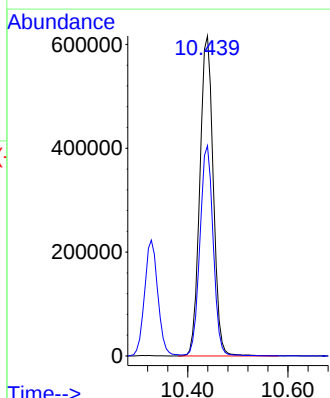
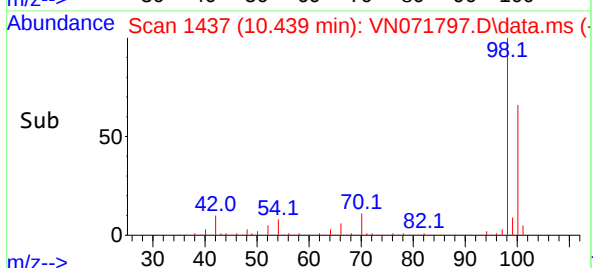
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

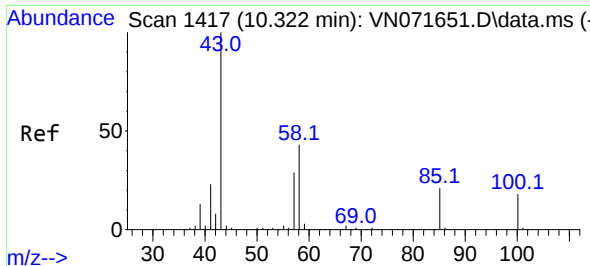


#50
Toluene-d8
Concen: 56.041 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



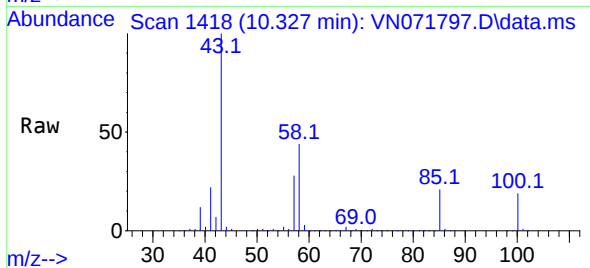
Tgt Ion: 98 Resp: 1144388
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 300.866 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

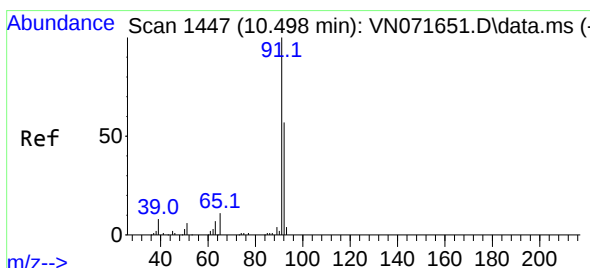
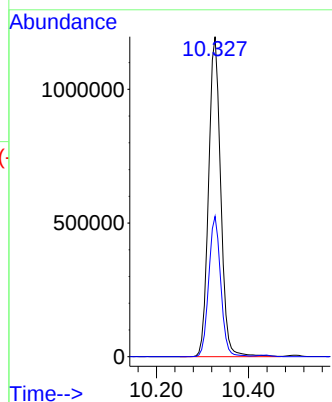
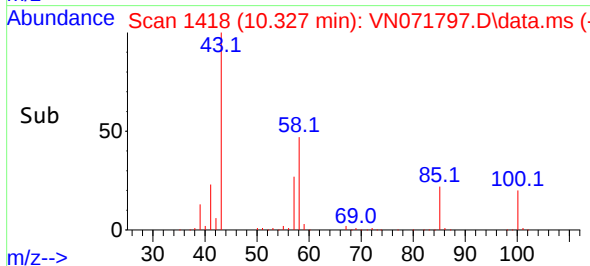
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



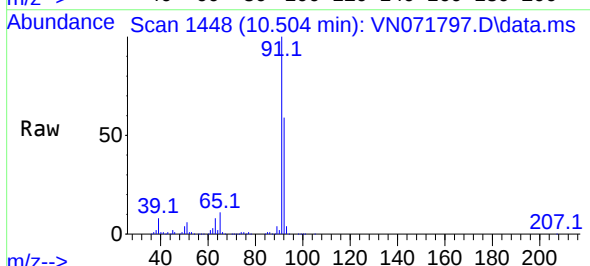
Tgt Ion: 43 Resp: 219528
Ion Ratio Lower Upper
43 100
58 43.4 34.1 51.1

Manual Integrations
APPROVED

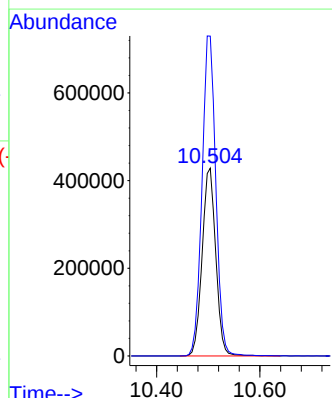
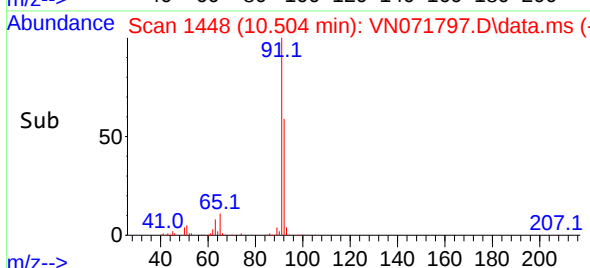
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

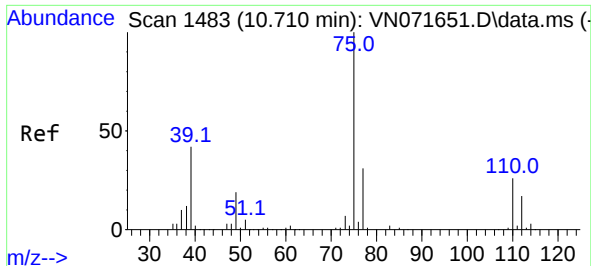


#52
Toluene
Concen: 56.226 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



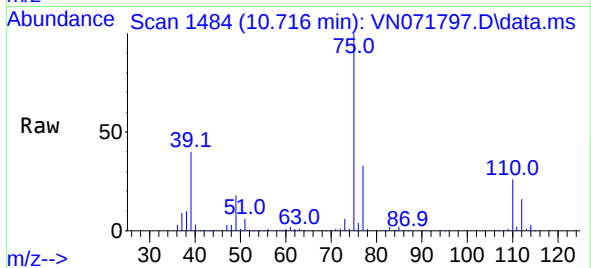
Tgt Ion: 92 Resp: 782670
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 59.808 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

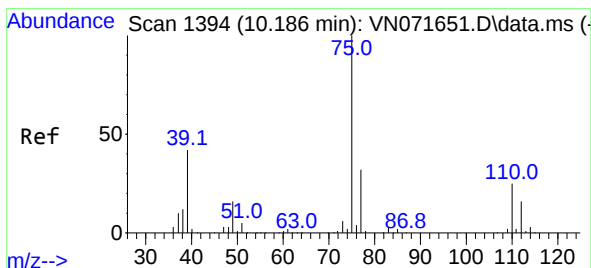
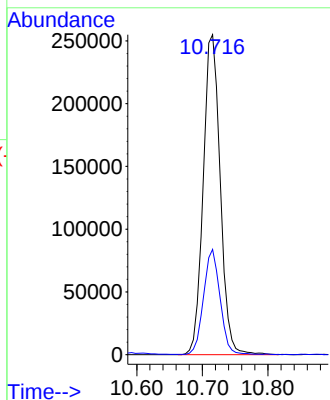
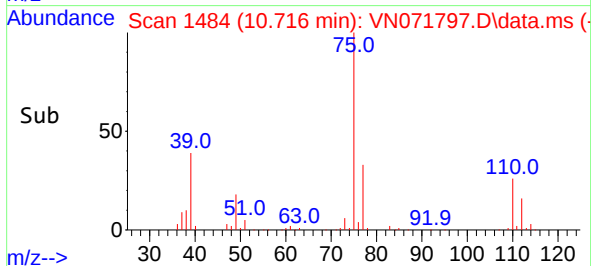
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



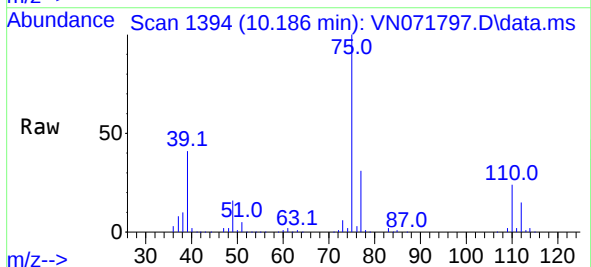
Tgt Ion: 75 Resp: 46087
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4

Manual Integrations
APPROVED

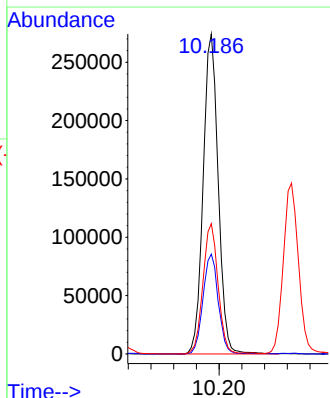
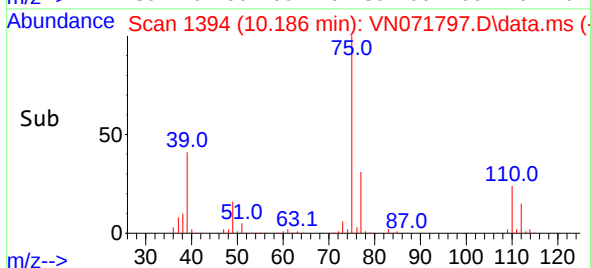
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

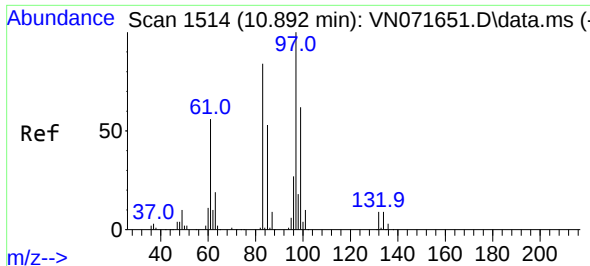


#54
cis-1,3-Dichloropropene
Concen: 59.087 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



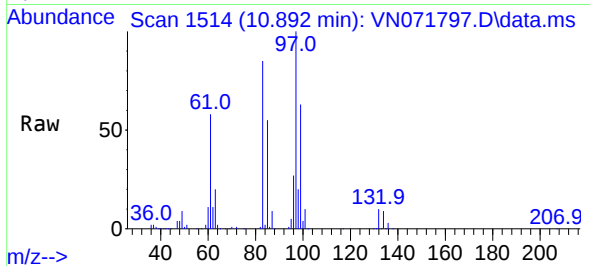
Tgt Ion: 75 Resp: 503083
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 40.7 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 56.147 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

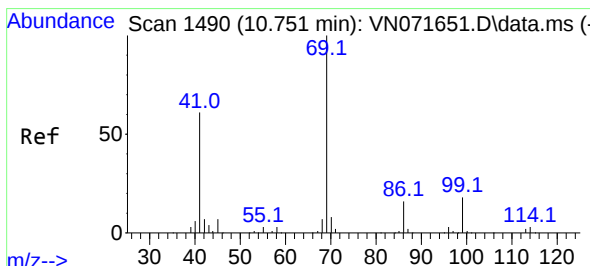
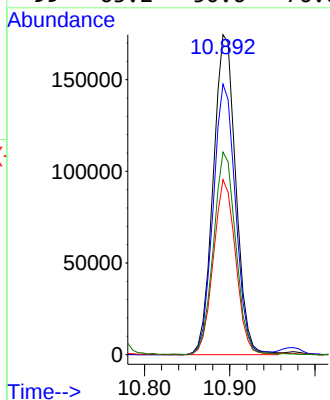
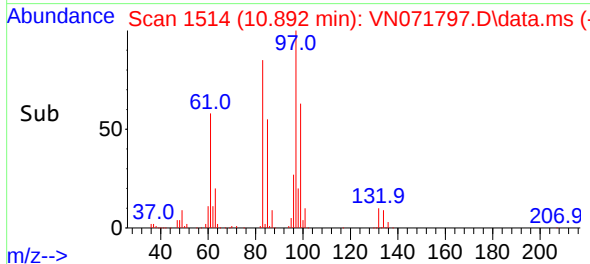
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



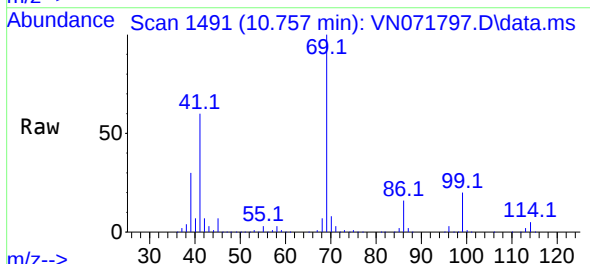
Tgt Ion: 97 Resp: 321659
Ion Ratio Lower Upper
97 100
83 84.6 66.2 99.4
85 54.7 43.9 65.9
99 63.2 50.6 76.0

Manual Integrations
APPROVED

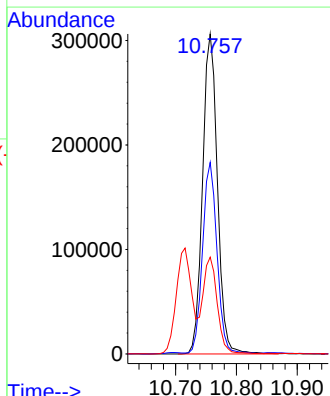
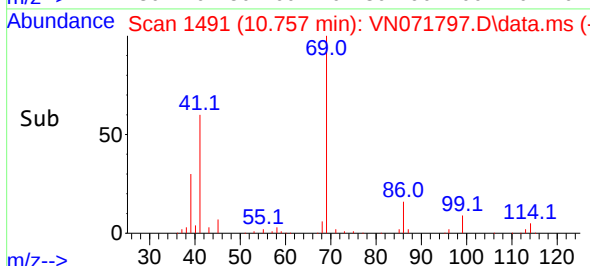
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

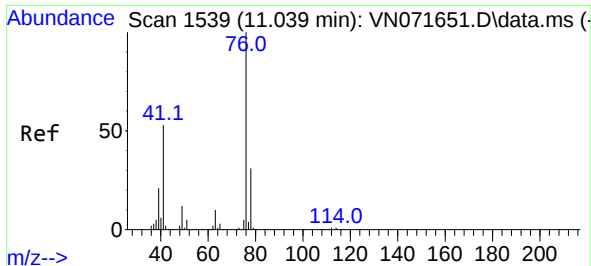


#56
Ethyl methacrylate
Concen: 63.486 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion: 69 Resp: 518846
Ion Ratio Lower Upper
69 100
41 57.9 47.8 71.6
39 29.8 27.3 40.9





#57

1,3-Dichloropropane

Concen: 56.016 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071797.D

Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 53655

Ion Ratio Lower Upper

76 100

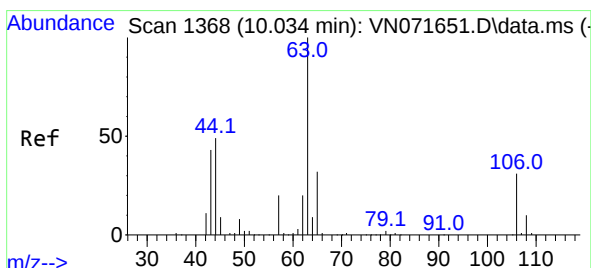
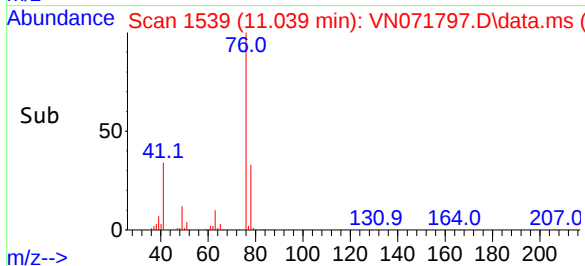
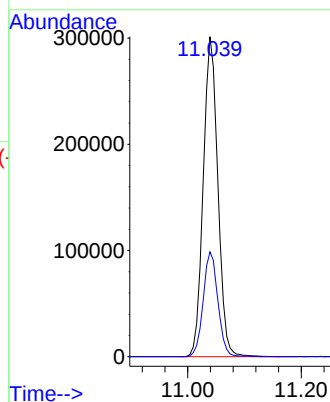
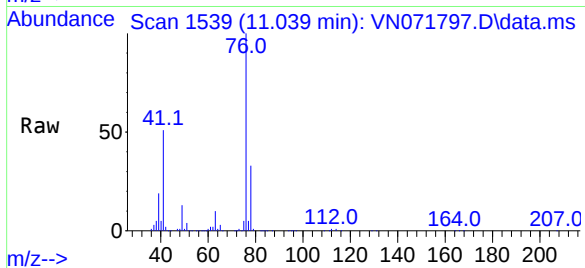
78 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 215.897 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.001 min

Lab File: VN071797.D

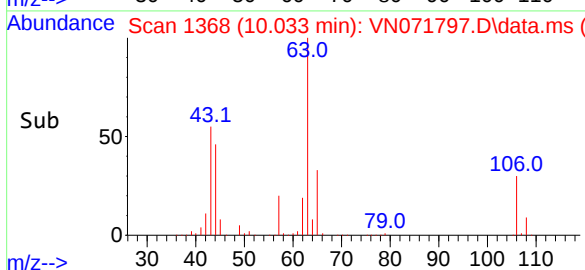
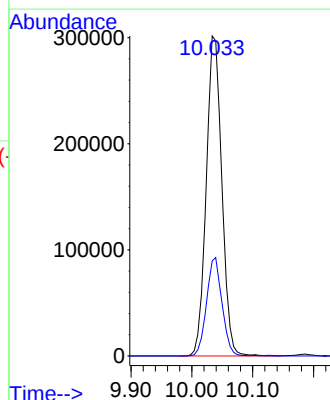
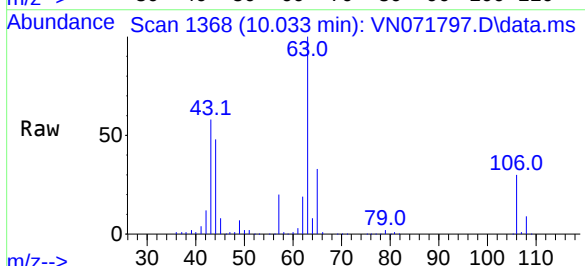
Acq: 02 Apr 2022 14:46

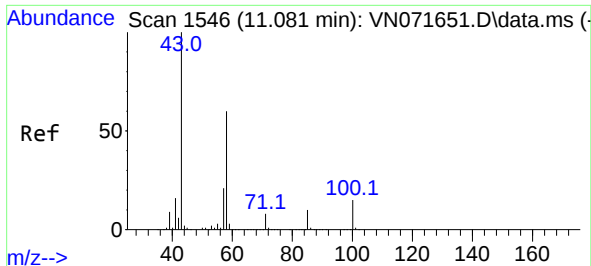
Tgt Ion: 63 Resp: 536964

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8





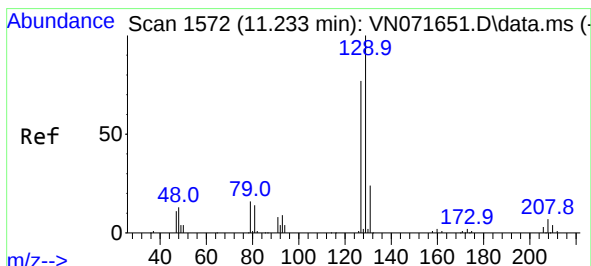
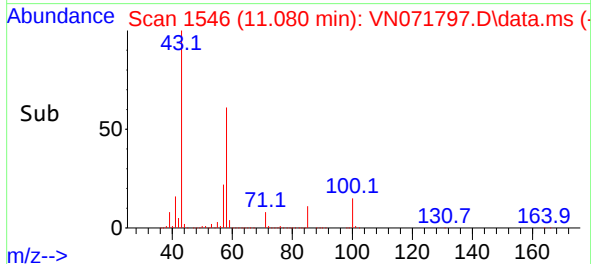
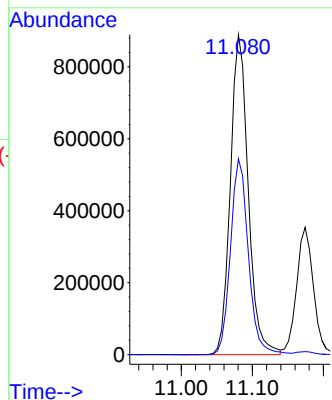
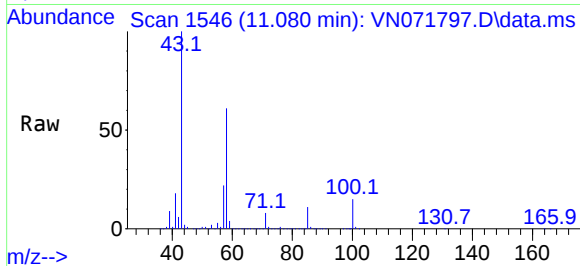
#59
2-Hexanone
Concen: 302.745 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 155524
Ion Ratio Lower Upper
43 100
58 61.4 29.7 89.1

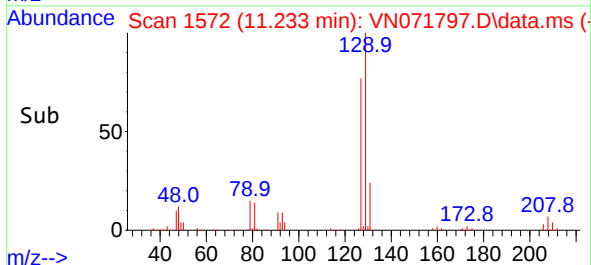
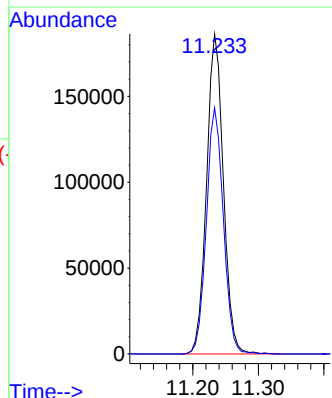
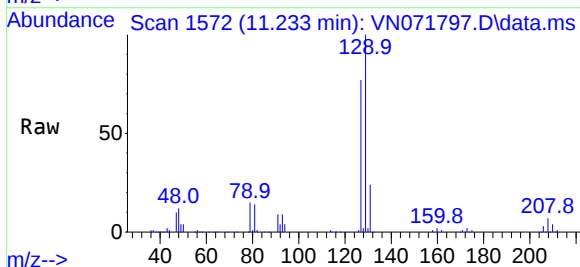
Manual Integrations
APPROVED

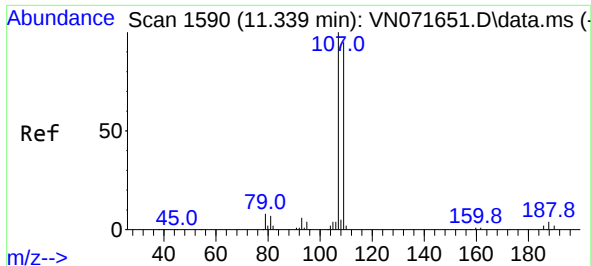
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#60
Dibromochloromethane
Concen: 59.517 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

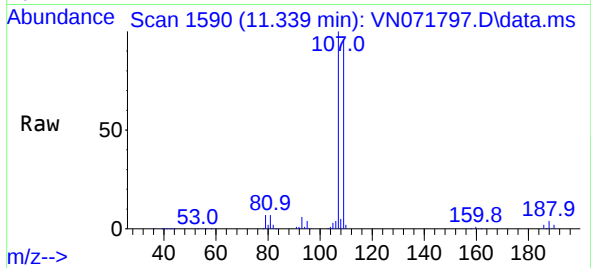
Tgt Ion:129 Resp: 332466
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 57.136 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

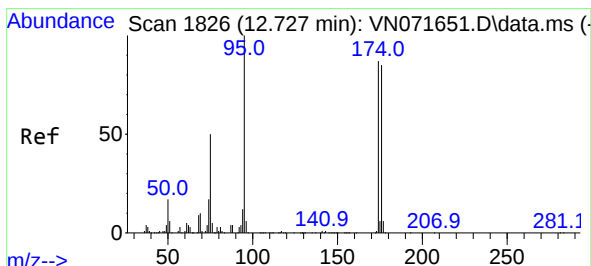
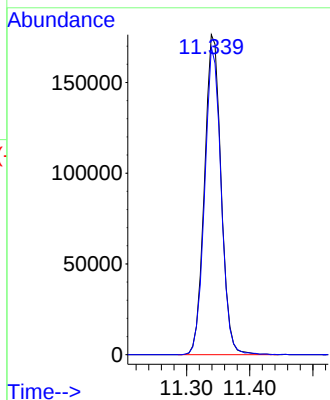
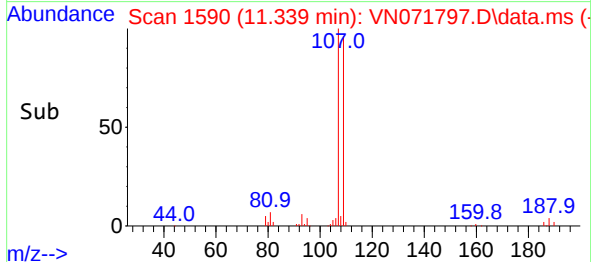
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



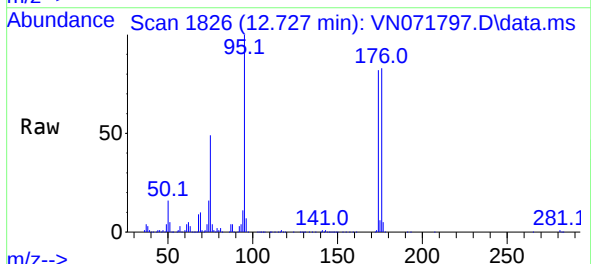
Tgt Ion:107 Resp: 322200
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6

Manual Integrations
APPROVED

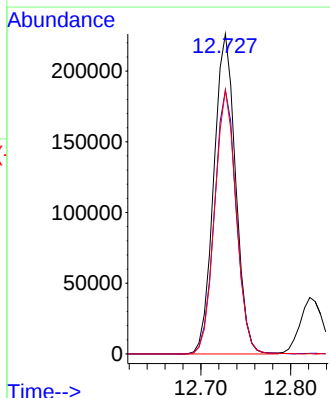
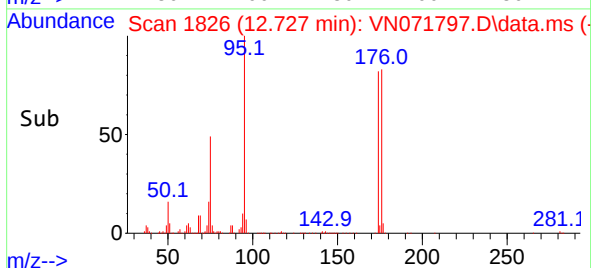
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

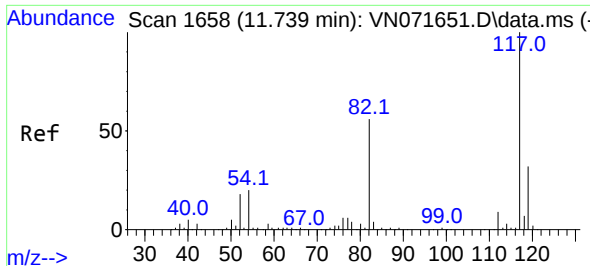


#62
4-Bromofluorobenzene
Concen: 57.847 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



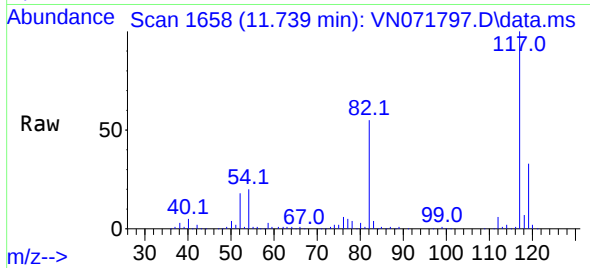
Tgt Ion: 95 Resp: 382041
Ion Ratio Lower Upper
95 100
174 82.3 0.0 167.6
176 81.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

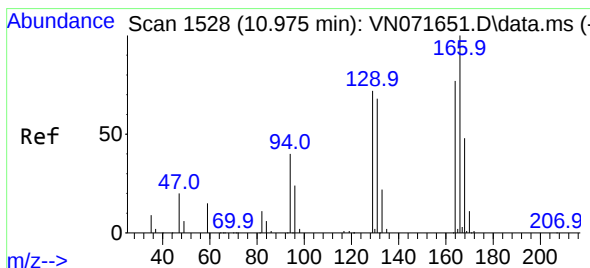
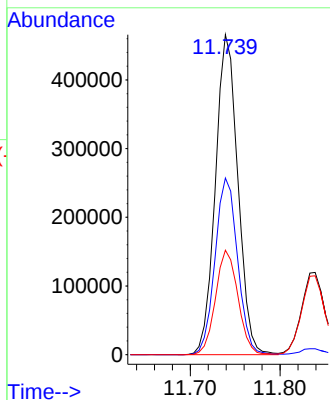
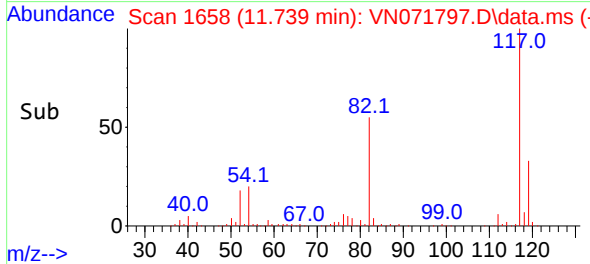
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



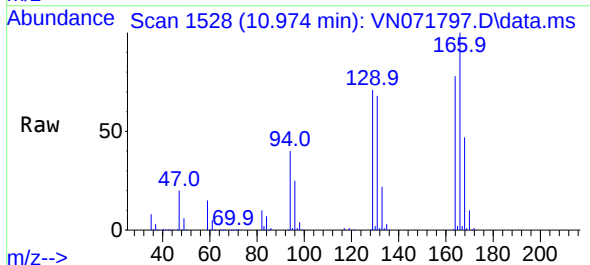
Tgt Ion:117 Resp: 809639
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.6 25.4 38.0

Manual Integrations
APPROVED

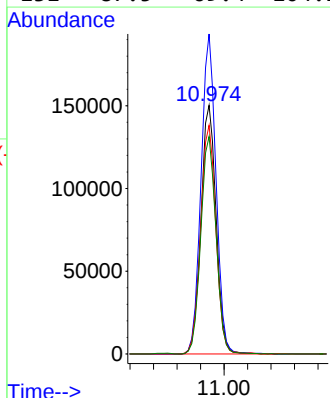
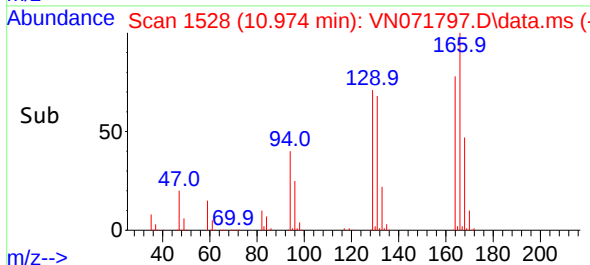
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

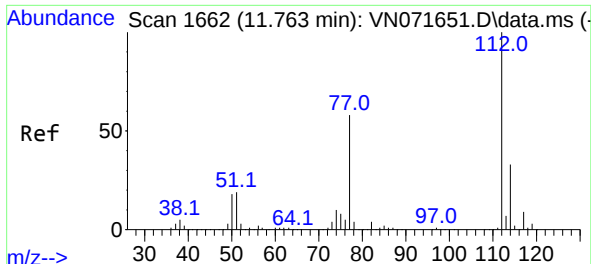


#64
Tetrachloroethene
Concen: 50.634 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



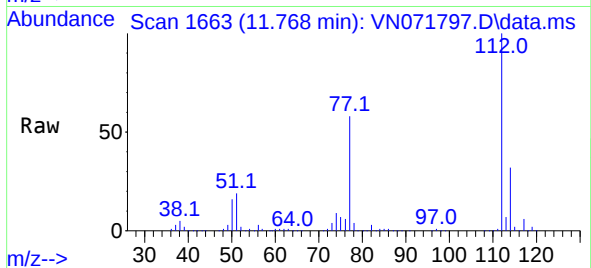
Tgt Ion:164 Resp: 270706
Ion Ratio Lower Upper
164 100
166 128.7 104.2 156.2
129 92.0 73.9 110.9
131 87.5 69.4 104.2





#65
Chlorobenzene
Concen: 53.469 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

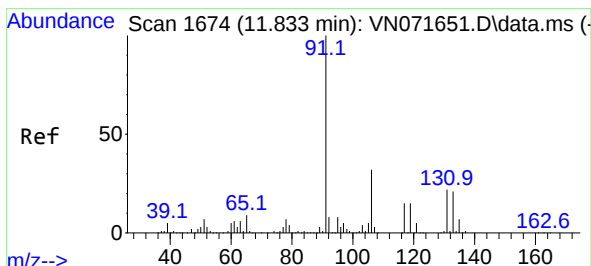
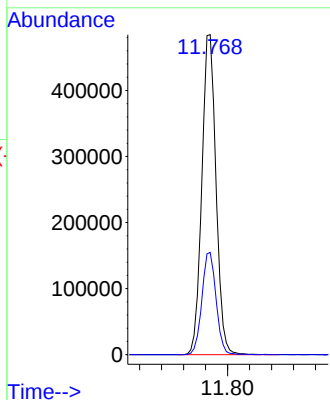
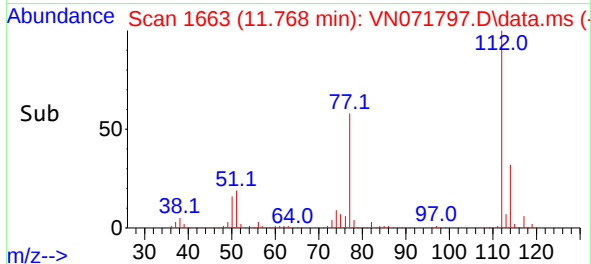
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



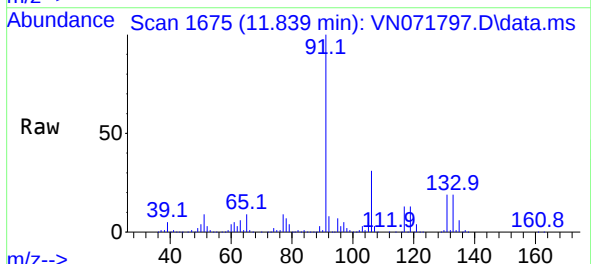
Tgt Ion:112 Resp: 866838
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

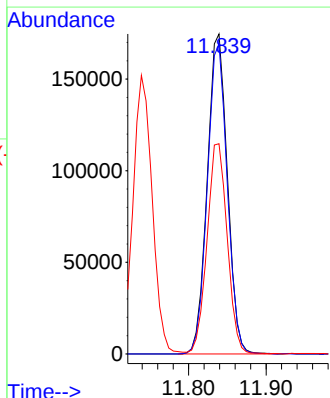
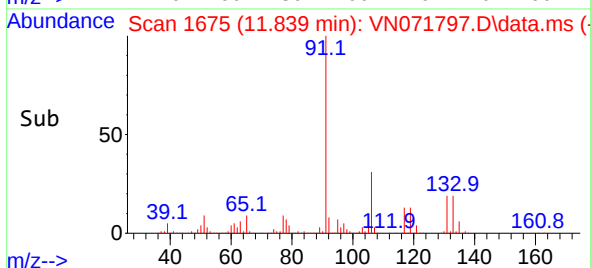
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

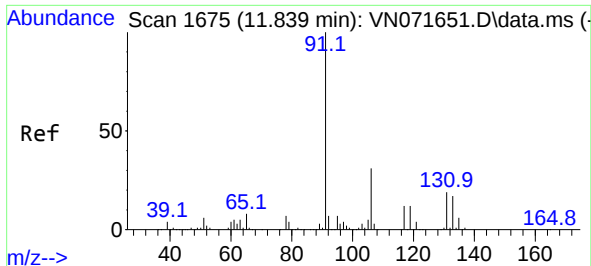


#66
1,1,1,2-Tetrachloroethane
Concen: 53.857 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion:131 Resp: 315060
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 66.0 33.4 100.2





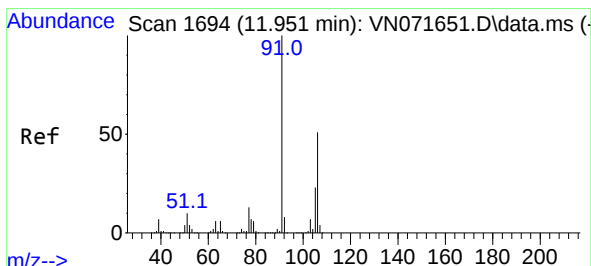
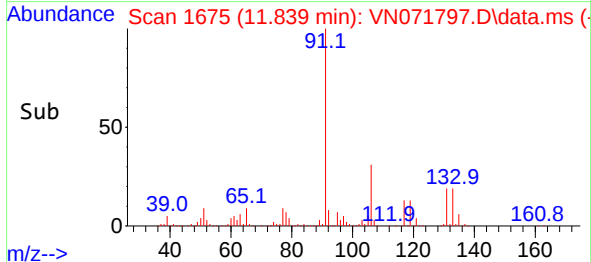
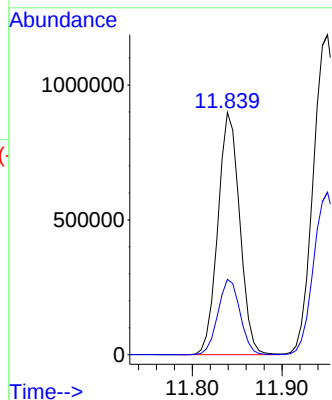
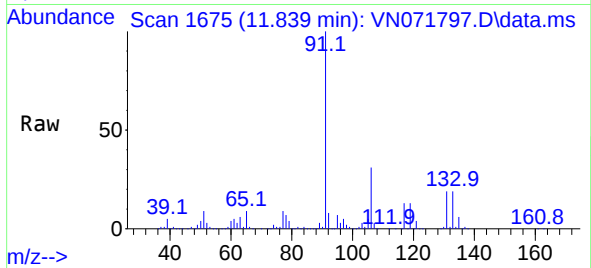
#67
Ethyl Benzene
Concen: 55.304 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 151778
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

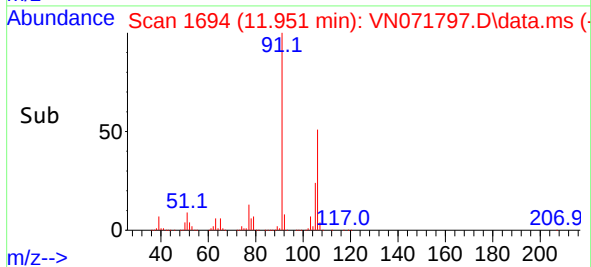
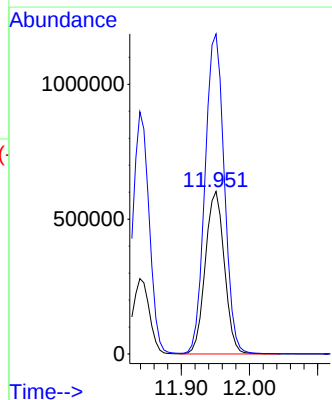
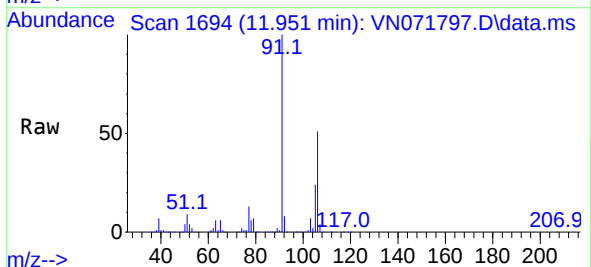
Manual Integrations
APPROVED

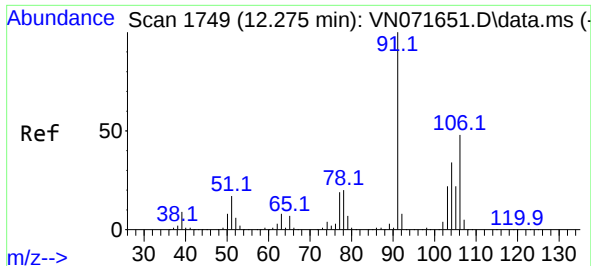
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#68
m/p-Xylenes
Concen: 111.104 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Tgt Ion:106 Resp: 1171571
Ion Ratio Lower Upper
106 100
91 198.9 158.9 238.3





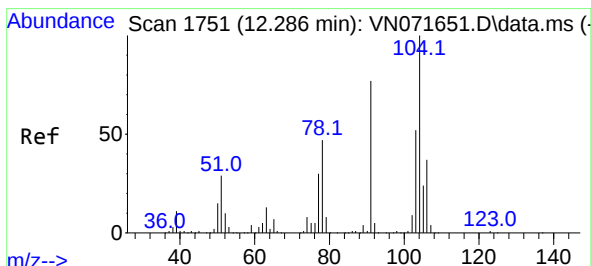
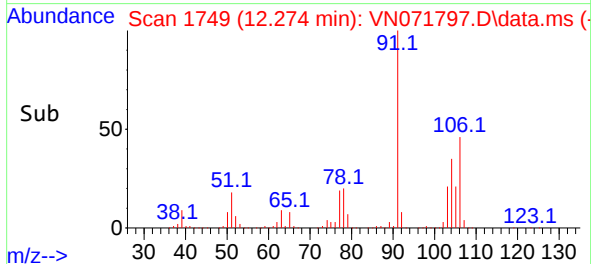
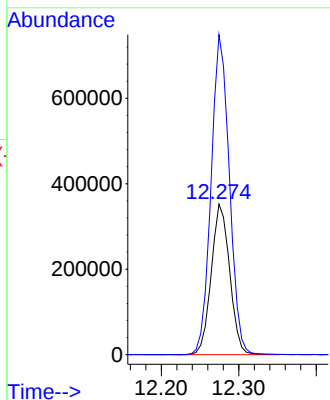
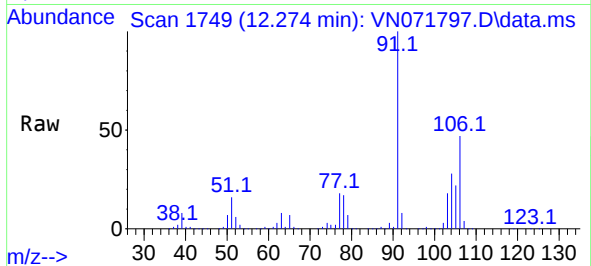
#69
o-Xylene
Concen: 55.585 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 581780
Ion Ratio Lower Upper
106 100
91 211.6 106.0 318.0

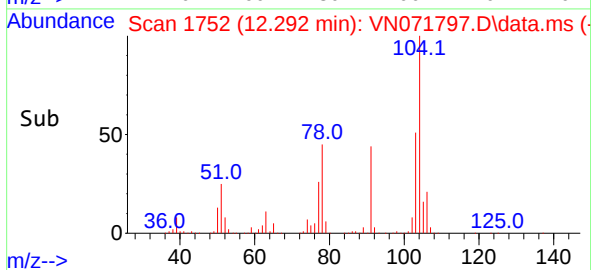
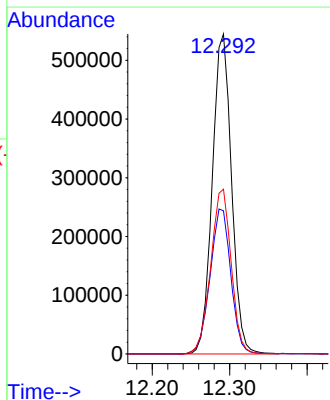
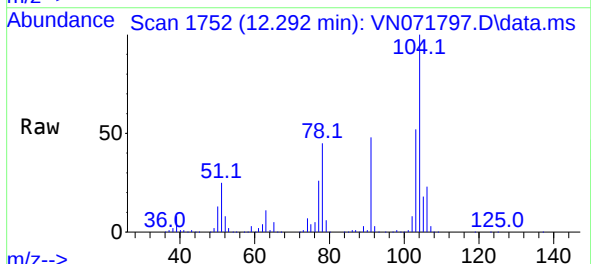
Manual Integrations
APPROVED

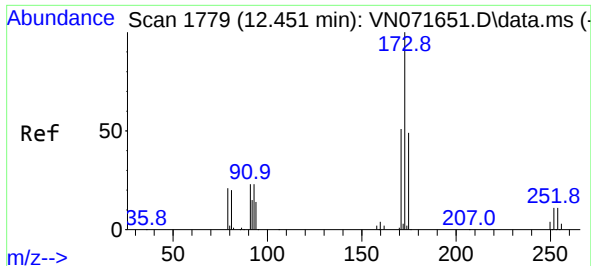
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#70
Styrene
Concen: 59.199 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

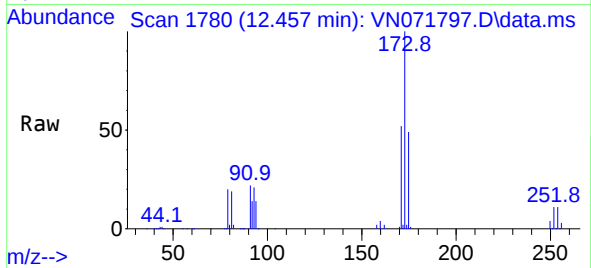
Tgt Ion:104 Resp: 938782
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.0 44.0 66.0





#71
Bromoform
Concen: 56.724 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

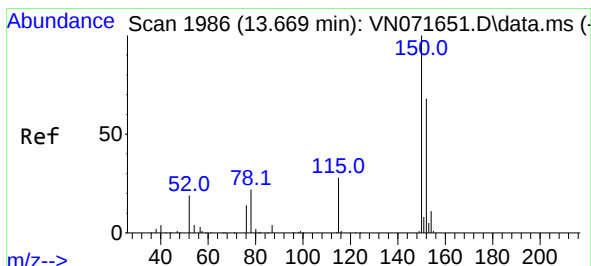
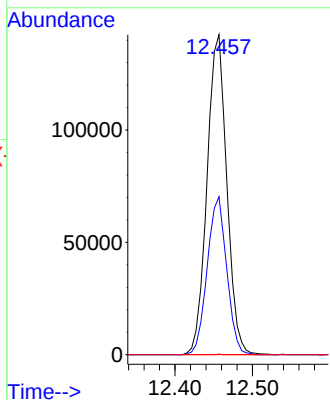
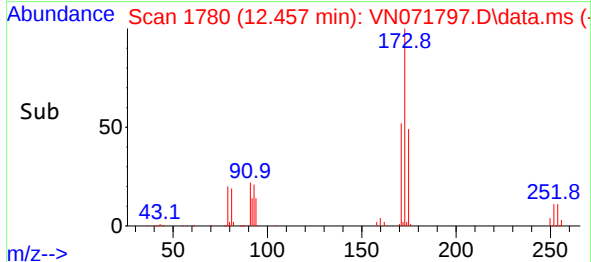
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



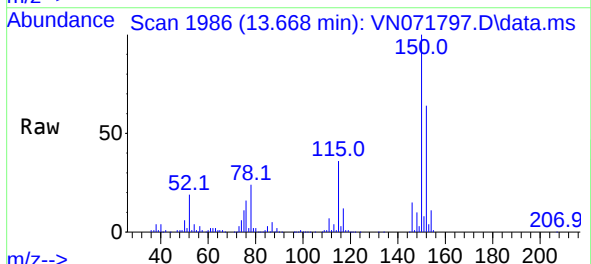
Tgt Ion:173 Resp: 252698
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

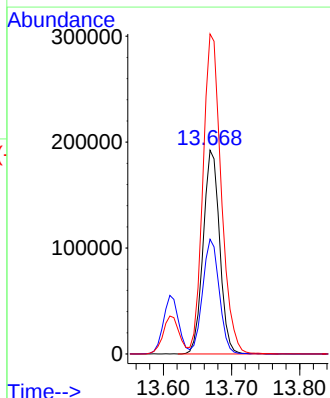
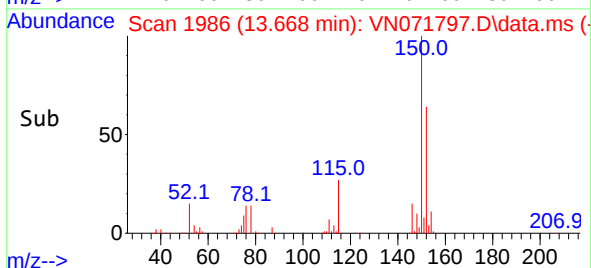
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

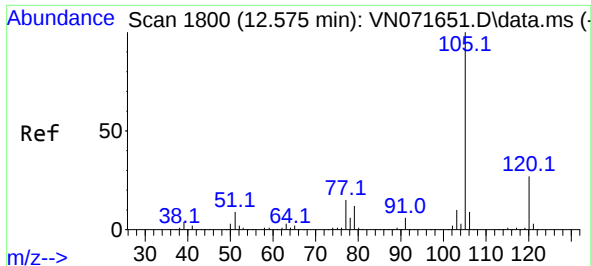


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion:152 Resp: 322899
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 173.9 0.0 356.2





#73
Isopropylbenzene
Concen: 55.549 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

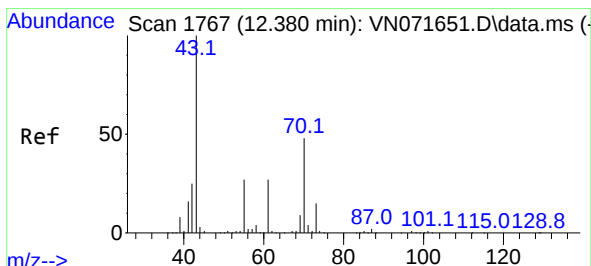
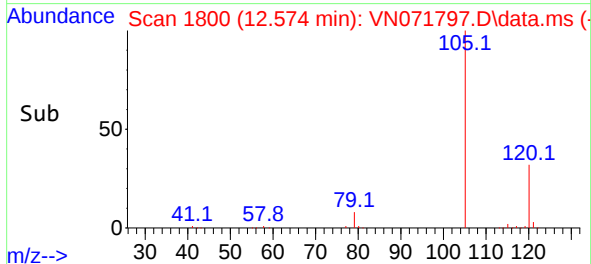
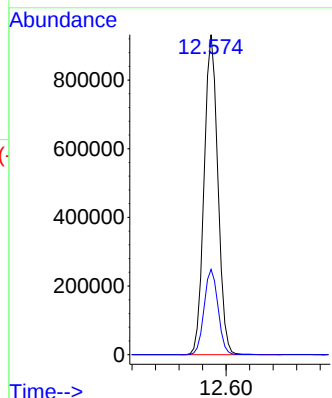
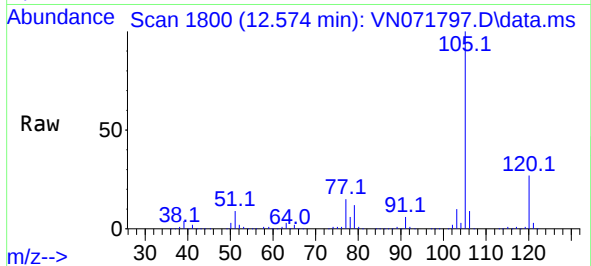
VSTDCCC050

Tgt Ion:105 Resp: 151147
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations

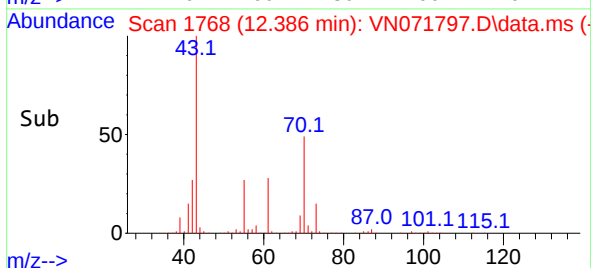
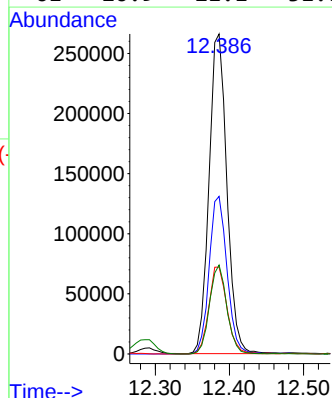
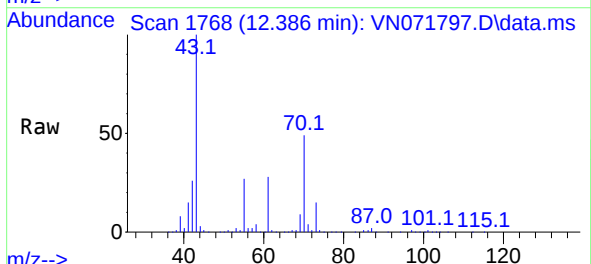
APPROVED

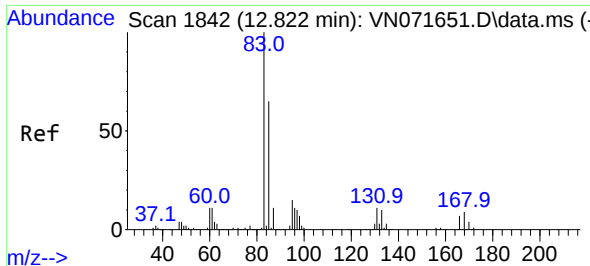
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#74
N-ethyl acetate
Concen: 57.136 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Tgt Ion: 43 Resp: 445442
Ion Ratio Lower Upper
43 100
70 49.4 39.0 58.4
55 27.8 21.1 31.7
61 26.9 21.1 31.7





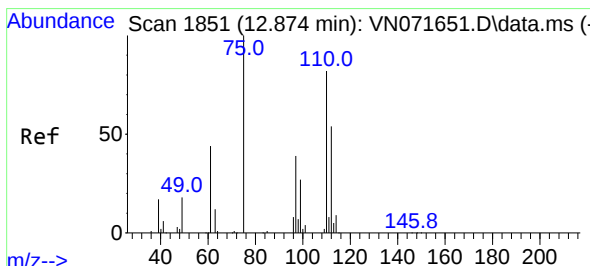
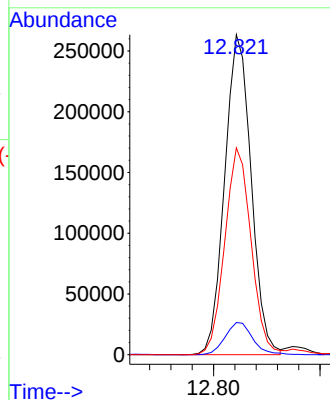
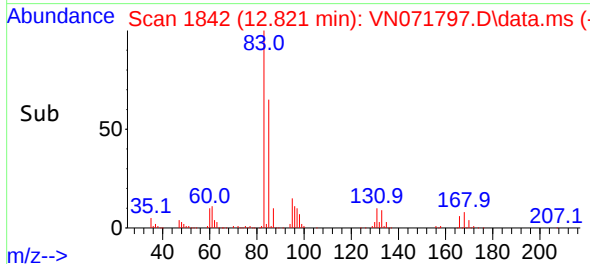
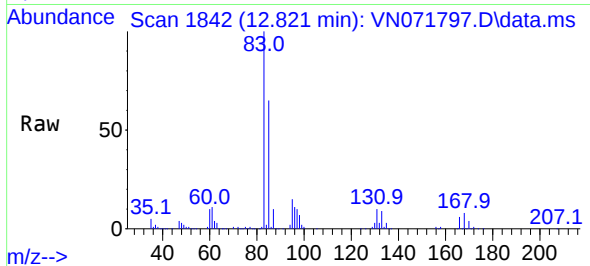
#75
1,1,2,2-Tetrachloroethane
Concen: 50.054 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 454423
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 64.5 32.3 96.9

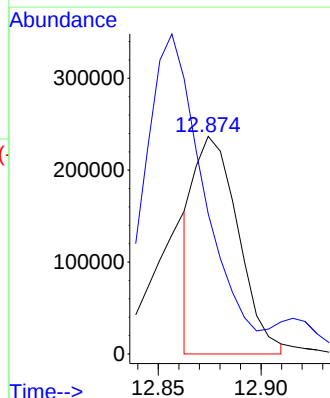
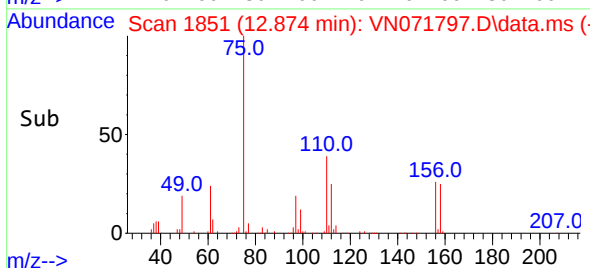
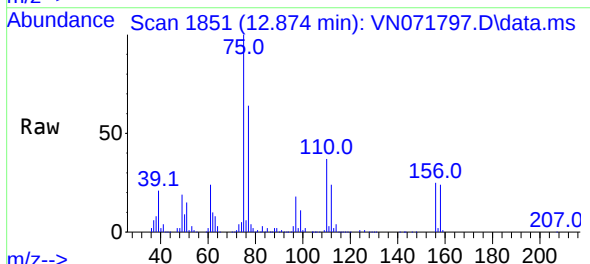
Manual Integrations
APPROVED

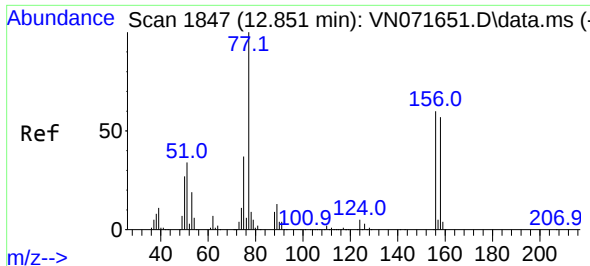
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#76
1,2,3-Trichloropropane
Concen: 47.252 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

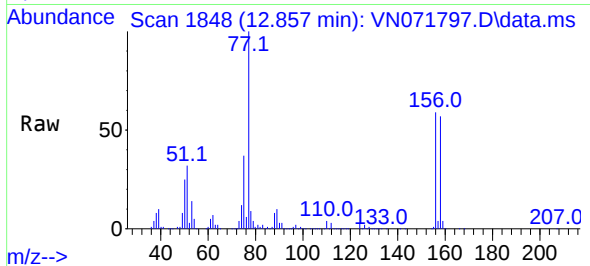
Tgt Ion: 75 Resp: 353452
Ion Ratio Lower Upper
75 100
77 198.3 98.5 295.5





#77
Bromobenzene
Concen: 51.474 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

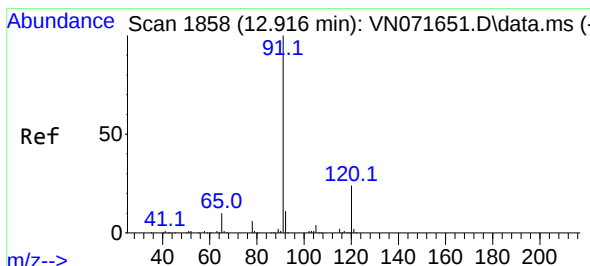
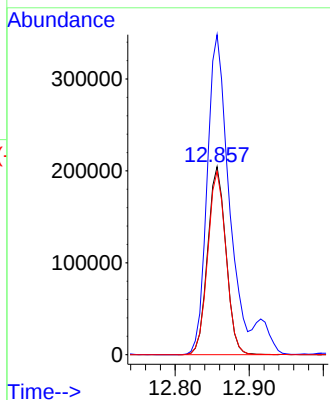
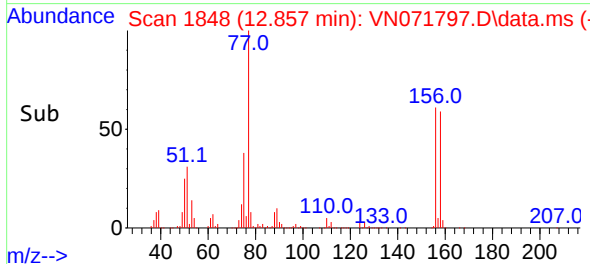
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



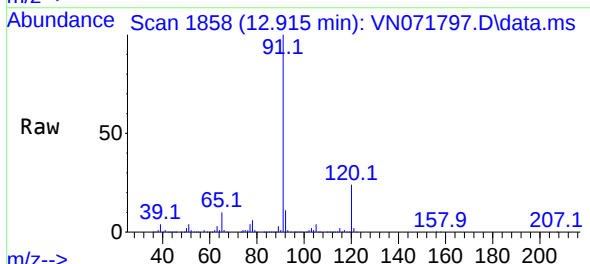
Tgt Ion:156 Resp: 351109
Ion Ratio Lower Upper
156 100
77 199.6 100.5 301.5
158 97.5 48.9 146.6

Manual Integrations
APPROVED

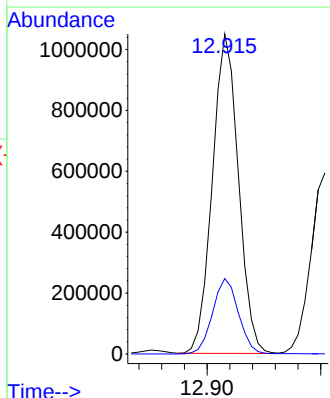
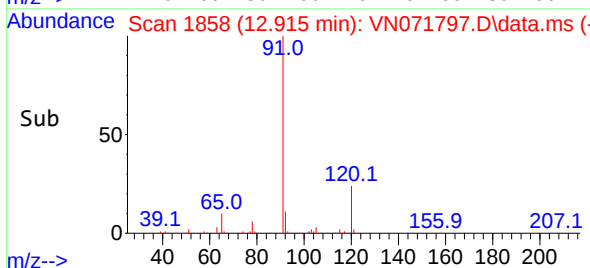
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

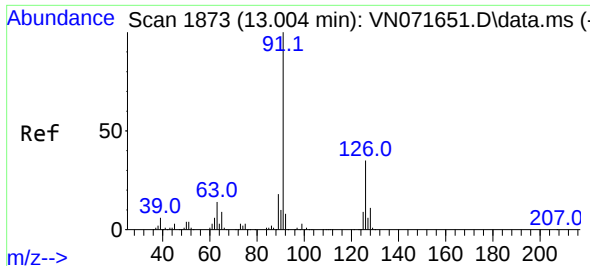


#78
n-propylbenzene
Concen: 58.373 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



Tgt Ion: 91 Resp: 1670765
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 53.994 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

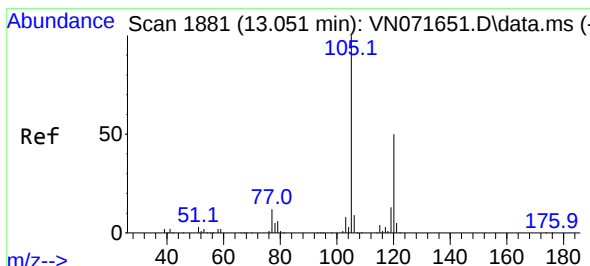
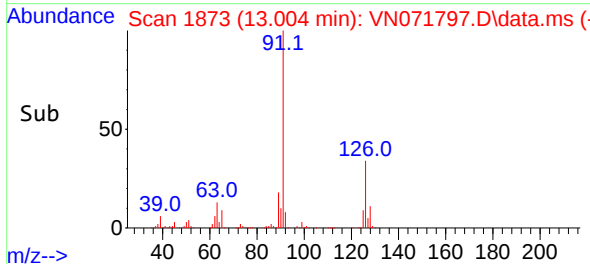
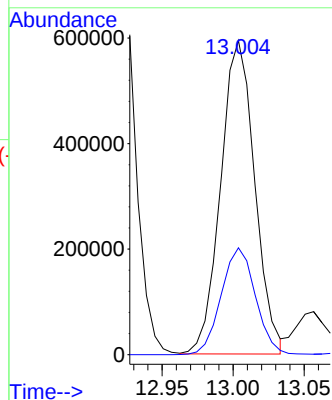
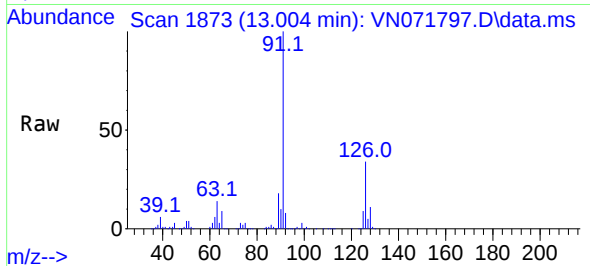
VSTDCCC050

Tgt Ion: 91 Resp: 991111
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.9

Manual Integrations

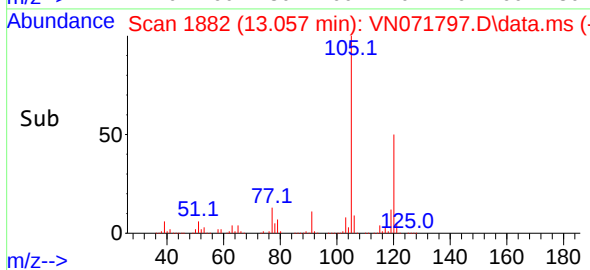
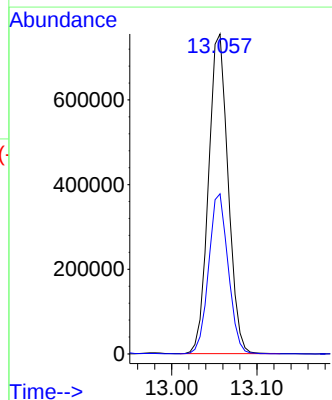
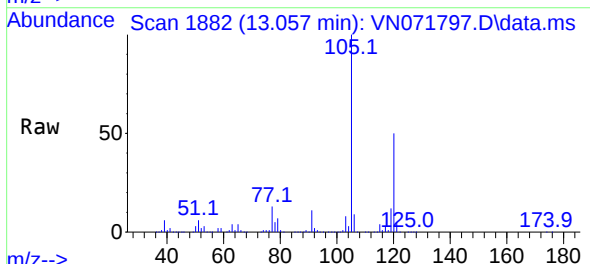
APPROVED

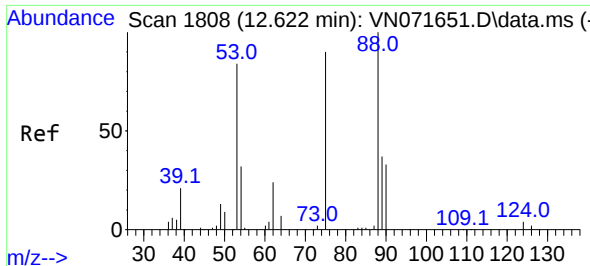
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.991 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

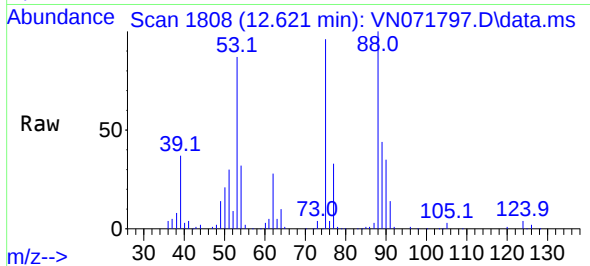
Tgt Ion:105 Resp: 1207084
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 55.346 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

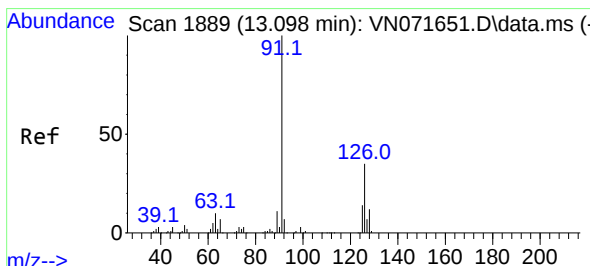
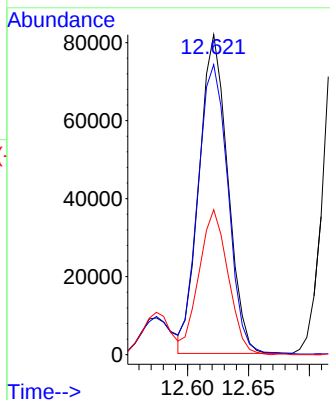
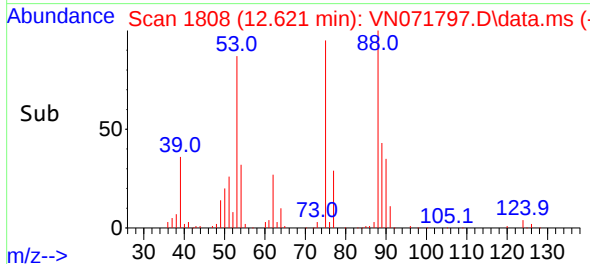
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



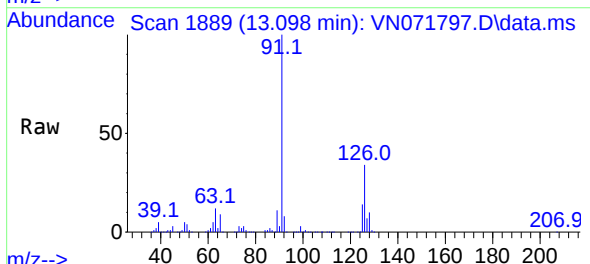
Tgt Ion: 75 Resp: 13359
Ion Ratio Lower Upper
75 100
53 95.7 78.0 117.0
89 46.5 37.2 55.8

Manual Integrations
APPROVED

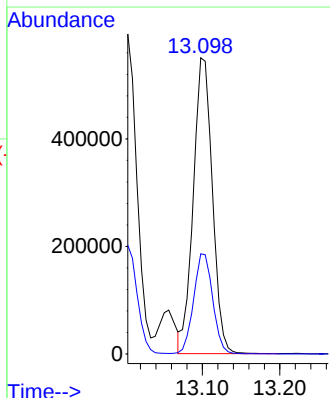
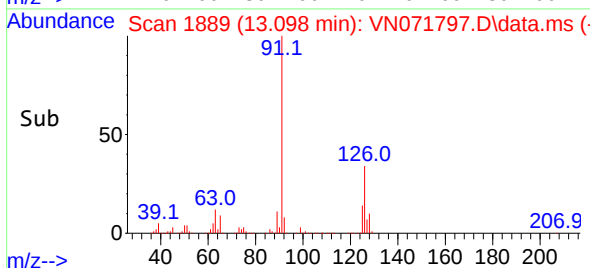
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

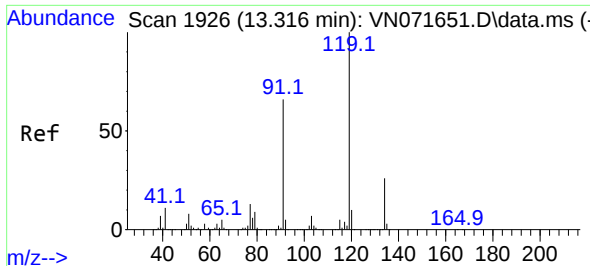


#82
4-Chlorotoluene
Concen: 55.232 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



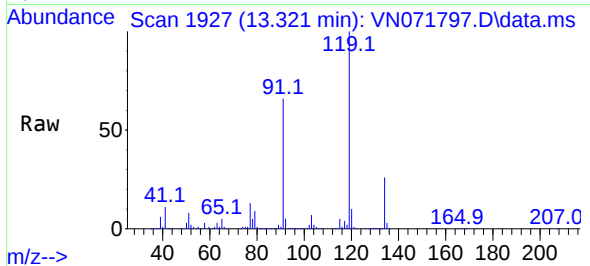
Tgt Ion: 91 Resp: 939736
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 54.760 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

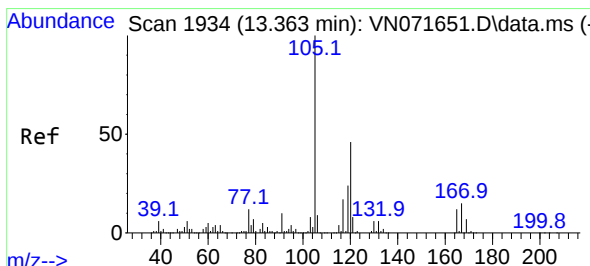
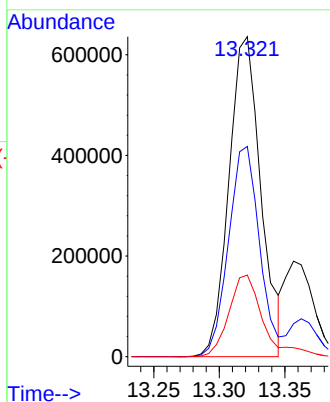
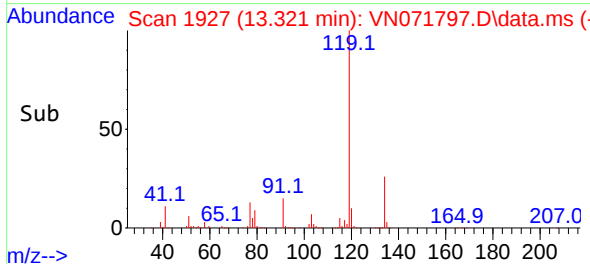
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



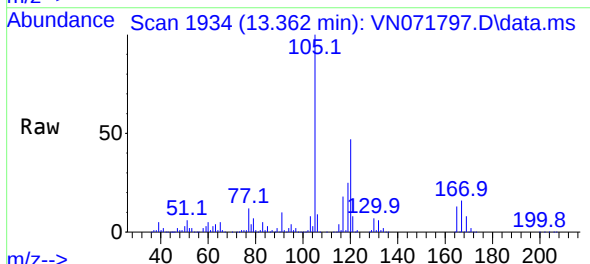
Tgt Ion:119 Resp: 1079154
Ion Ratio Lower Upper
119 100
91 63.6 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
APPROVED

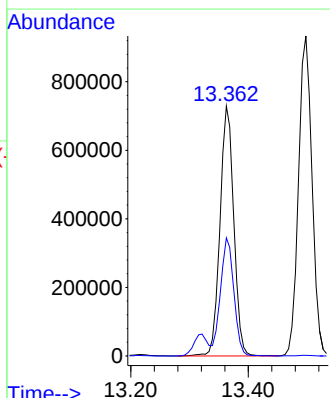
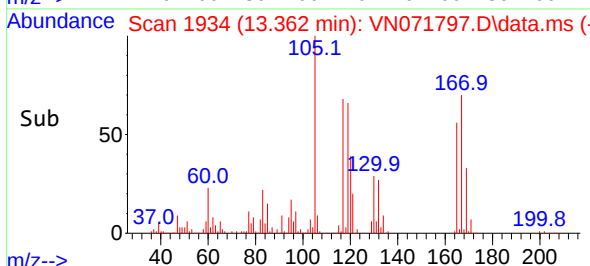
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

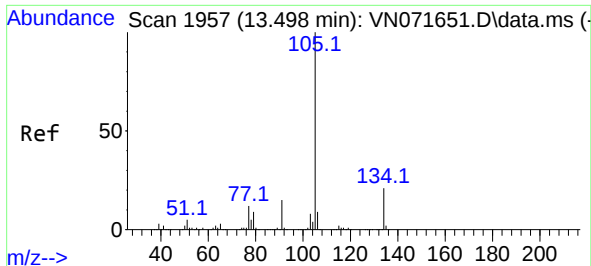


#84
1,2,4-Trimethylbenzene
Concen: 56.415 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



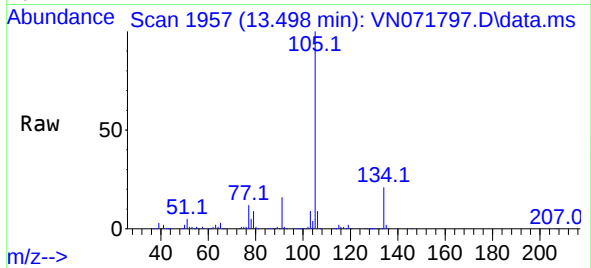
Tgt Ion:105 Resp: 1186675
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 58.261 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071797.D
 Acq: 02 Apr 2022 14:46

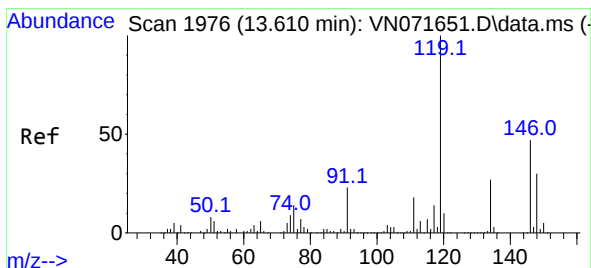
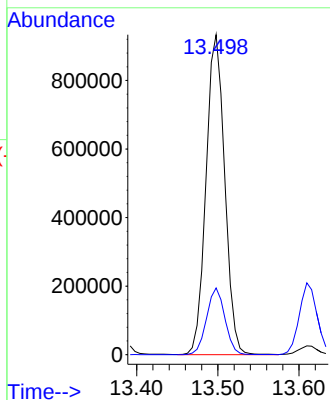
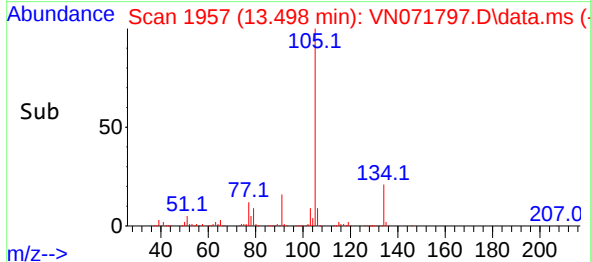
Instrument :
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 ClientSampleId :
 VSTDCCC050



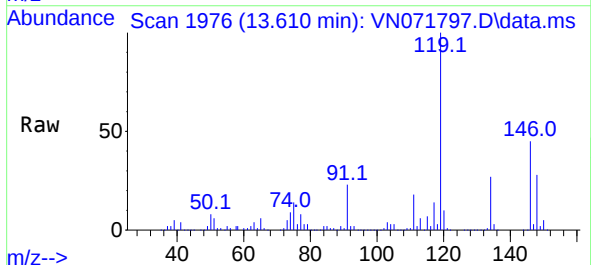
Tgt Ion:105 Resp: 1488370
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

Manual Integrations
 APPROVED

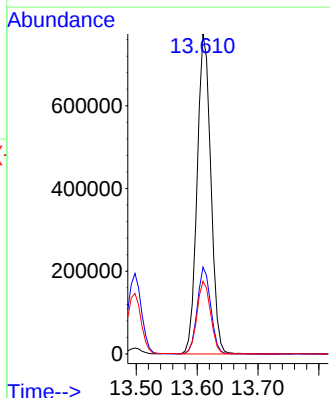
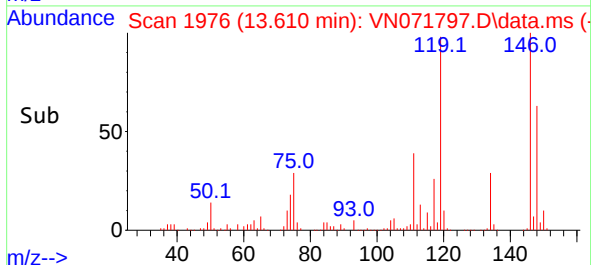
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

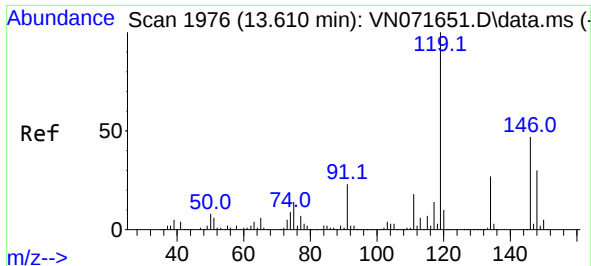


#86
 p-Isopropyltoluene
 Concen: 59.102 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071797.D
 Acq: 02 Apr 2022 14:46



Tgt Ion:119 Resp: 1203852
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.3 11.3 33.9





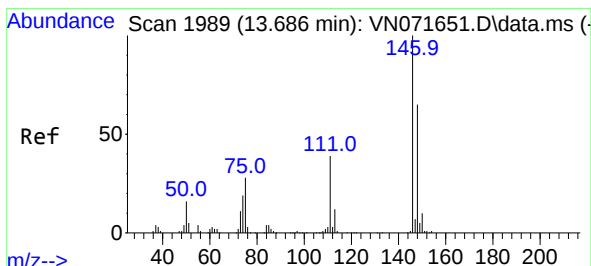
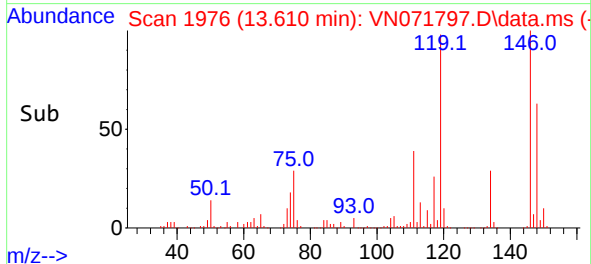
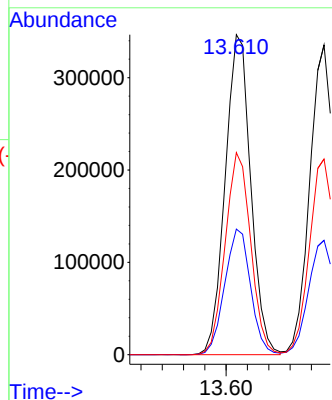
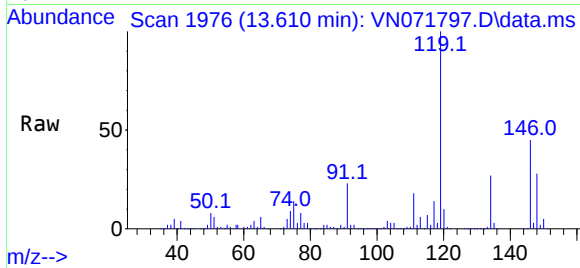
#87
1,3-Dichlorobenzene
Concen: 53.170 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 577790
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 63.1 32.0 96.0

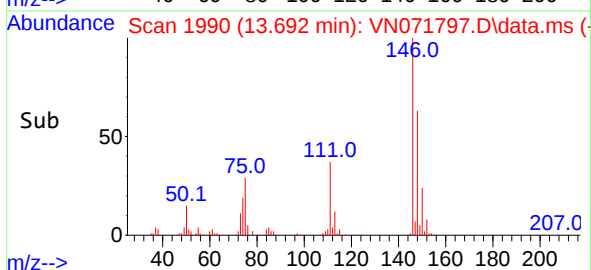
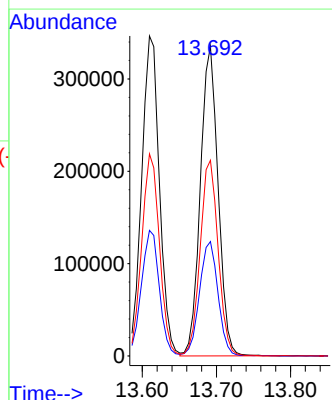
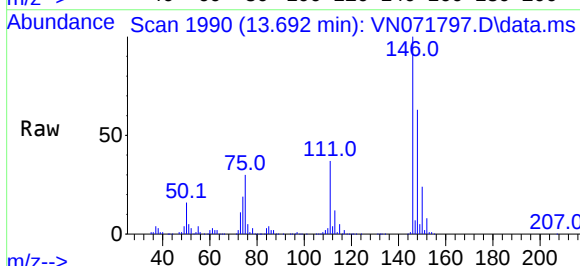
Manual Integrations
APPROVED

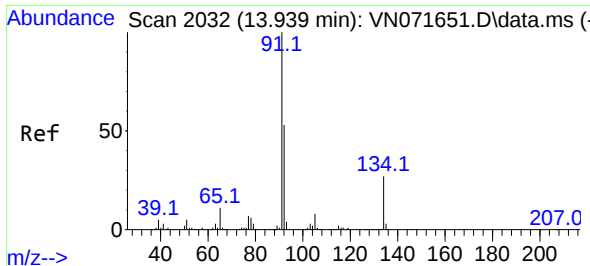
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#88
1,4-Dichlorobenzene
Concen: 52.607 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

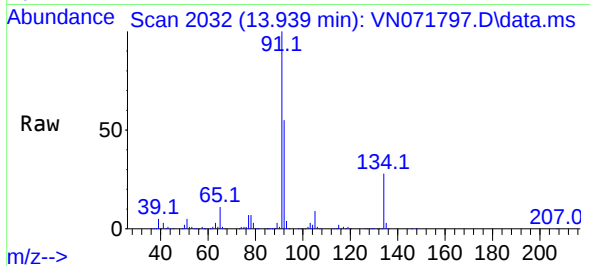
Tgt Ion:146 Resp: 557724
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 64.1 31.4 94.3





#89
n-Butylbenzene
Concen: 60.394 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

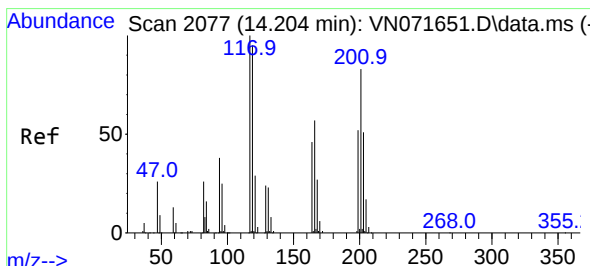
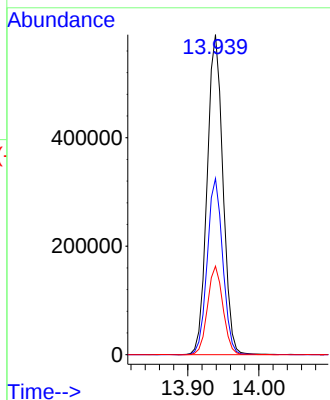
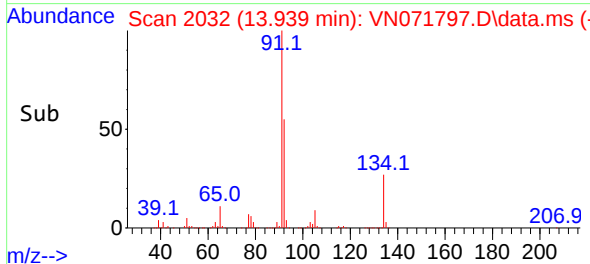
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 912400
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 27.1 13.6 40.8

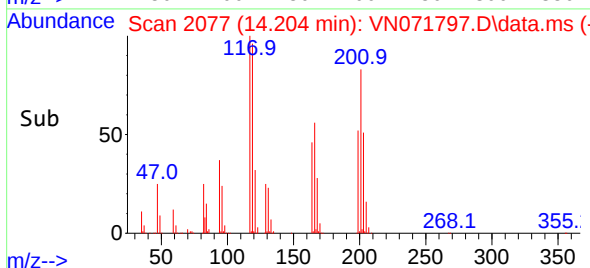
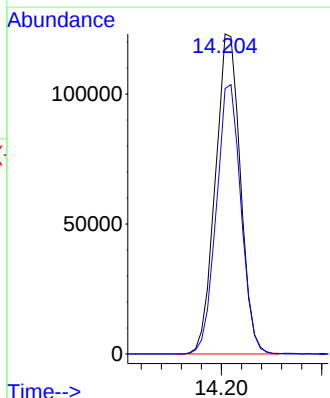
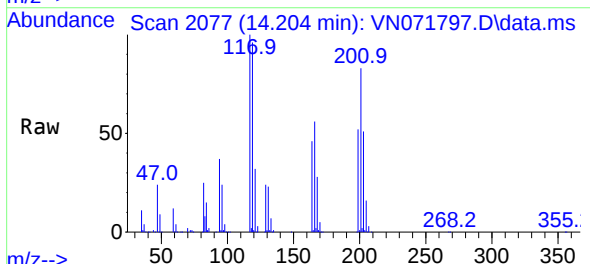
Manual Integrations
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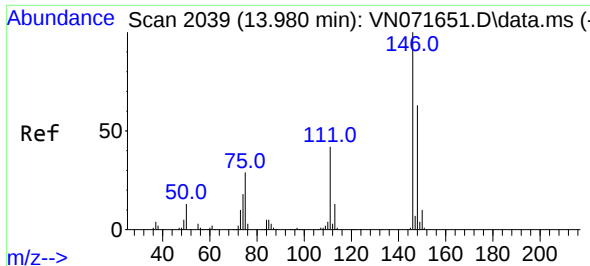
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#90
Hexachloroethane
Concen: 57.215 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

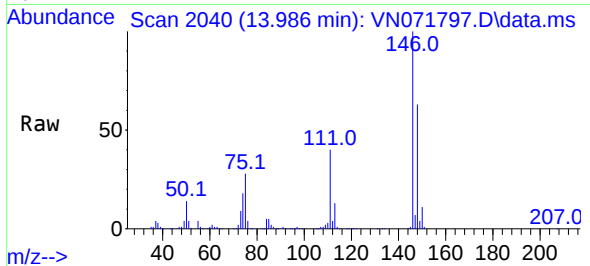
Tgt Ion:117 Resp: 213337
Ion Ratio Lower Upper
117 100
201 83.1 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 52.021 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

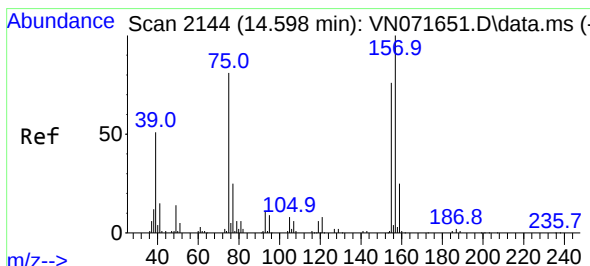
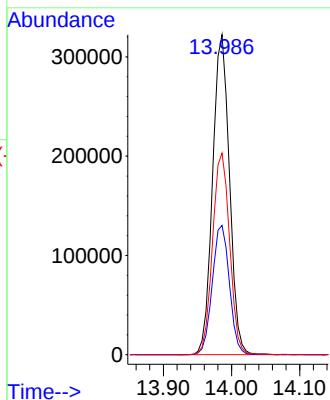
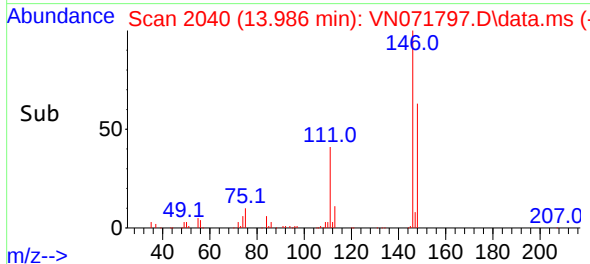
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



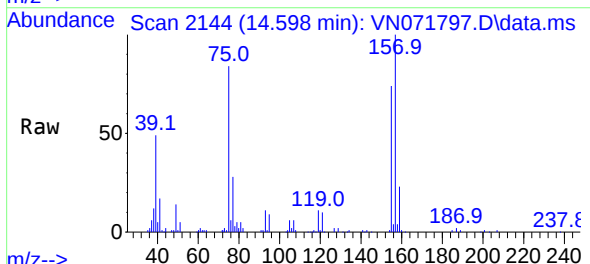
Tgt Ion:146 Resp: 554980
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 63.9 32.1 96.3

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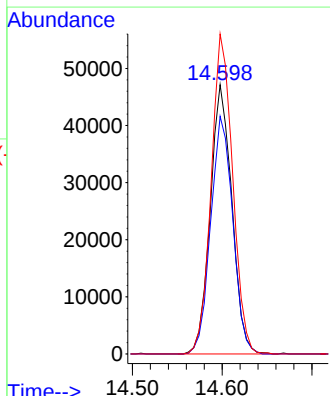
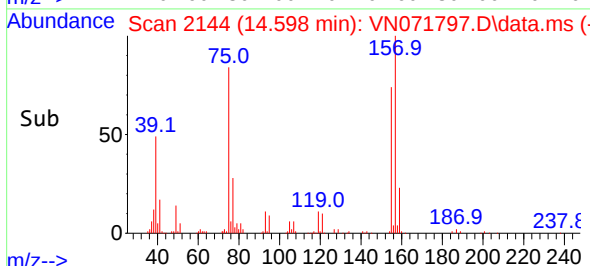
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

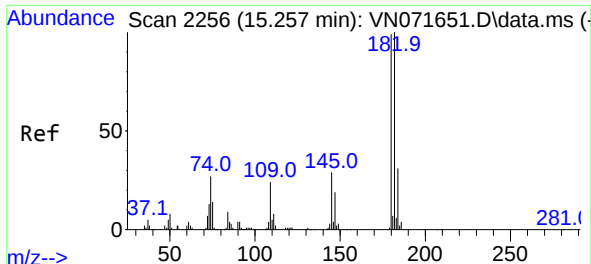


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.962 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



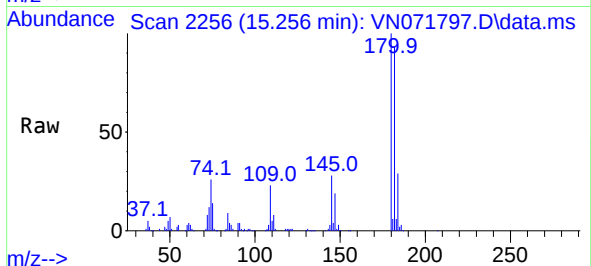
Tgt Ion: 75 Resp: 78806
Ion Ratio Lower Upper
75 100
155 90.0 44.9 134.5
157 118.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 53.190 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

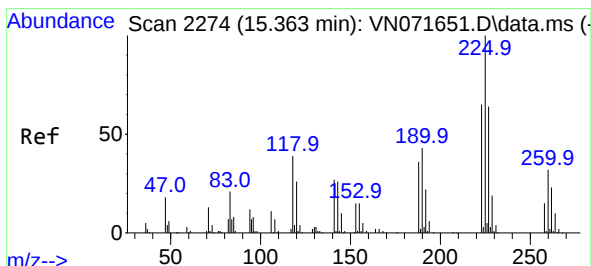
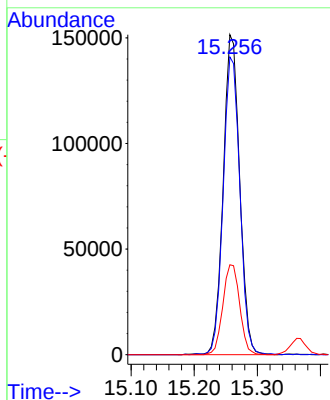
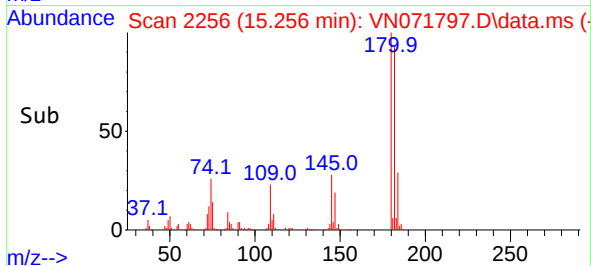
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



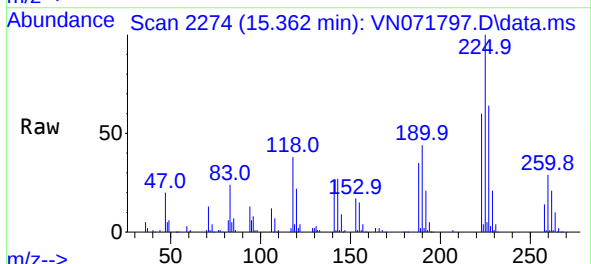
Tgt Ion:180 Resp: 27405
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 28.7 14.5 43.5

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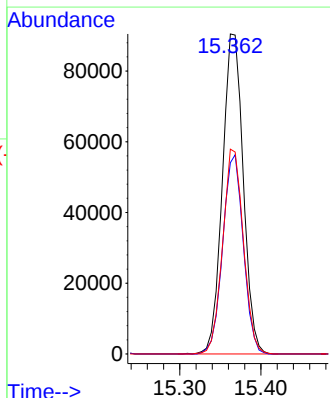
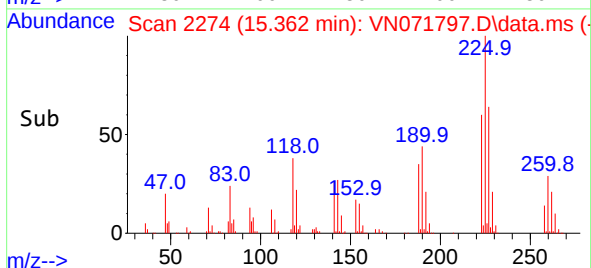
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

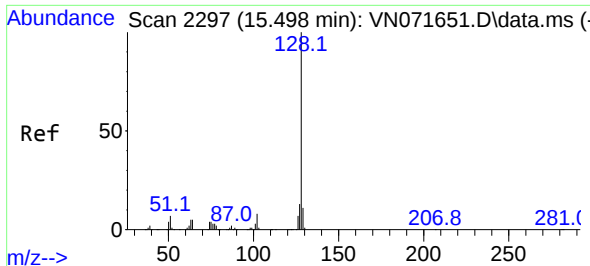


#94
Hexachlorobutadiene
Concen: 51.289 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46



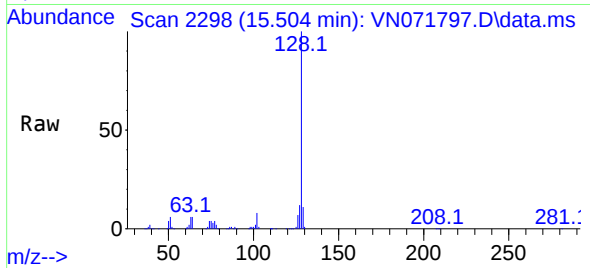
Tgt Ion:225 Resp: 161378
Ion Ratio Lower Upper
225 100
223 61.4 32.4 97.2
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 51.759 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

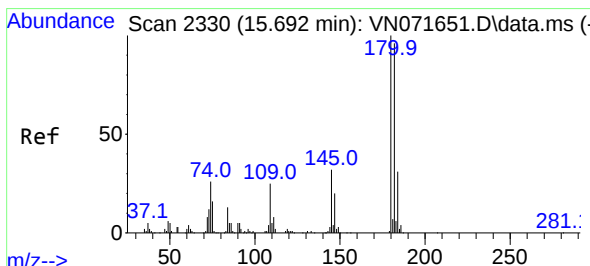
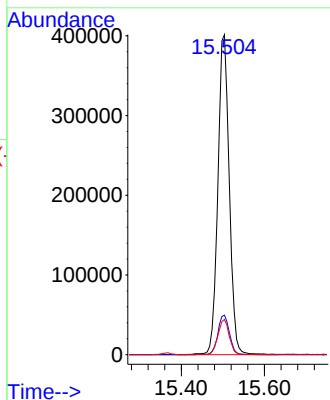
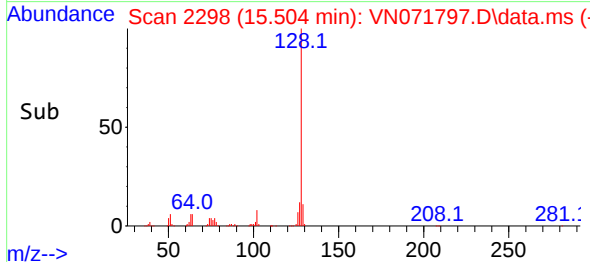
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 763197
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.131 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071797.D
Acq: 02 Apr 2022 14:46

Tgt Ion:180 Resp: 270513
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 30.9 15.5 46.5

