

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071697.D
 Acq On : 31 Mar 2022 07:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 31 07:49:08 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

Manual Integrations APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	565946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	907225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	836882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	340586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	358533	55.492	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.980%
35) Dibromofluoromethane	8.016	113	300543	56.297	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.600%
50) Toluene-d8	10.439	98	1211210	55.462	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.920%
62) 4-Bromofluorobenzene	12.727	95	402836	57.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	218197	48.496	ug/l	98
3) Chloromethane	2.299	50	261393	45.847	ug/l	98
4) Vinyl Chloride	2.440	62	297851	47.571	ug/l	98
5) Bromomethane	2.834	94	180201	44.274	ug/l	96
6) Chloroethane	3.005	64	213026	47.295	ug/l	99
7) Trichlorofluoromethane	3.369	101	370731	46.540	ug/l	98
8) Diethyl Ether	3.822	74	167996	49.902	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	225656	45.969	ug/l	98
10) Methyl Iodide	4.422	142	324357	47.269	ug/l	100
11) Tert butyl alcohol	5.363	59	305928	291.776	ug/l	100
12) 1,1-Dichloroethene	4.187	96	223856	47.921	ug/l	92
13) Acrolein	4.034	56	377531	295.305	ug/l	98
14) Allyl chloride	4.840	41	368288	48.574	ug/l	95
15) Acrylonitrile	5.551	53	832450	273.145	ug/l	99
16) Acetone	4.281	43	664483	240.653	ug/l	96
17) Carbon Disulfide	4.528	76	477414	44.543	ug/l	100
18) Methyl Acetate	4.851	43	363263	53.225	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	874432	50.387	ug/l	98
20) Methylene Chloride	5.093	84	278186	47.800	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	240755	46.948	ug/l	99
22) Diisopropyl ether	6.492	45	827150	50.112	ug/l	98
23) Vinyl Acetate	6.428	43	3573279	272.232	ug/l	100
24) 1,1-Dichloroethane	6.381	63	481004	49.640	ug/l	99
25) 2-Butanone	7.328	43	1070582	268.952	ug/l	99
26) 2,2-Dichloropropane	7.322	77	317723	38.169	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	307972	48.974	ug/l	96
28) Bromochloromethane	7.657	49	190754	48.801	ug/l	97
29) Tetrahydrofuran	7.681	42	706440	274.083	ug/l	99
30) Chloroform	7.816	83	494277	48.309	ug/l	99
31) Cyclohexane	8.092	56	398050	45.303	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	420122	47.997	ug/l	99
36) 1,1-Dichloropropene	8.222	75	349058	46.822	ug/l	100
37) Ethyl Acetate	7.404	43	429270	52.608	ug/l	100
38) Carbon Tetrachloride	8.204	117	347936	47.621	ug/l	99
39) Methylcyclohexane	9.457	83	414983	46.763	ug/l	98
40) Benzene	8.457	78	1108663	47.077	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	196462	49.173	ug/l	99
42) 1,2-Dichloroethane	8.528	62	382489	46.951	ug/l	98
43) Isopropyl Acetate	8.557	43	760444	56.030	ug/l	94
44) Trichloroethene	9.210	130	285152	46.999	ug/l	100
45) 1,2-Dichloropropane	9.486	63	284793	48.408	ug/l	99
46) Dibromomethane	9.575	93	191916	48.045	ug/l	99
47) Bromodichloromethane	9.757	83	391467	49.785	ug/l	100
48) Methyl methacrylate	9.557	41	302708	53.759	ug/l	97
49) 1,4-Dioxane	9.563	88	142481	1067.524	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	2127170	272.601	ug/l	99
52) Toluene	10.498	92	725612	48.743	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	408453	49.564	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	446951	49.085	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	296660	48.421	ug/l	99
56) Ethyl methacrylate	10.757	69	473590	54.185	ug/l	97
57) 1,3-Dichloropropane	11.039	76	503366	49.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	636902	237.600	ug/l	100
59) 2-Hexanone	11.080	43	1562741	284.451	ug/l	98
60) Dibromochloromethane	11.233	129	304611	50.990	ug/l	99
61) 1,2-Dibromoethane	11.339	107	302011	50.077	ug/l	99
64) Tetrachloroethene	10.975	164	242159	43.820	ug/l	96
65) Chlorobenzene	11.763	112	788659	47.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	289447	47.868	ug/l	99
67) Ethyl Benzene	11.839	91	1386831	48.887	ug/l	99
68) m/p-Xylenes	11.945	106	1067144	97.906	ug/l	99
69) o-Xylene	12.274	106	540799	49.988	ug/l	98
70) Styrene	12.292	104	861763	52.573	ug/l	100
71) Bromoform	12.457	173	238174	51.723	ug/l #	100
73) Isopropylbenzene	12.574	105	1372349	47.817	ug/l	99
74) N-amyl acetate	12.380	43	450399	54.772	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	452165	47.218	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	347630m	44.060	ug/l	
77) Bromobenzene	12.857	156	327563	45.528	ug/l	99
78) n-propylbenzene	12.916	91	1480411	49.036	ug/l	100
79) 2-Chlorotoluene	13.004	91	914873	47.253	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1105800	48.629	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	127482	50.072	ug/l	97
82) 4-Chlorotoluene	13.098	91	855380	47.663	ug/l	99
83) tert-Butylbenzene	13.321	119	1002833	48.245	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1078245	48.598	ug/l	99
85) sec-Butylbenzene	13.498	105	1333209	49.477	ug/l	100
86) p-Isopropyltoluene	13.610	119	1076677	50.113	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	539753	47.090	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	521297	46.373	ug/l	99
89) n-Butylbenzene	13.939	91	786561	49.360	ug/l	100
90) Hexachloroethane	14.204	117	197337	50.175	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	525353	46.687	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	80661	54.304	ug/l	100
93) 1,2,4-Trichlorobenzene	15.257	180	248383	45.998	ug/l	99
94) Hexachlorobutadiene	15.363	225	137098	41.310	ug/l	99
95) Naphthalene	15.504	128	776218	50.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	248631	47.479	ug/l	99

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Instrument :
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ClientSampleId :
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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

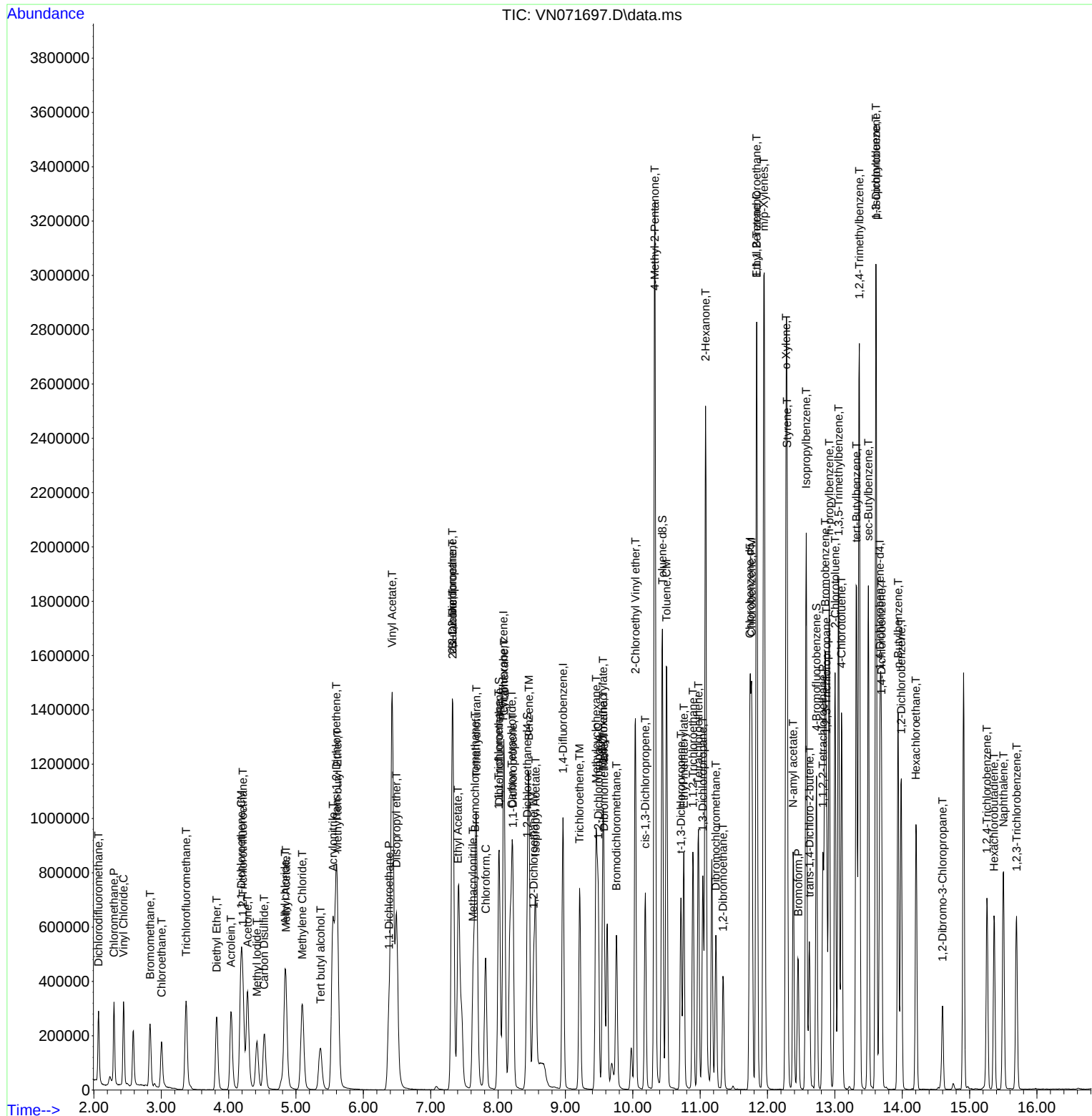
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 Data File : VN071697.D
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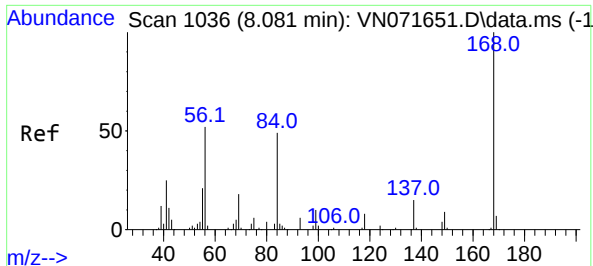
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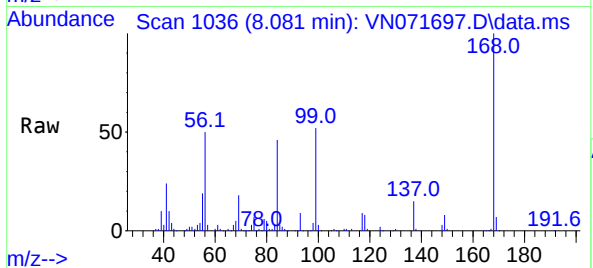
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071697.D
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VSTDCCC050EC

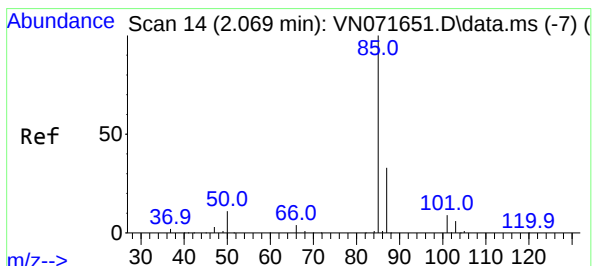
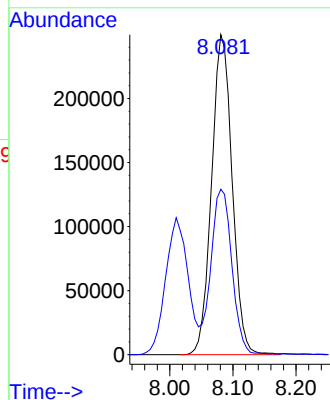
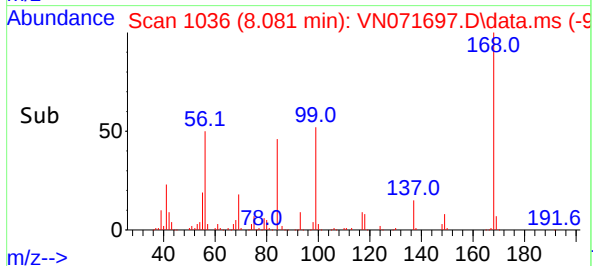


Tgt Ion:168 Resp: 565940
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5

Manual Integrations

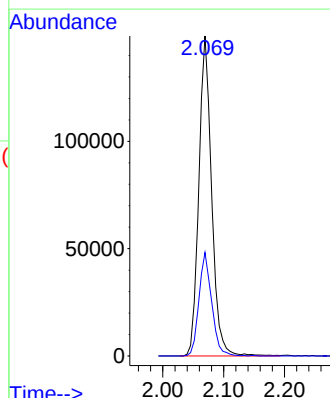
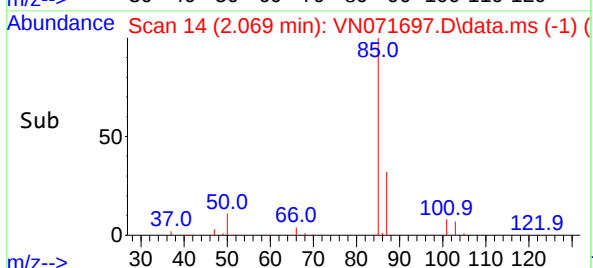
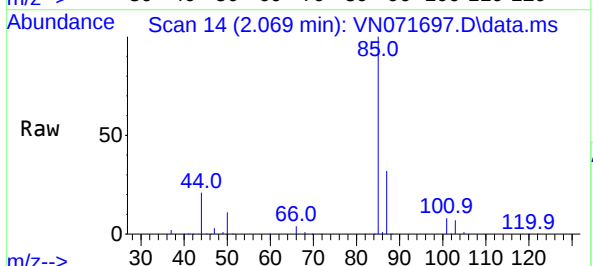
APPROVED

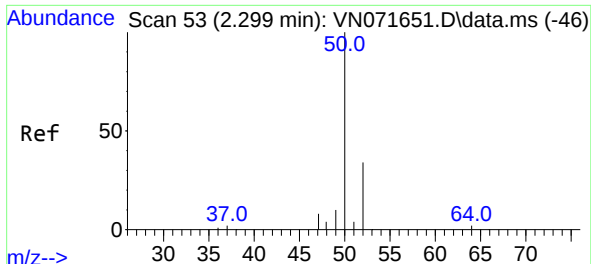
Reviewed By :John Carlone 03/31/2022
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Dichlorodifluoromethane
Concen: 48.496 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071697.D
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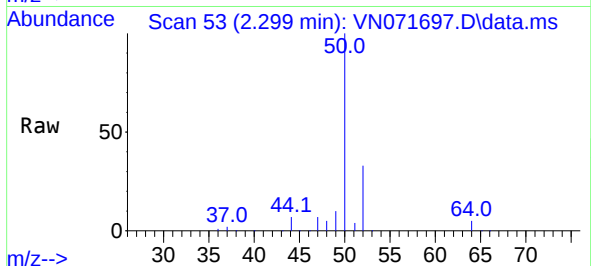
Tgt Ion: 85 Resp: 218197
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1





#3
Chloromethane
Concen: 45.847 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

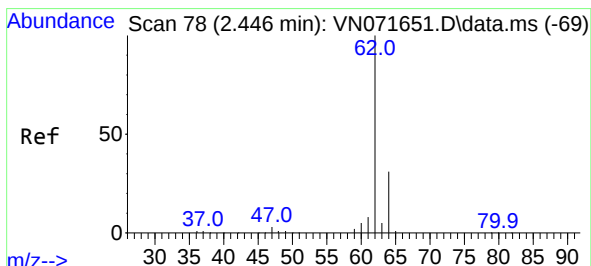
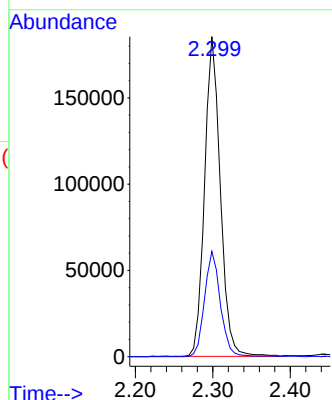
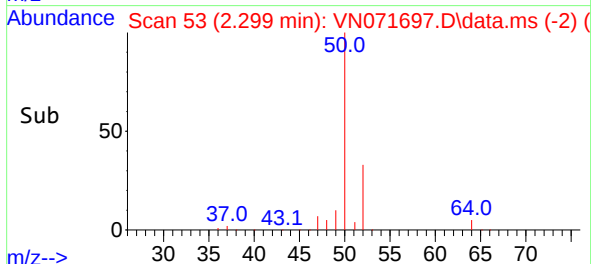
Instrument :
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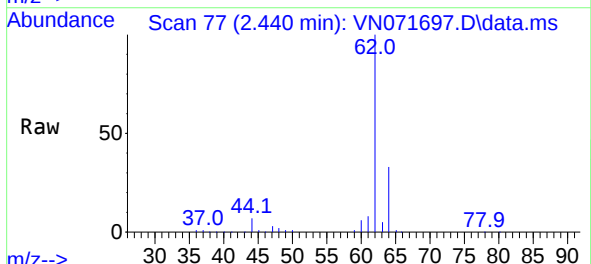
Tgt Ion: 50 Resp: 26139
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5

Manual Integrations
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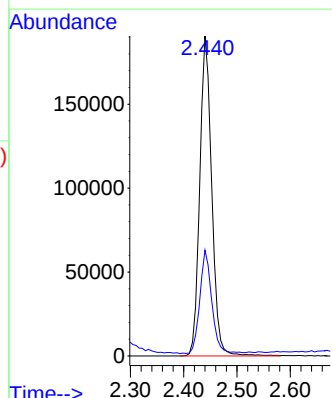
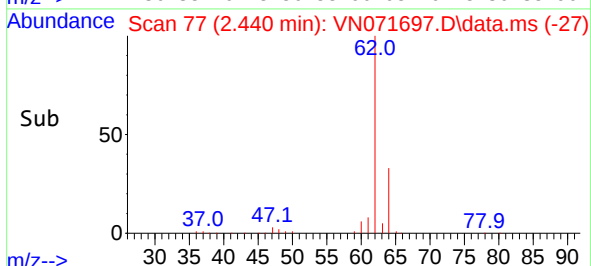
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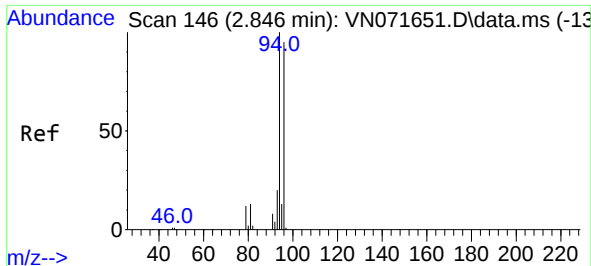


#4
Vinyl Chloride
Concen: 47.571 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



Tgt Ion: 62 Resp: 297851
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





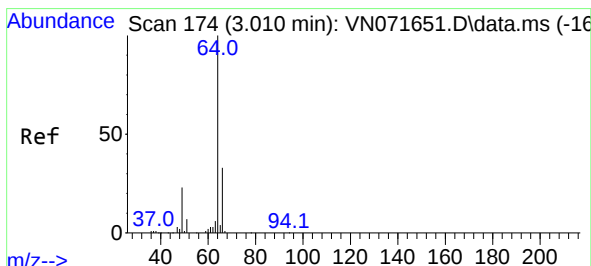
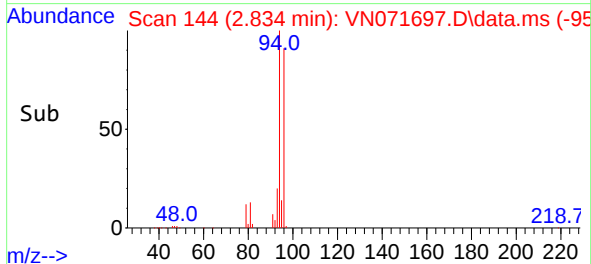
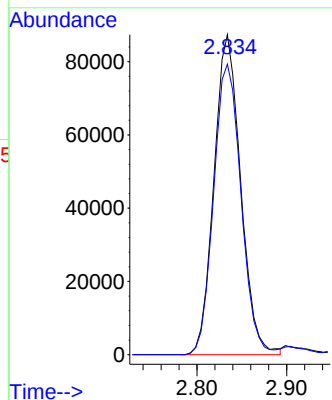
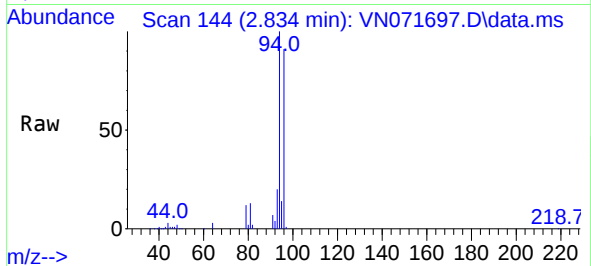
#5
Bromomethane
Concen: 44.274 ug/l
RT: 2.834 min Scan# 146
Delta R.T. -0.012 min
Lab File: VN071697.D
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Tgt Ion: 94 Resp: 18020
Ion Ratio Lower Upper
94 100
96 90.8 76.0 114.0

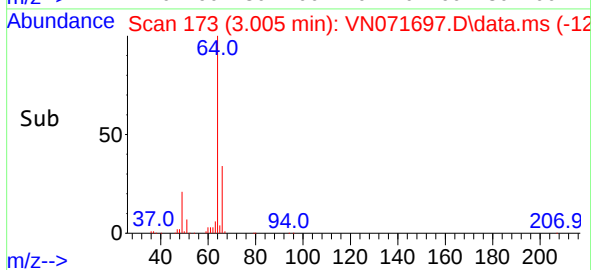
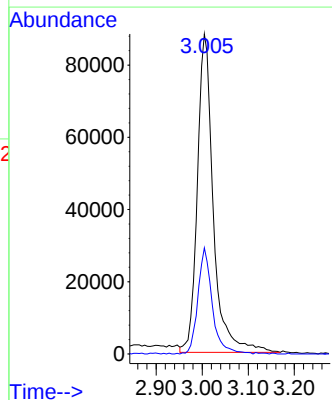
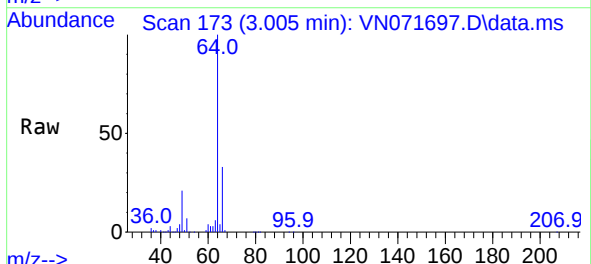
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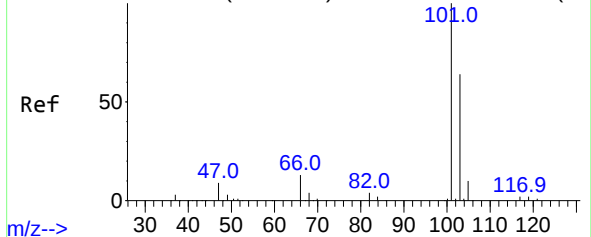


#6
Chloroethane
Concen: 47.295 ug/l
RT: 3.005 min Scan# 173
Delta R.T. -0.005 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Tgt Ion: 64 Resp: 213026
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4



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



#7

Trichlorofluoromethane

Concen: 46.540 ug/l

RT: 3.369 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071697.D

Acq: 31 Mar 2022 07:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 37073

Ion Ratio Lower Upper

101 100

103 65.7 51.5 77.3

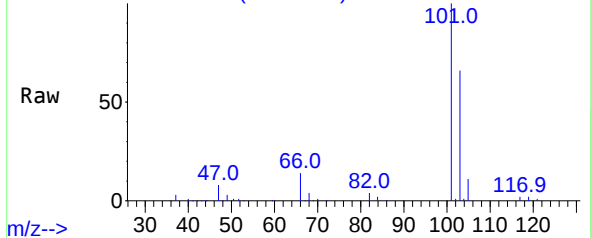
Manual Integrations

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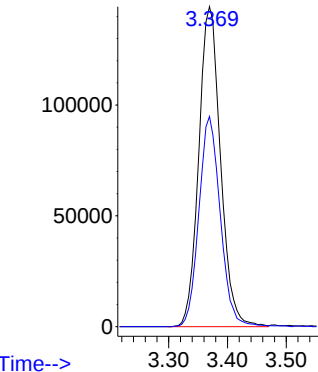
Reviewed By :John Carlone 03/31/2022

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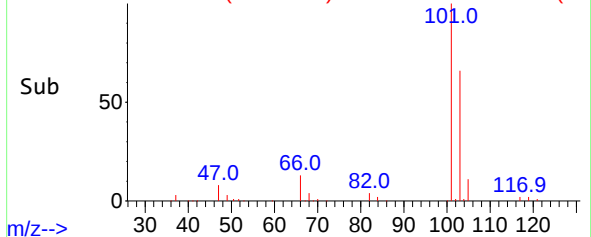
Abundance Scan 235 (3.369 min): VN071697.D\data.ms



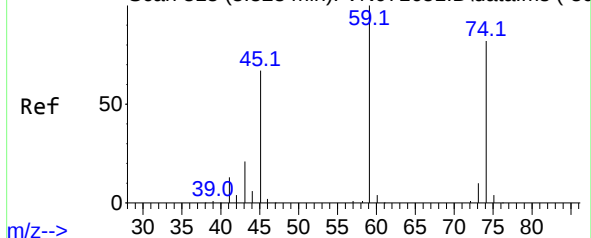
Abundance



Abundance Scan 235 (3.369 min): VN071697.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN071651.D\data.ms (-30



#8

Diethyl Ether

Concen: 49.902 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071697.D

Acq: 31 Mar 2022 07:21

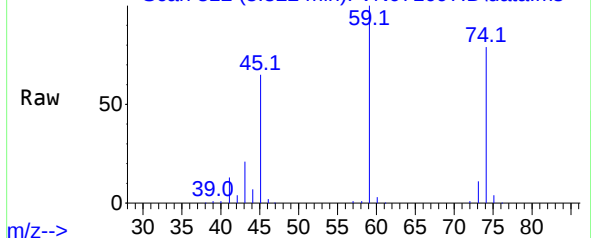
Tgt Ion: 74 Resp: 167996

Ion Ratio Lower Upper

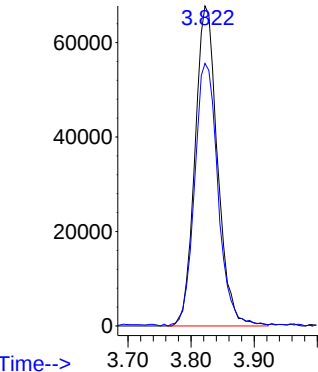
74 100

45 85.6 42.9 128.5

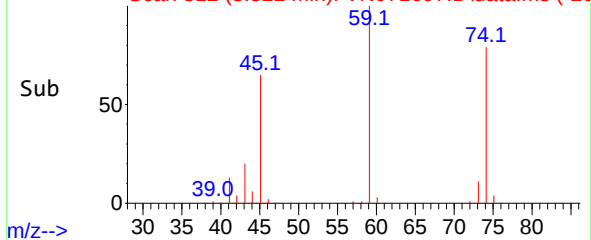
Abundance Scan 312 (3.822 min): VN071697.D\data.ms



Abundance



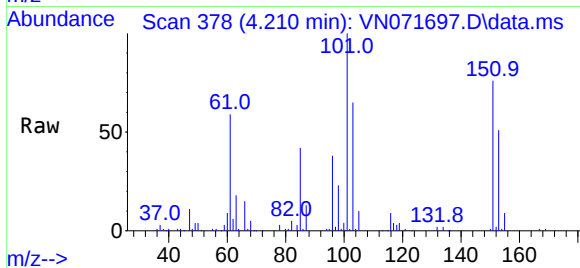
Abundance Scan 312 (3.822 min): VN071697.D\data.ms (-26





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.969 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

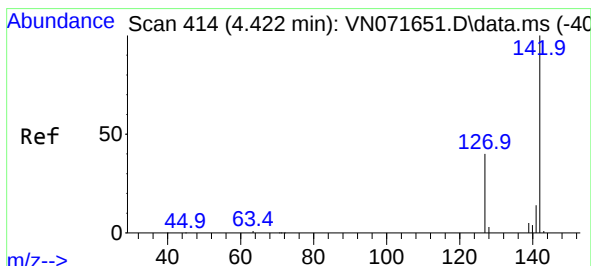
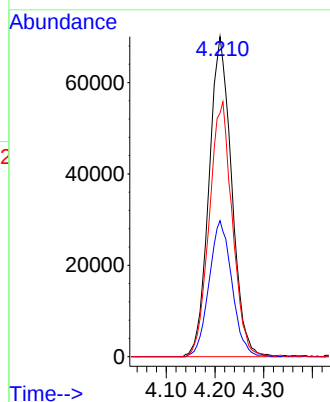
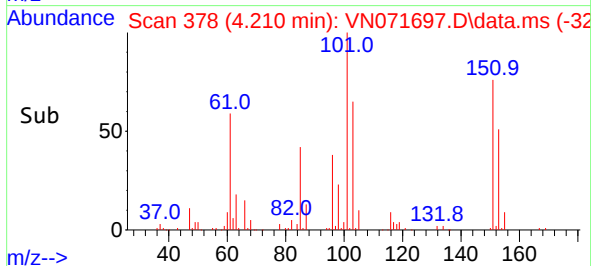
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



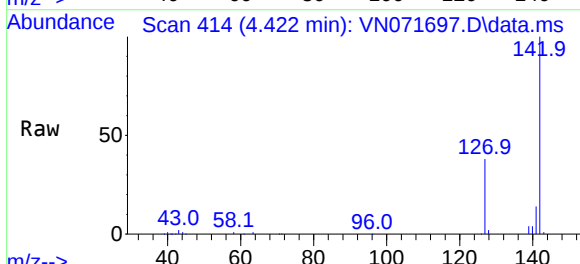
Tgt Ion:101 Resp: 225650
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 81.0 63.0 94.4

Manual Integrations
APPROVED

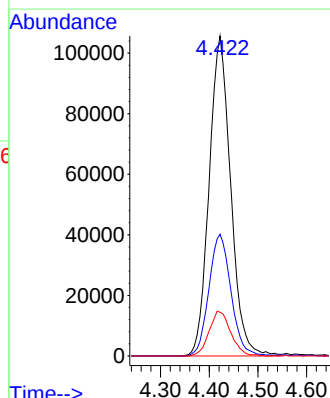
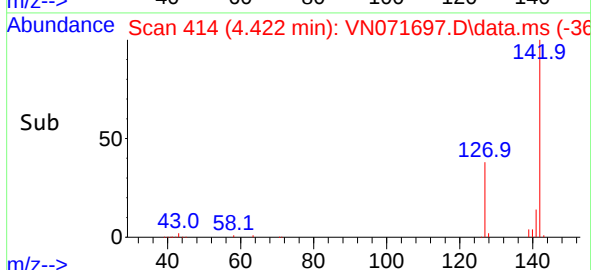
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Methyl Iodide
Concen: 47.269 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



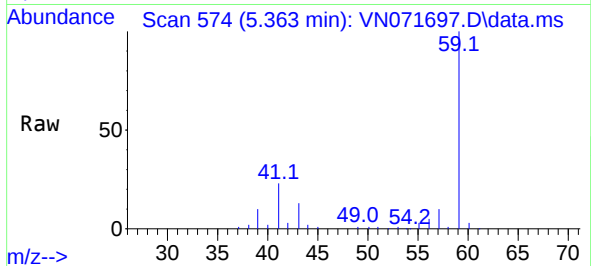
Tgt Ion:142 Resp: 324357
Ion Ratio Lower Upper
142 100
127 39.0 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 291.776 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

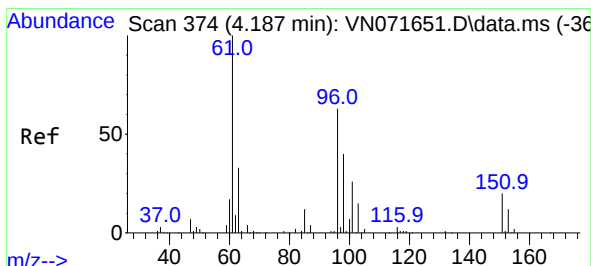
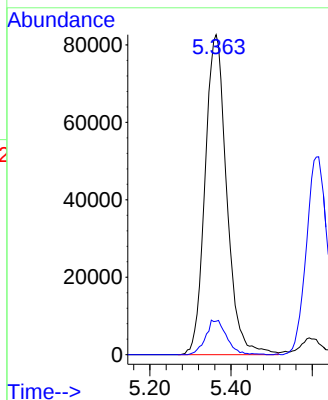
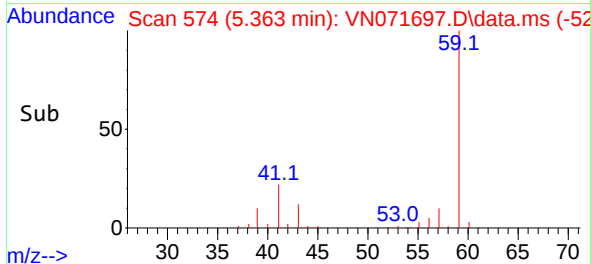
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



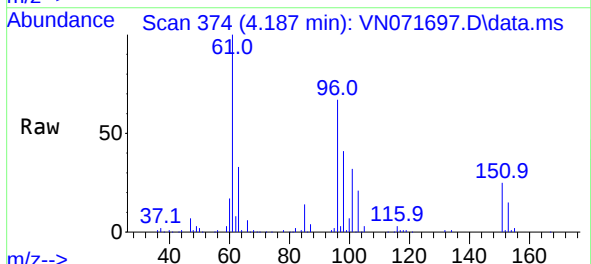
Tgt Ion: 59 Resp: 305928
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

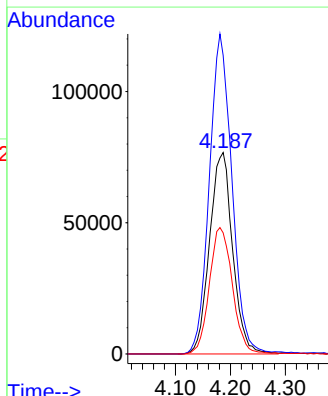
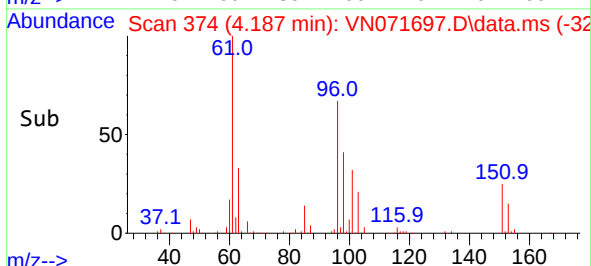
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#12
1,1-Dichloroethene
Concen: 47.921 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



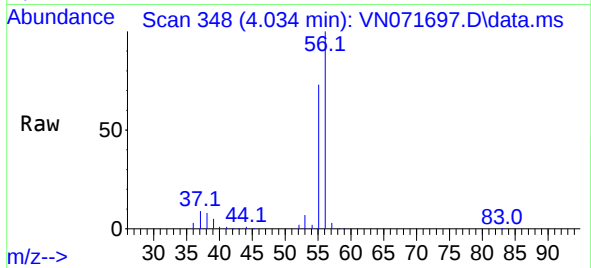
Tgt Ion: 96 Resp: 223856
Ion Ratio Lower Upper
96 100
61 148.2 127.6 191.4
98 60.1 51.2 76.8





#13
Acrolein
Concen: 295.305 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

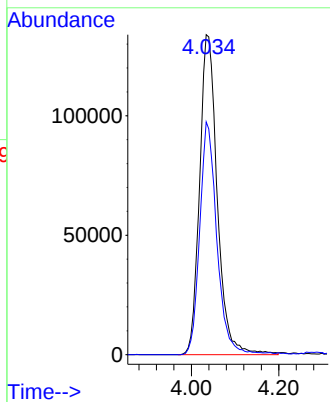
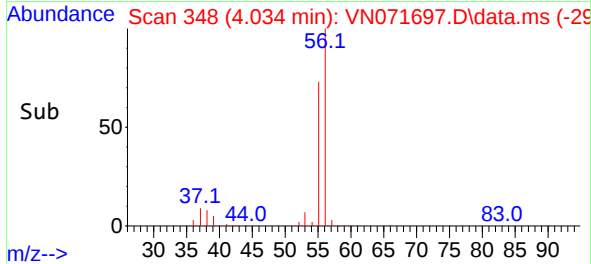
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



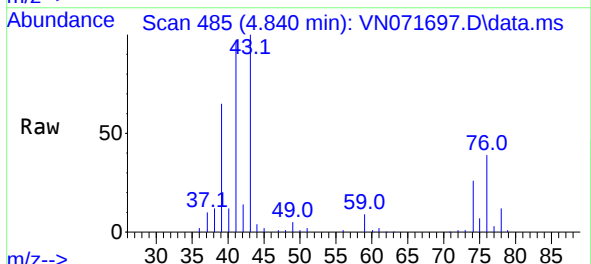
Tgt Ion: 56 Resp: 37753
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2

Manual Integrations
APPROVED

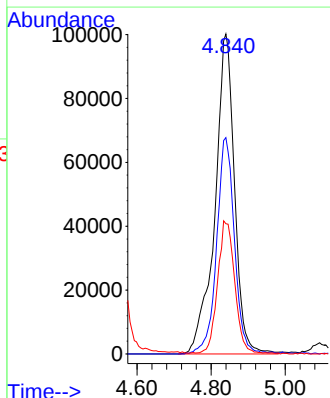
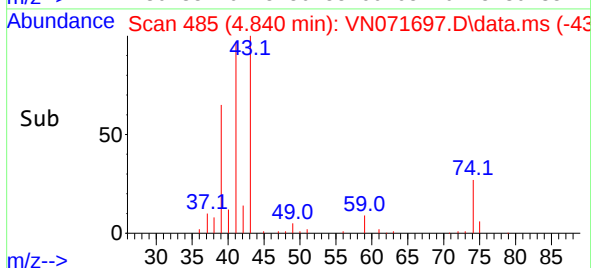
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#14
Allyl chloride
Concen: 48.574 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



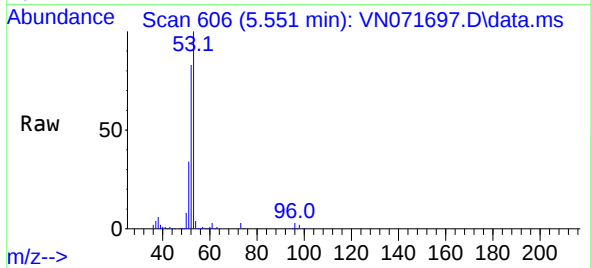
Tgt Ion: 41 Resp: 368288
Ion Ratio Lower Upper
41 100
39 61.4 53.2 79.8
76 36.7 29.9 44.9





#15
Acrylonitrile
Concen: 273.145 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

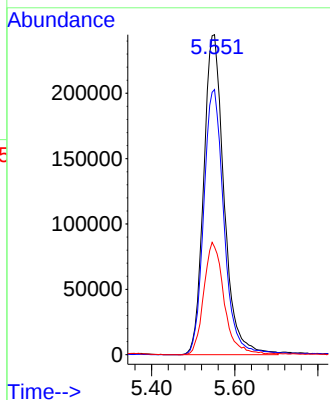
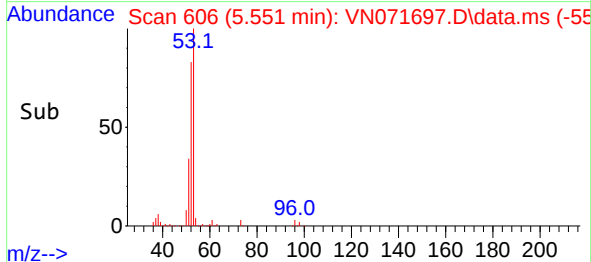
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



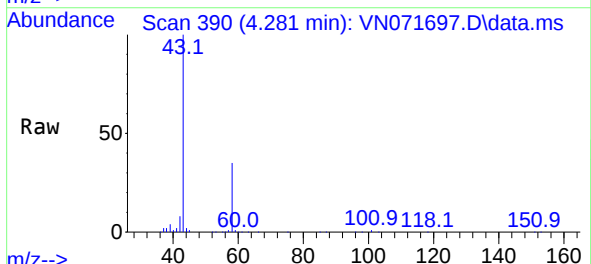
Tgt Ion: 53 Resp: 832450
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 35.0 28.5 42.7

Manual Integrations
APPROVED

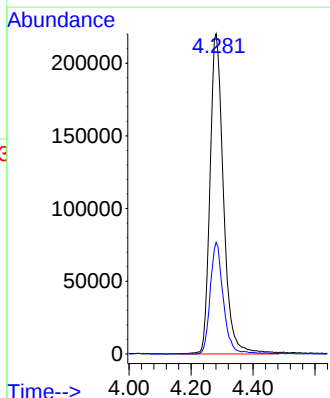
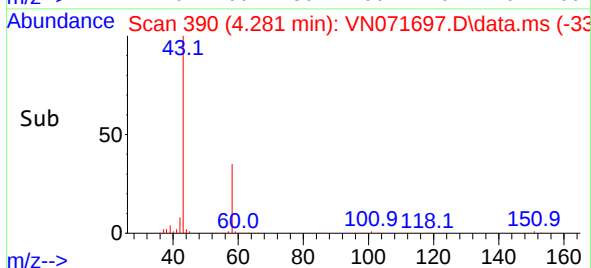
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

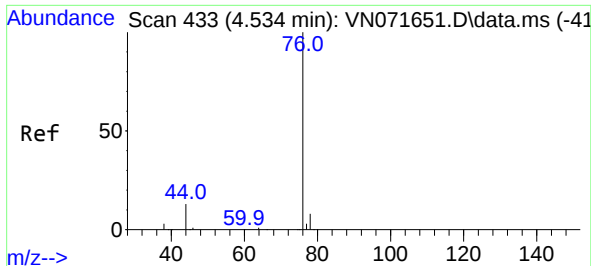


#16
Acetone
Concen: 240.653 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



Tgt Ion: 43 Resp: 664483
Ion Ratio Lower Upper
43 100
58 34.7 26.0 39.0





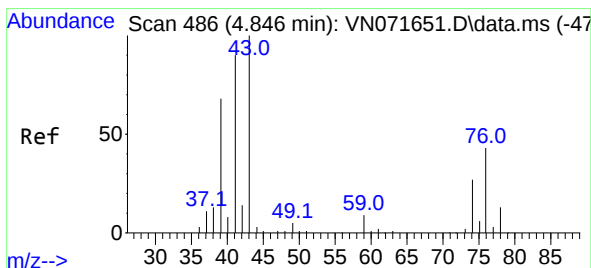
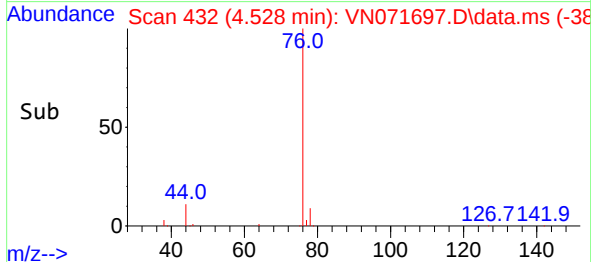
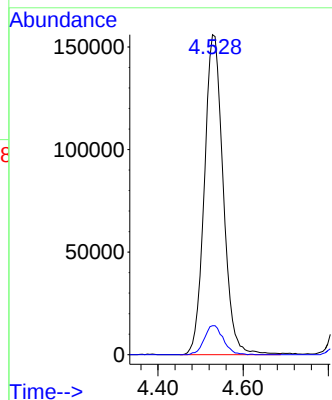
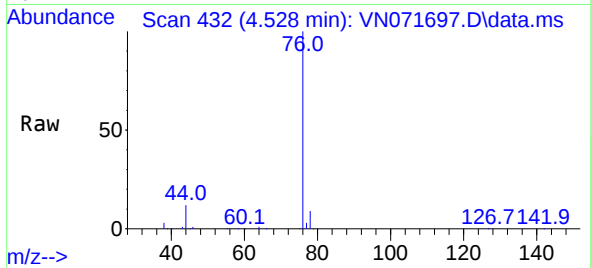
#17
Carbon Disulfide
Concen: 44.543 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 477414
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

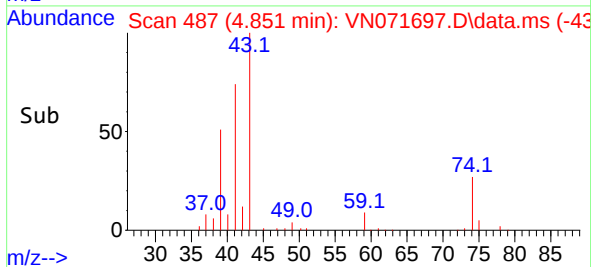
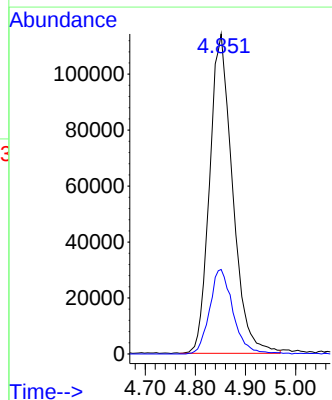
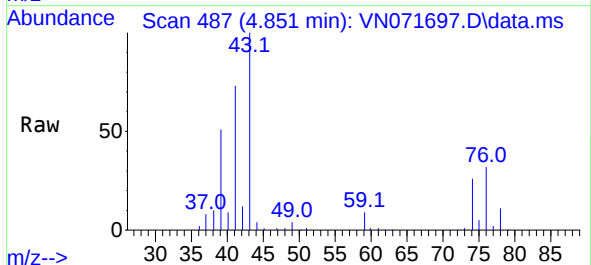
Manual Integrations
APPROVED

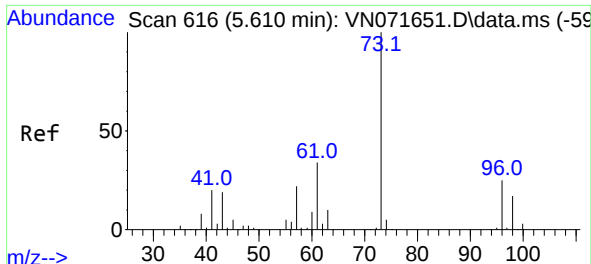
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#18
Methyl Acetate
Concen: 53.225 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Tgt Ion: 43 Resp: 363263
Ion Ratio Lower Upper
43 100
74 27.0 21.6 32.4





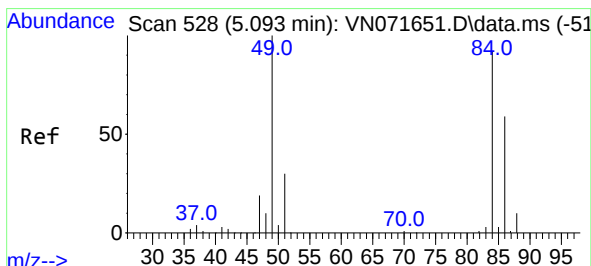
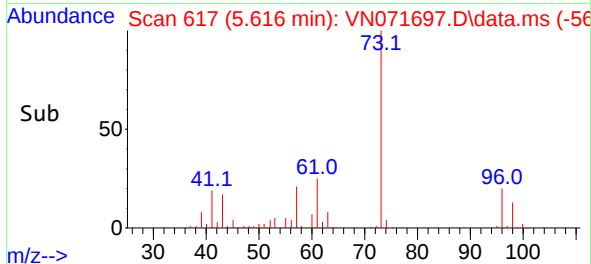
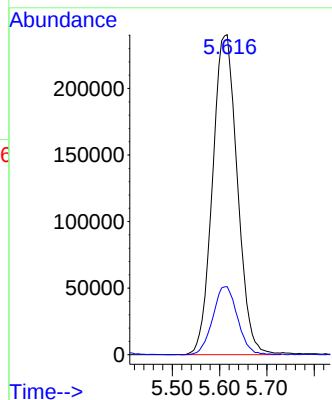
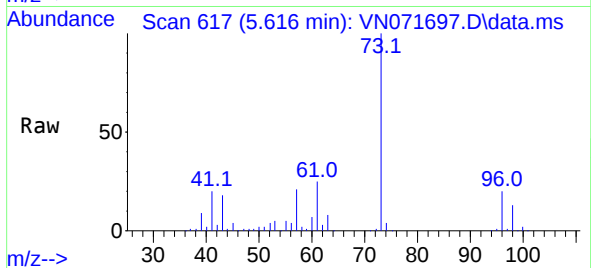
#19
Methyl tert-butyl Ether
Concen: 50.387 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 874432
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

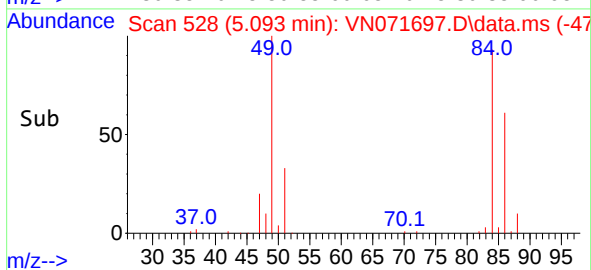
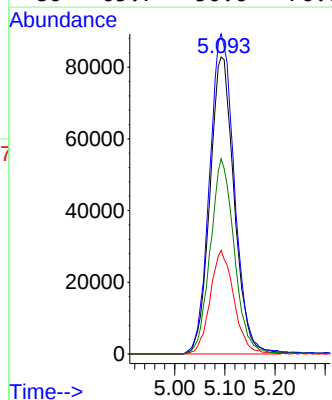
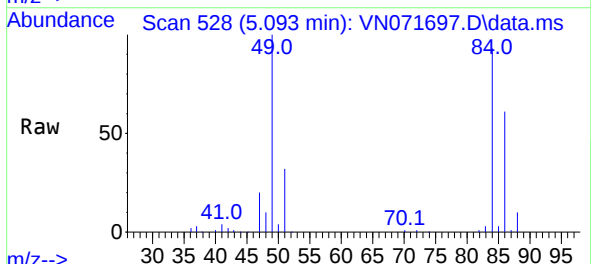
Manual Integrations
APPROVED

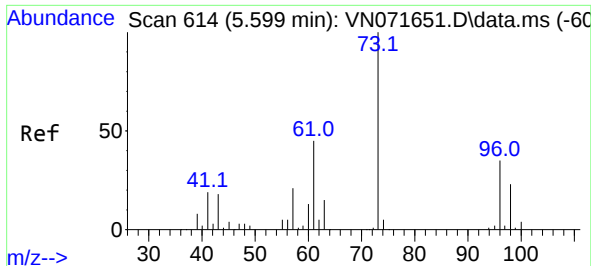
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#20
Methylene Chloride
Concen: 47.800 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

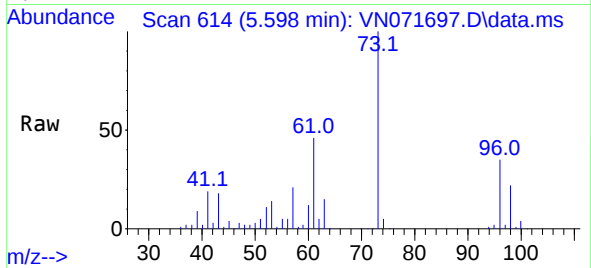
Tgt Ion: 84 Resp: 278186
Ion Ratio Lower Upper
84 100
49 107.8 88.3 132.5
51 34.9 28.2 42.2
86 65.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.948 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

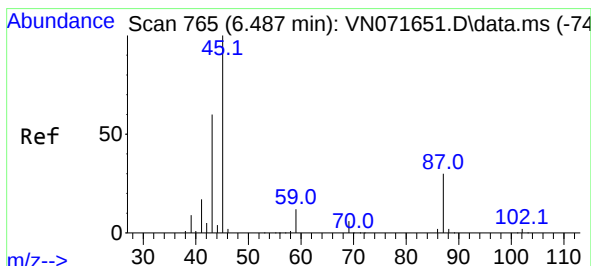
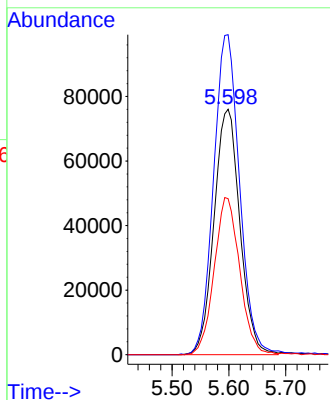
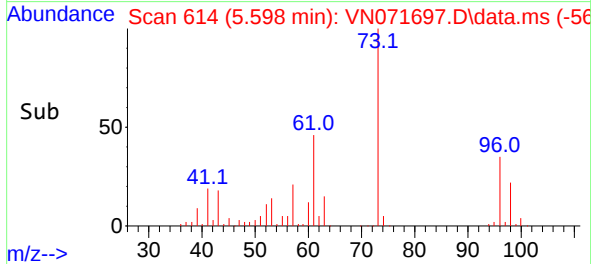
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



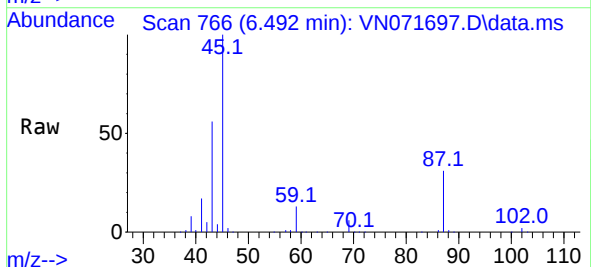
Tgt Ion: 96 Resp: 24075
Ion Ratio Lower Upper
96 100
61 130.4 105.8 158.8
98 63.6 50.3 75.5

Manual Integrations
APPROVED

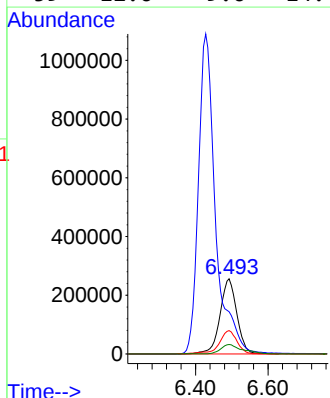
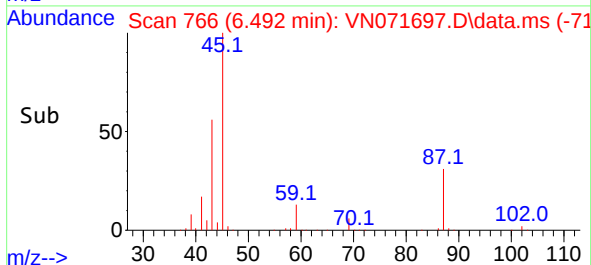
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

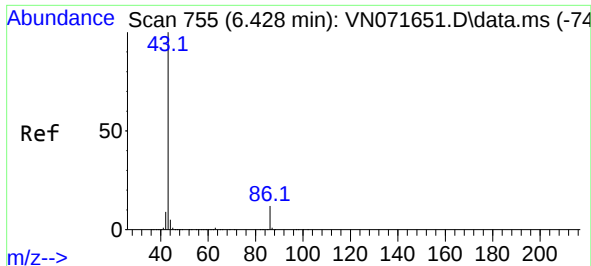


#22
Diisopropyl ether
Concen: 50.112 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



Tgt Ion: 45 Resp: 827150
Ion Ratio Lower Upper
45 100
43 56.1 46.6 70.0
87 31.1 24.3 36.5
59 12.6 9.6 14.4





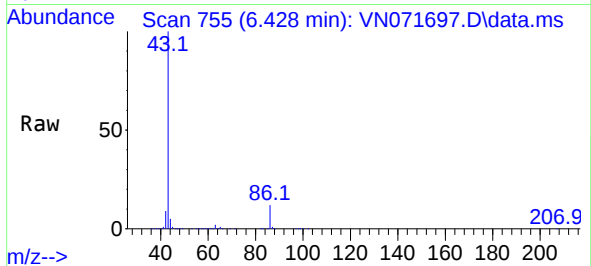
#23
 Vinyl Acetate
 Concen: 272.232 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071697.D
 Acq: 31 Mar 2022 07:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

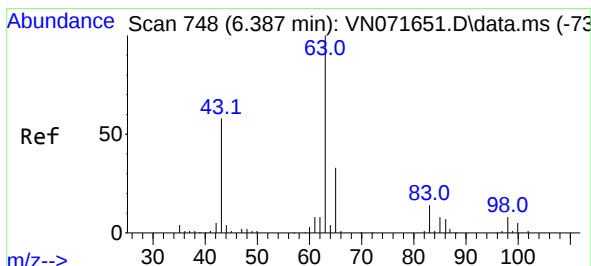
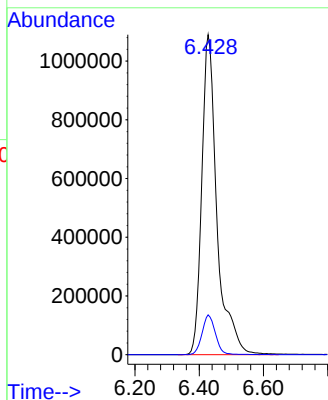
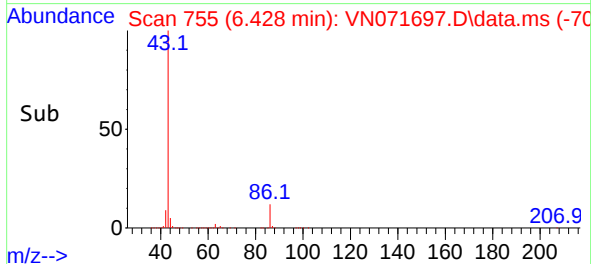


Tgt Ion: 43 Resp: 3573279
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.0 15.0

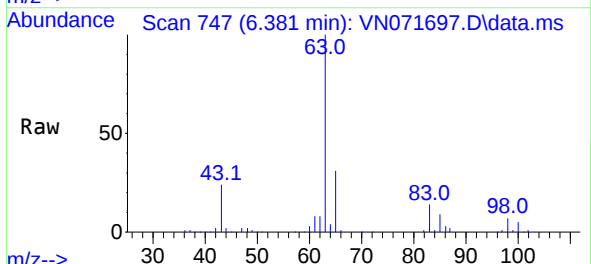
Manual Integrations

APPROVED

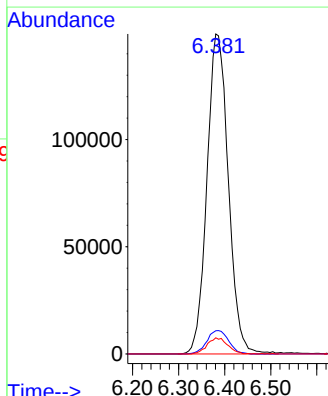
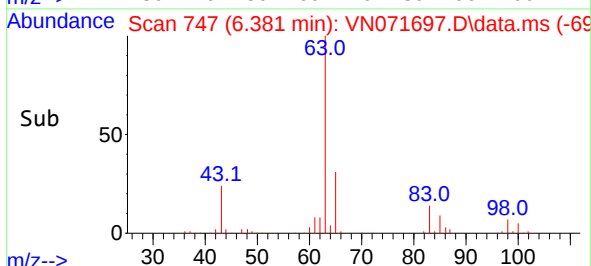
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022

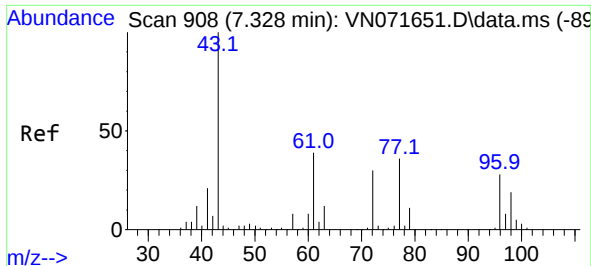


#24
 1,1-Dichloroethane
 Concen: 49.640 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071697.D
 Acq: 31 Mar 2022 07:21



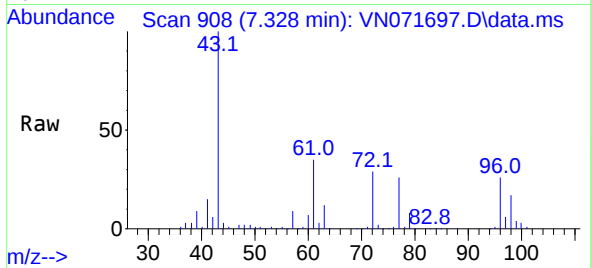
Tgt Ion: 63 Resp: 481004
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 5.1 2.3 6.8





#25
2-Butanone
Concen: 268.952 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

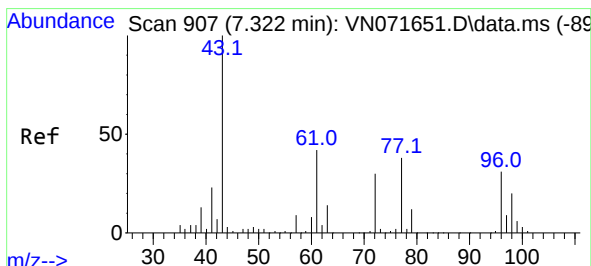
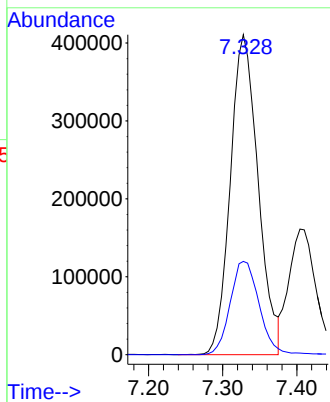
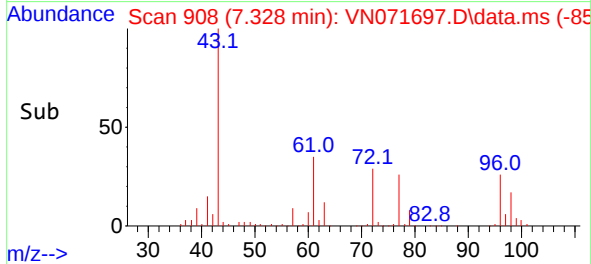
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



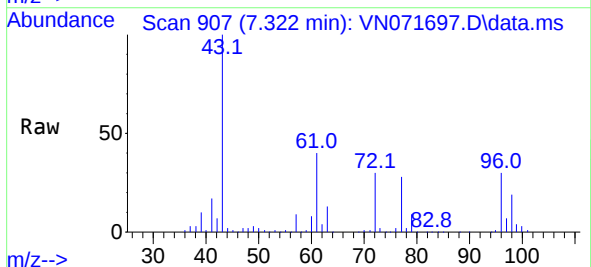
Tgt Ion: 43 Resp: 107058
Ion Ratio Lower Upper
43 100
72 29.2 23.7 35.5

Manual Integrations
APPROVED

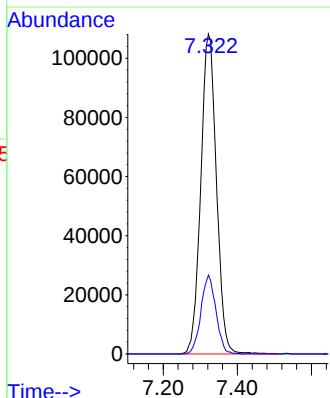
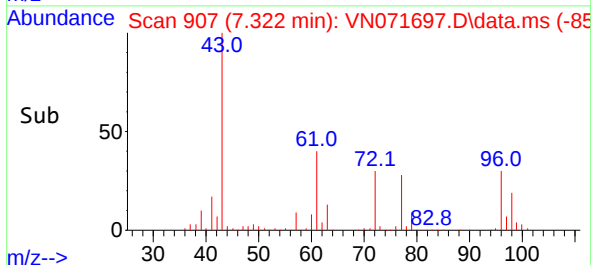
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#26
2,2-Dichloropropane
Concen: 38.169 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



Tgt Ion: 77 Resp: 317723
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





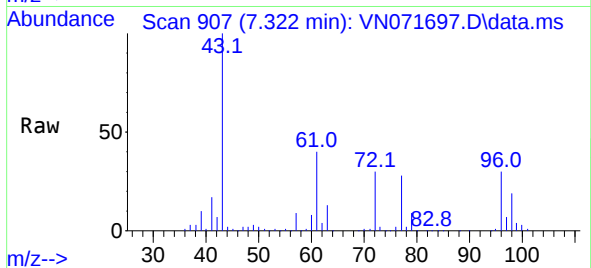
#27
cis-1,2-Dichloroethene
Concen: 48.974 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



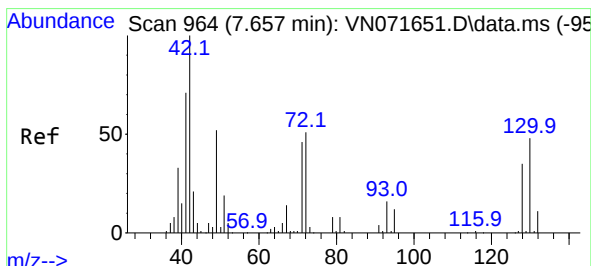
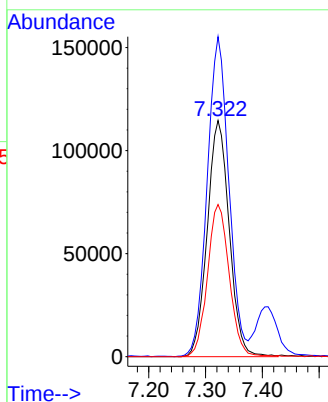
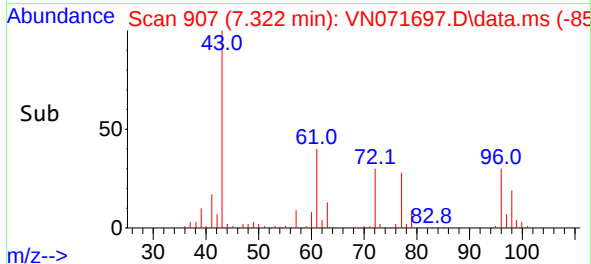
Tgt Ion: 96 Resp: 307972
Ion Ratio Lower Upper
96 100
61 133.8 0.0 280.6
98 64.0 0.0 128.4

Manual Integrations

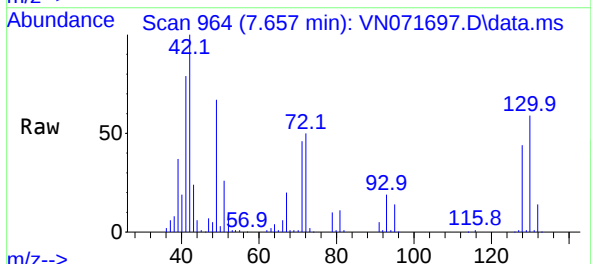
APPROVED

Reviewed By :John Carlone 03/31/2022

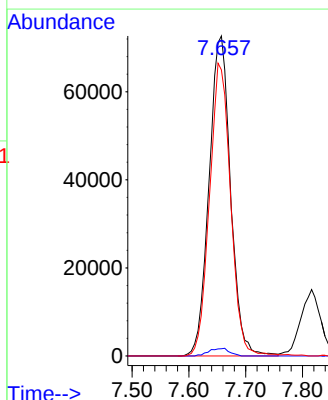
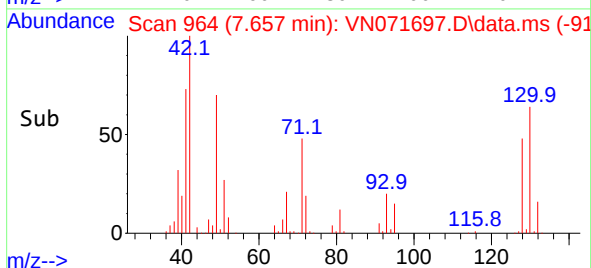
Supervised By :Mahesh Dadoda 04/01/2022



#28
Bromochloromethane
Concen: 48.801 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



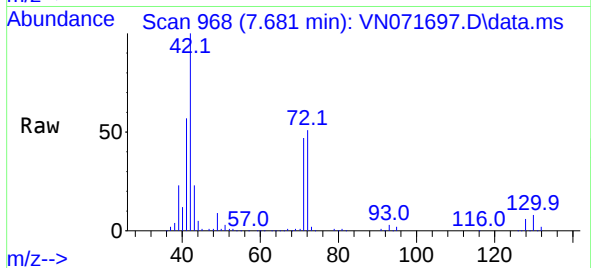
Tgt Ion: 49 Resp: 190754
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 89.6 69.7 104.5





#29
Tetrahydrofuran
Concen: 274.083 ug/l
RT: 7.681 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

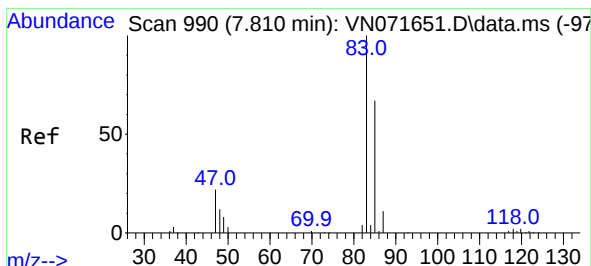
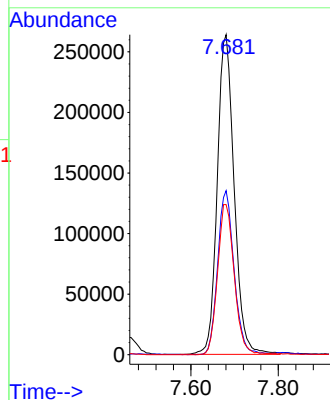
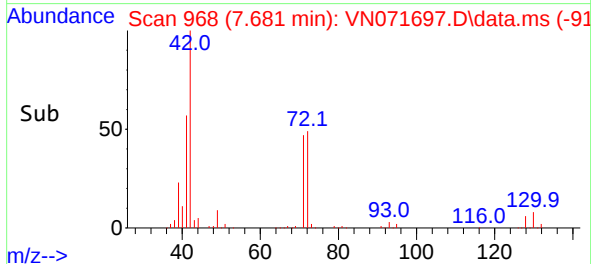
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



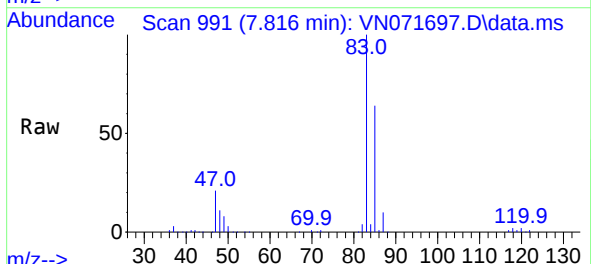
Tgt Ion: 42 Resp: 706440
Ion Ratio Lower Upper
42 100
72 49.9 39.7 59.5
71 46.3 36.6 55.0

Manual Integrations
APPROVED

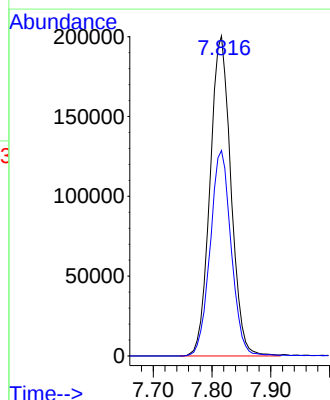
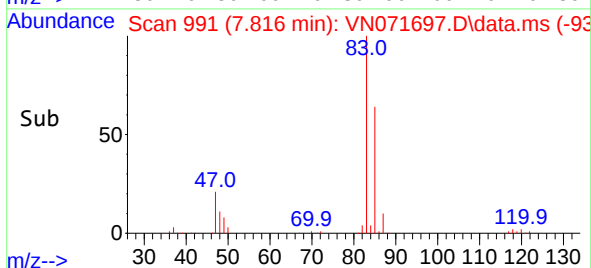
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

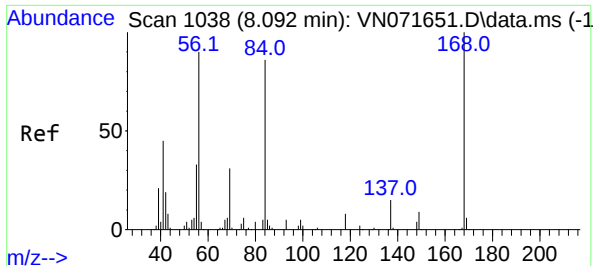


#30
Chloroform
Concen: 48.309 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



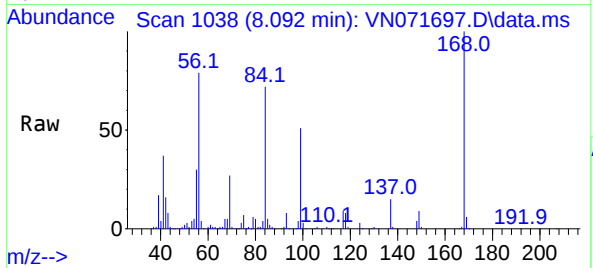
Tgt Ion: 83 Resp: 494277
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8





#31
Cyclohexane
Concen: 45.303 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

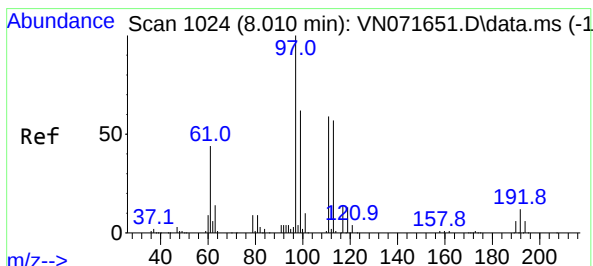
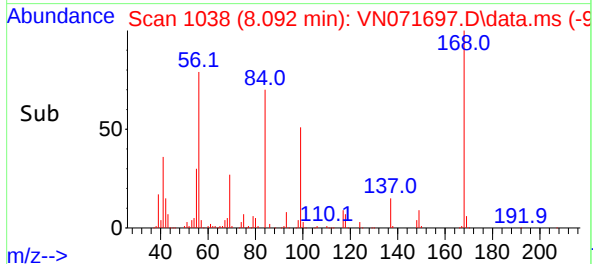
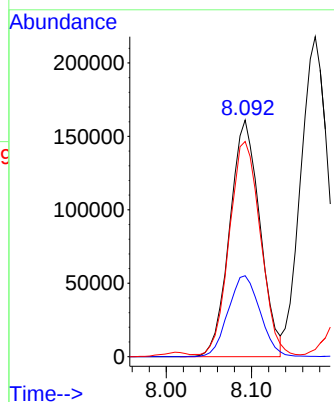
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 398050
Ion Ratio Lower Upper
56 100
69 34.2 27.8 41.8
84 89.2 76.9 115.3

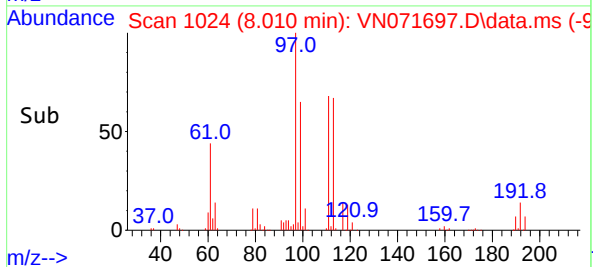
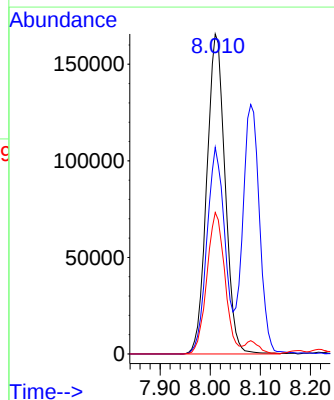
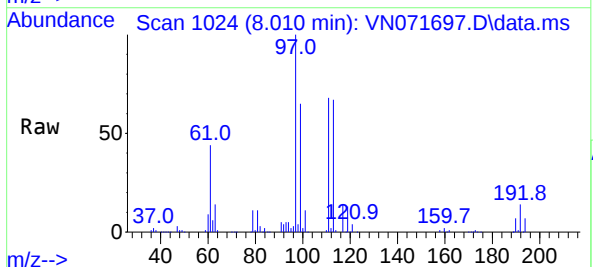
Manual Integrations
APPROVED

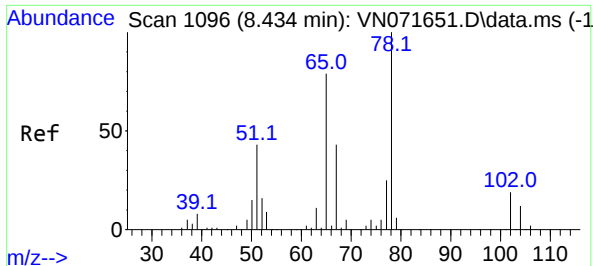
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#32
1,1,1-Trichloroethane
Concen: 47.997 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Tgt Ion: 97 Resp: 420122
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 43.8 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 55.492 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :

MSVOA_N

ClientSampleId :

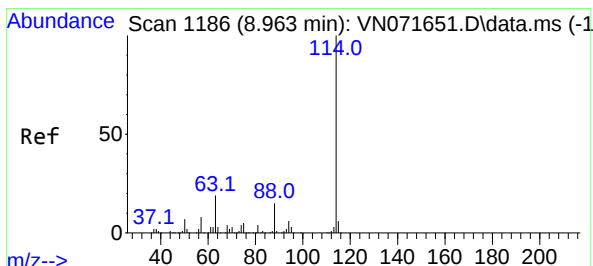
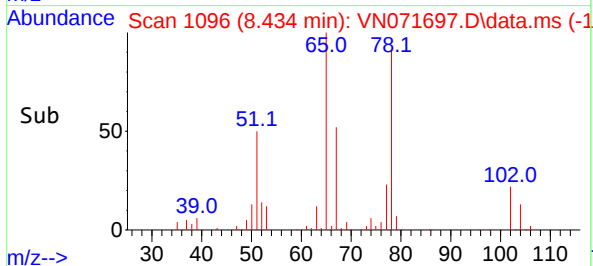
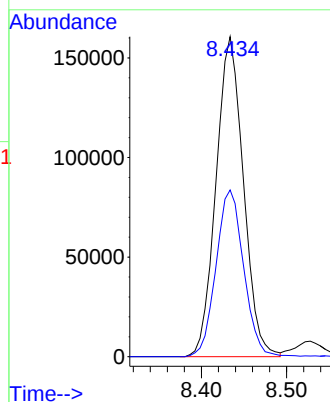
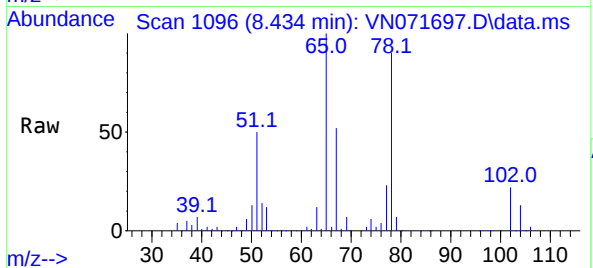
VSTDCCC050EC

Tgt Ion: 65 Resp: 35853
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

Manual Integrations

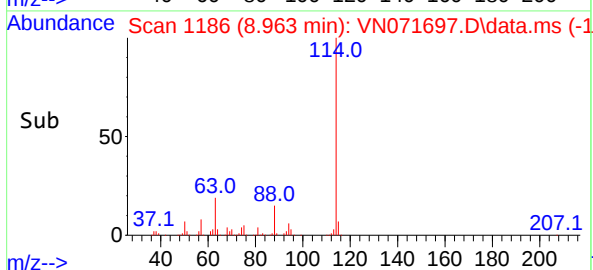
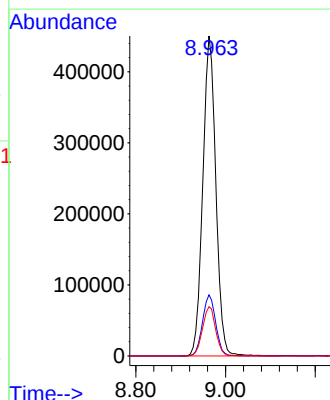
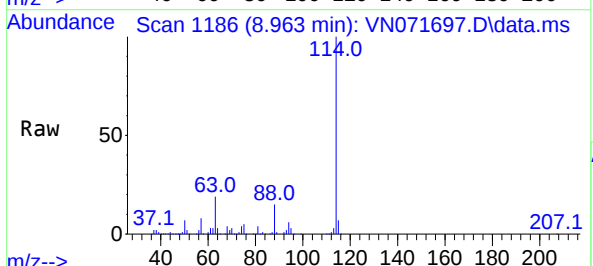
APPROVED

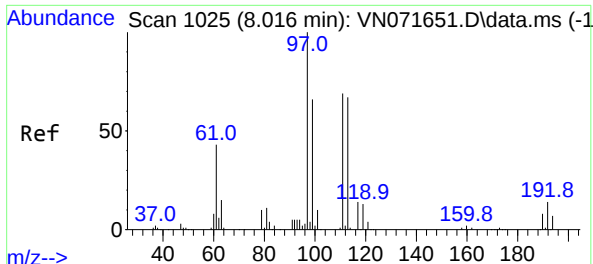
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

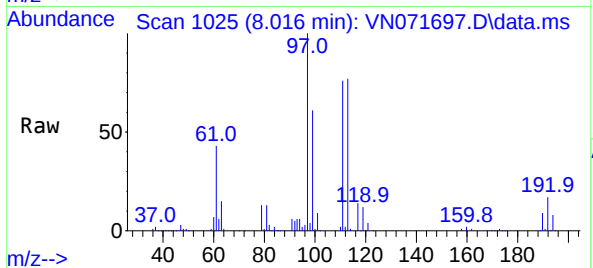
Tgt Ion:114 Resp: 907225
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 56.297 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

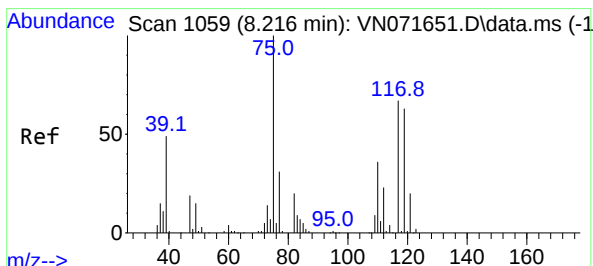
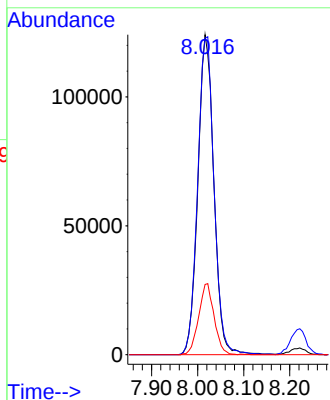
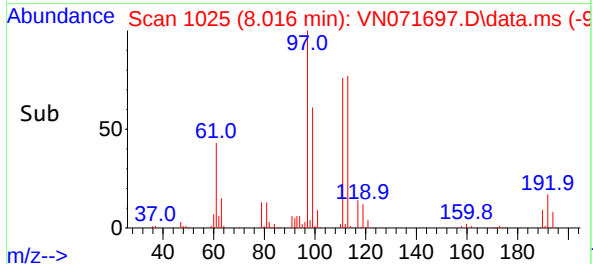
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



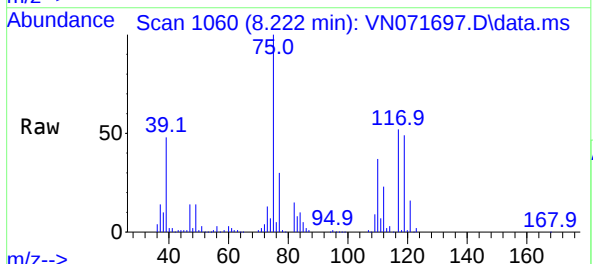
Tgt Ion:113 Resp: 30054
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 21.4 17.0 25.6

Manual Integrations
APPROVED

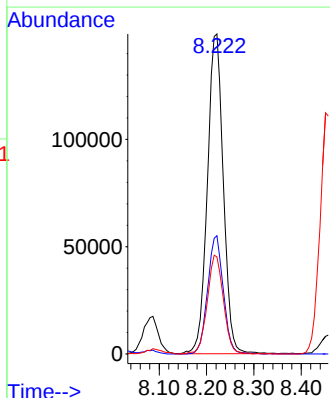
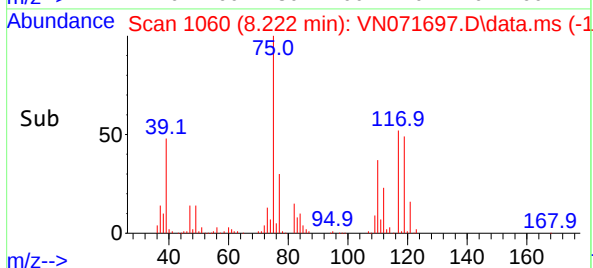
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

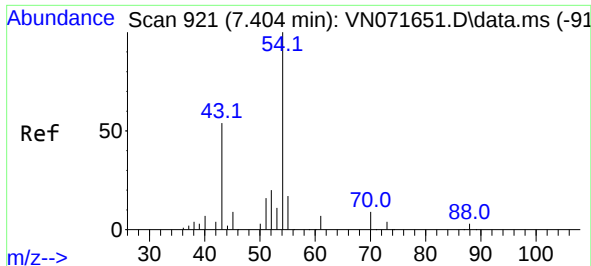


#36
1,1-Dichloropropene
Concen: 46.822 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



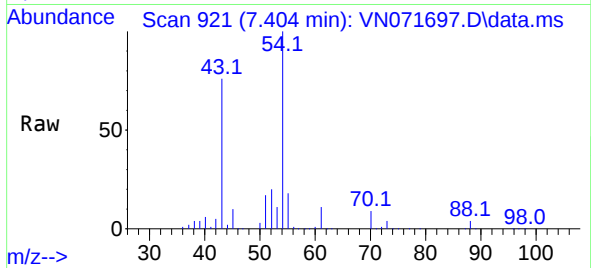
Tgt Ion: 75 Resp: 349058
Ion Ratio Lower Upper
75 100
110 36.3 18.3 54.8
77 31.3 25.1 37.7





#37
Ethyl Acetate
Concen: 52.608 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

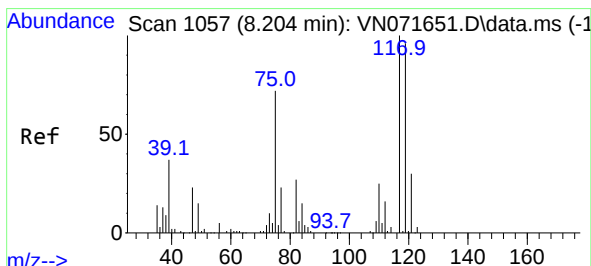
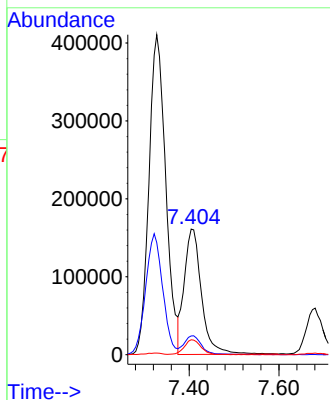
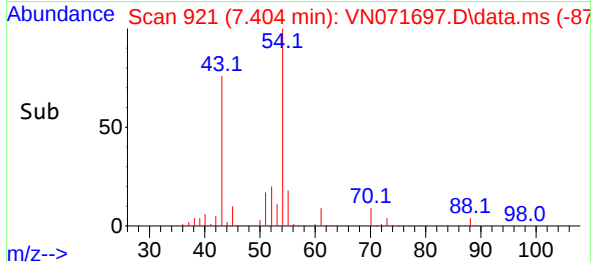
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 429270
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 11.5 9.3 13.9

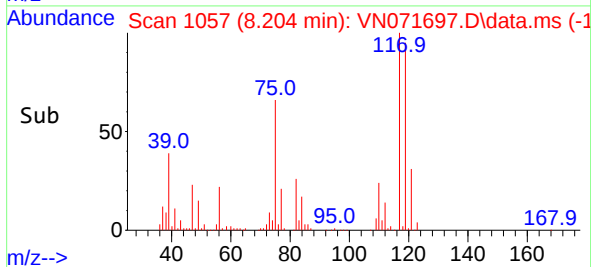
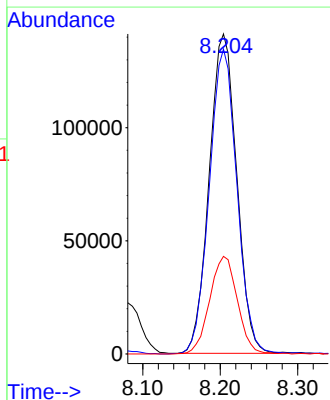
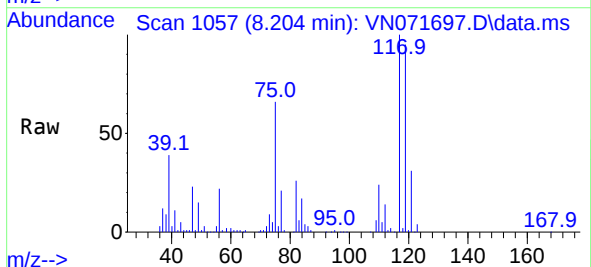
Manual Integrations
APPROVED

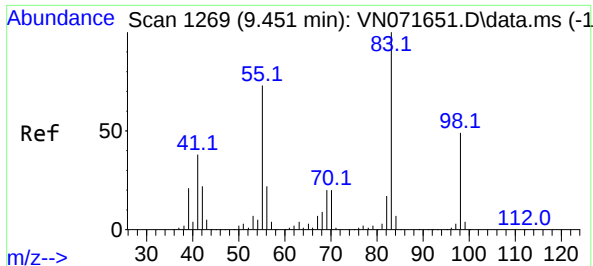
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Carbon Tetrachloride
Concen: 47.621 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Tgt Ion:117 Resp: 347936
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
121 30.5 24.6 37.0





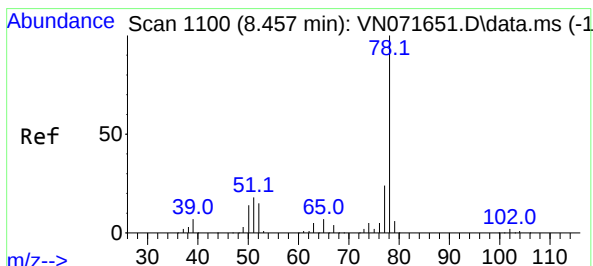
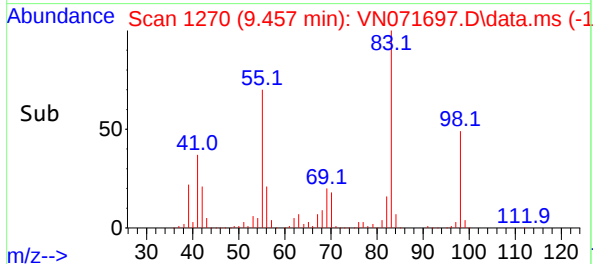
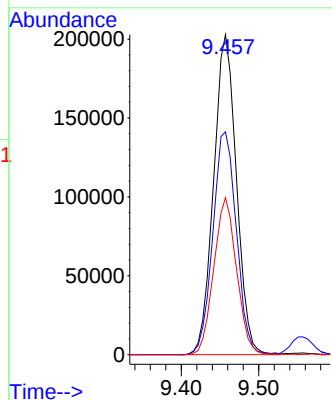
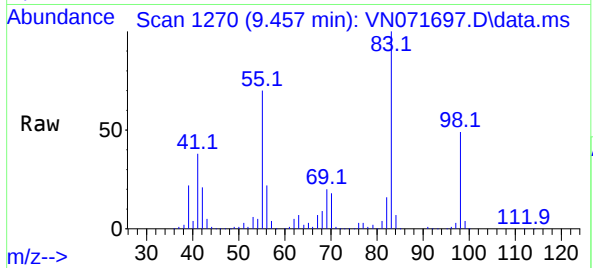
#39
Methylcyclohexane
Concen: 46.763 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 41498
Ion Ratio Lower Upper
83 100
55 69.6 57.8 86.8
98 49.1 39.4 59.2

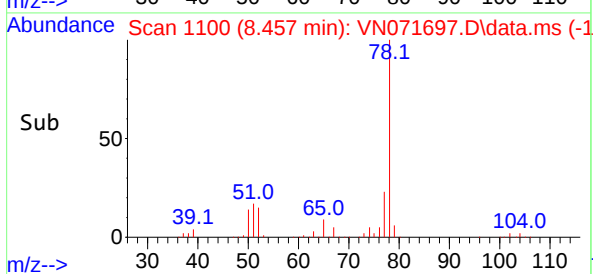
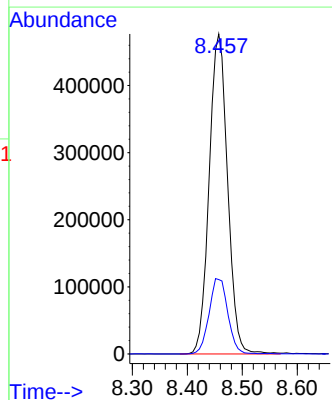
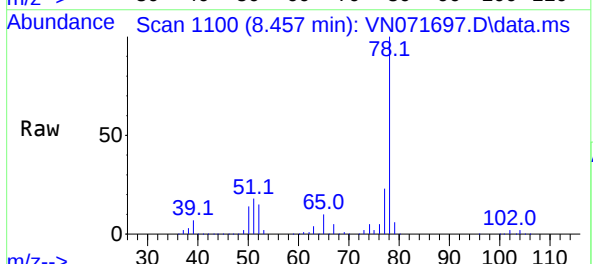
Manual Integrations
APPROVED

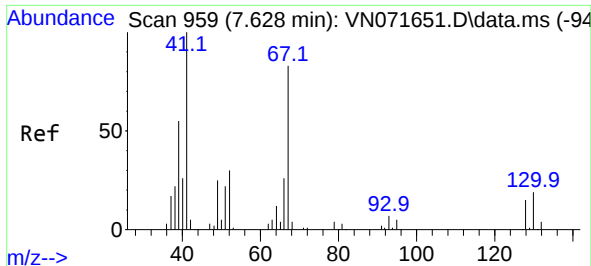
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#40
Benzene
Concen: 47.077 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

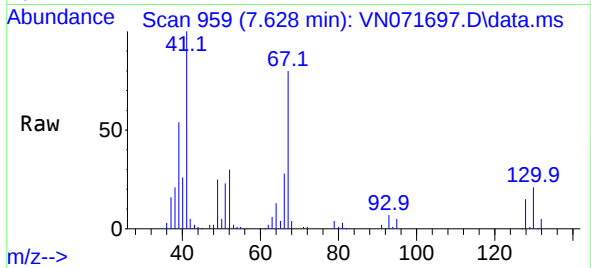
Tgt Ion: 78 Resp: 1108663
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 49.173 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

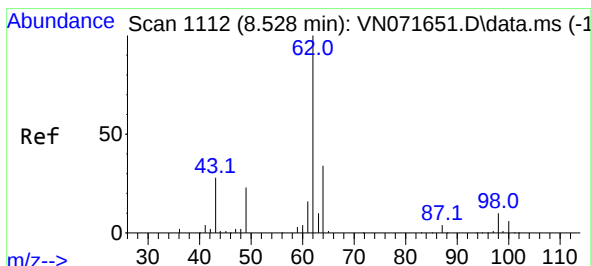
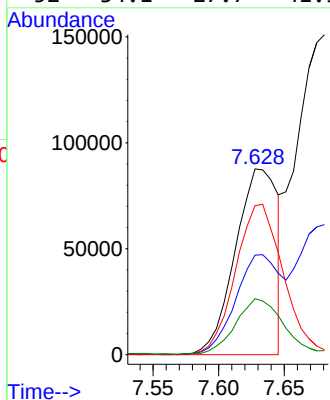
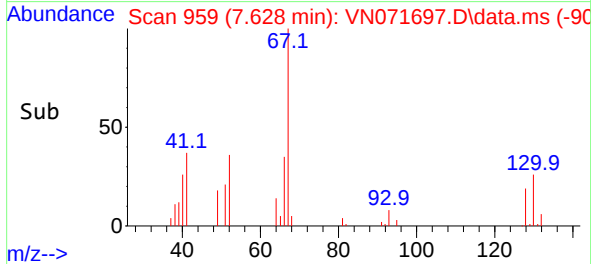
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



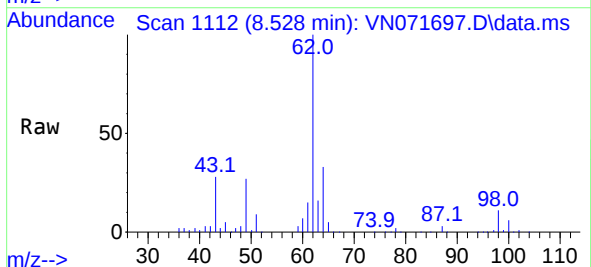
Tgt Ion: 41 Resp: 196462
Ion Ratio Lower Upper
41 100
39 59.3 48.6 73.0
67 92.8 73.4 110.2
52 34.1 27.7 41.5

Manual Integrations
APPROVED

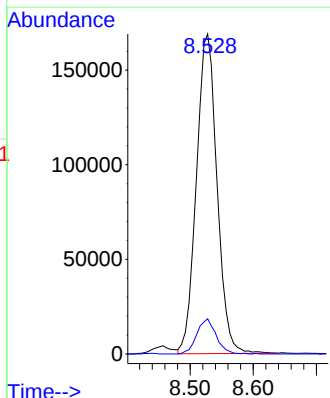
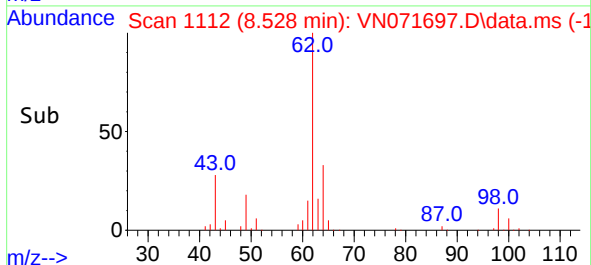
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#42
1,2-Dichloroethane
Concen: 46.951 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



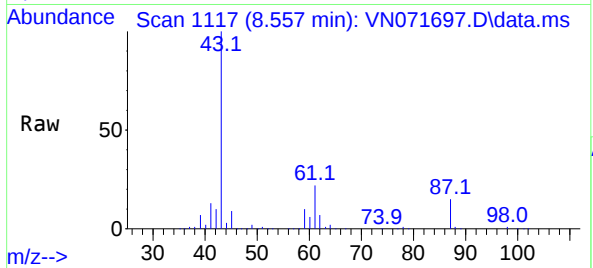
Tgt Ion: 62 Resp: 382489
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 56.030 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

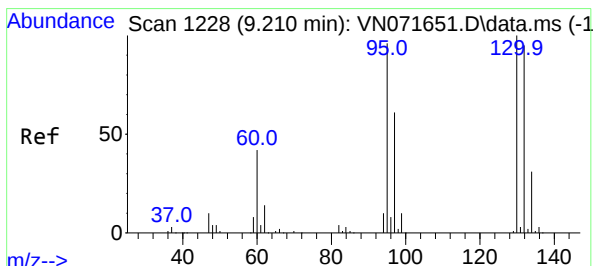
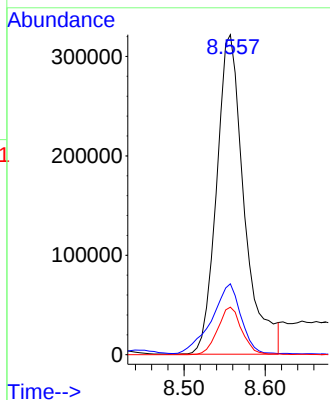
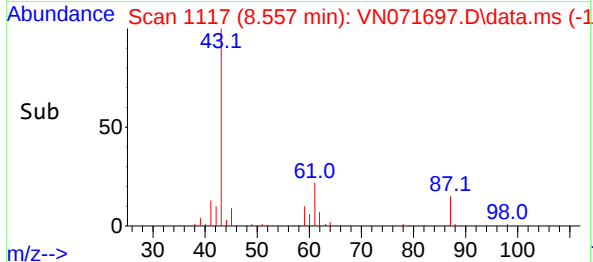
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



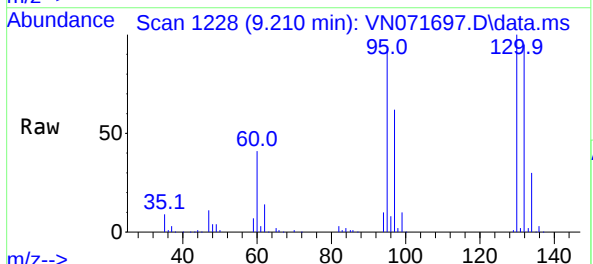
Tgt Ion: 43 Resp: 760444
Ion Ratio Lower Upper
43 100
61 23.7 21.9 32.9
87 13.0 12.0 18.0

Manual Integrations
APPROVED

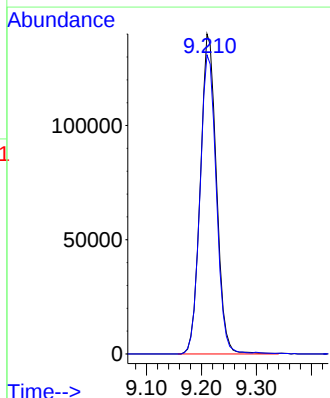
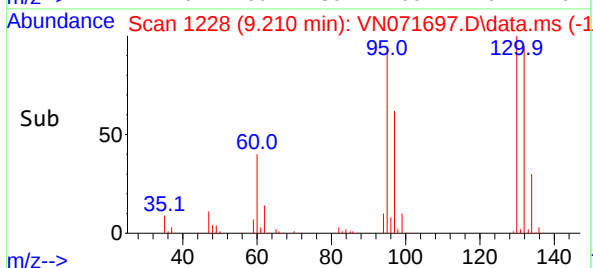
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

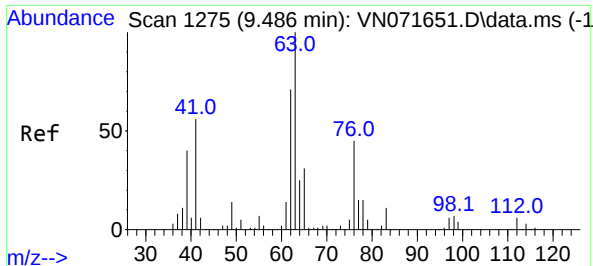


#44
Trichloroethene
Concen: 46.999 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



Tgt Ion:130 Resp: 285152
Ion Ratio Lower Upper
130 100
95 93.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 48.408 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071697.D

Acq: 31 Mar 2022 07:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 28479

Ion Ratio Lower Upper

63 100

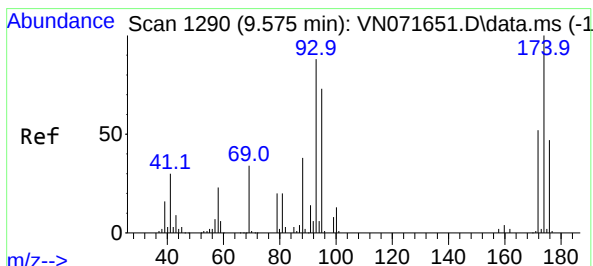
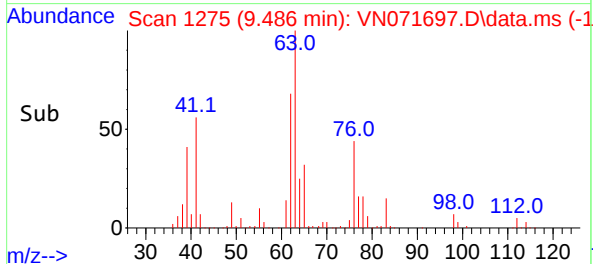
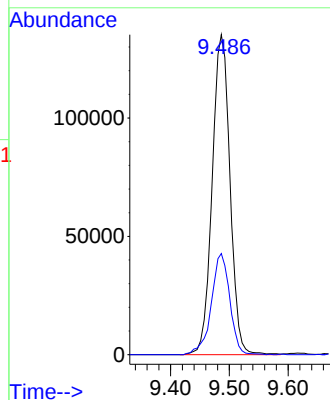
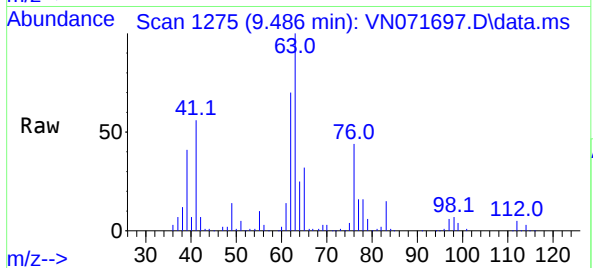
65 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#46

Dibromomethane

Concen: 48.045 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071697.D

Acq: 31 Mar 2022 07:21

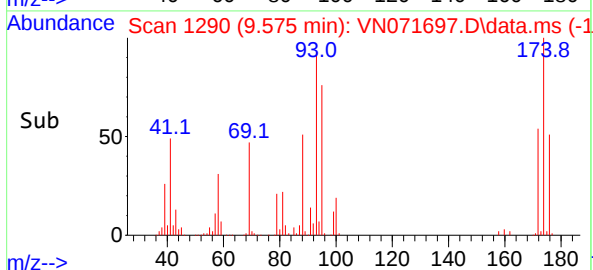
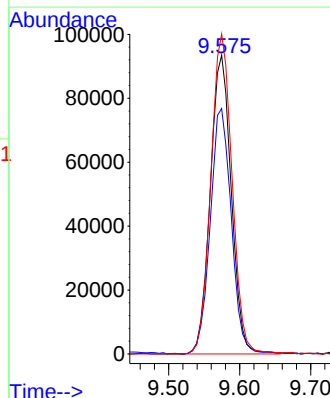
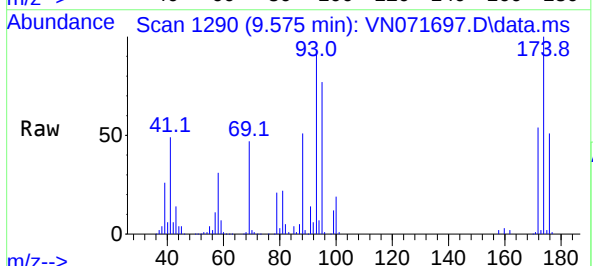
Tgt Ion: 93 Resp: 191916

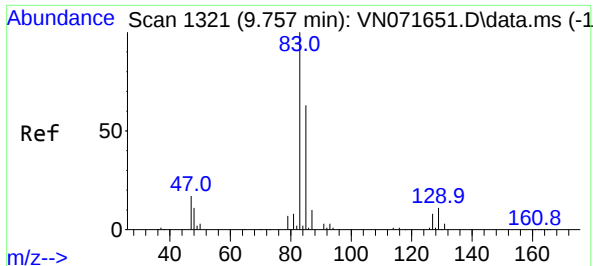
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

174 108.6 86.6 130.0





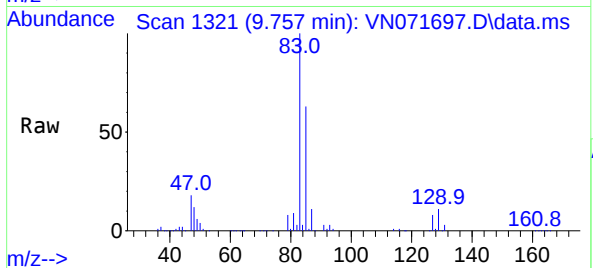
#47
Bromodichloromethane
Concen: 49.785 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



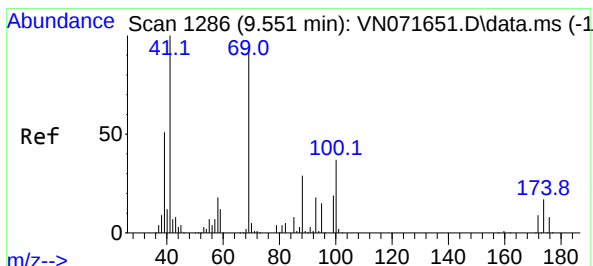
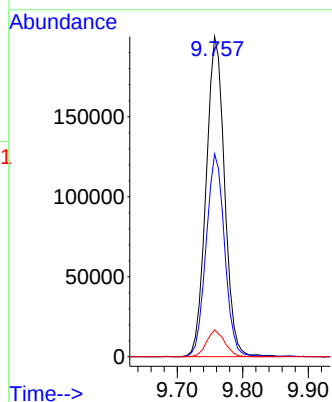
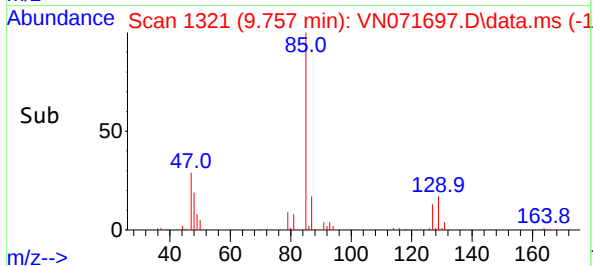
Tgt Ion: 83 Resp: 39146
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations

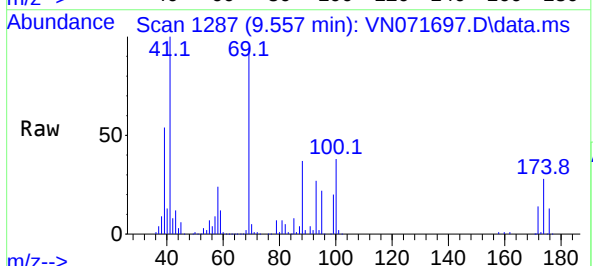
APPROVED

Reviewed By :John Carlone 03/31/2022

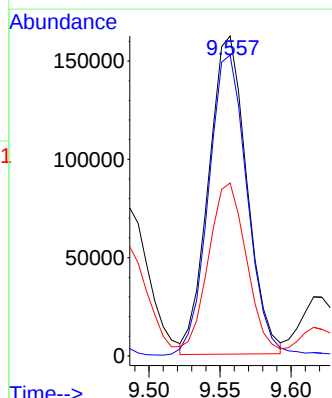
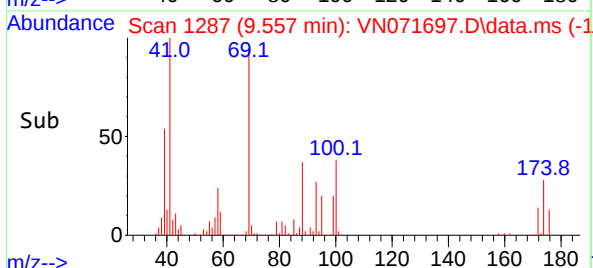
Supervised By :Mahesh Dadoda 04/01/2022

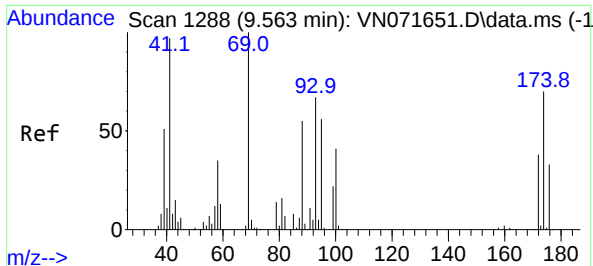


#48
Methyl methacrylate
Concen: 53.759 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



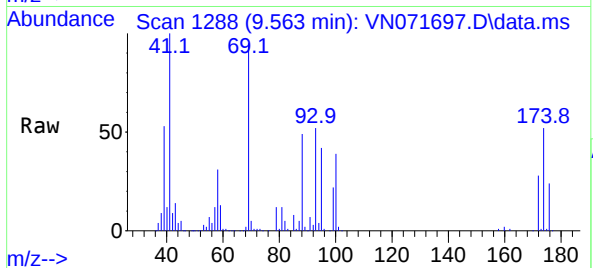
Tgt Ion: 41 Resp: 302708
Ion Ratio Lower Upper
41 100
69 96.2 74.7 112.1
39 54.9 45.6 68.4





#49
1,4-Dioxane
Concen: 1067.524 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

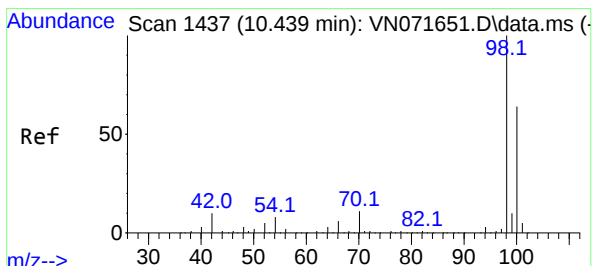
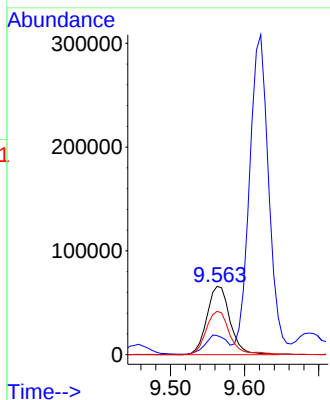
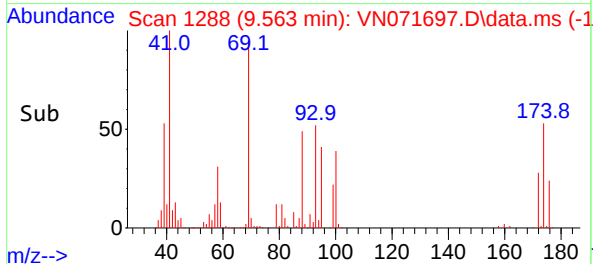
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



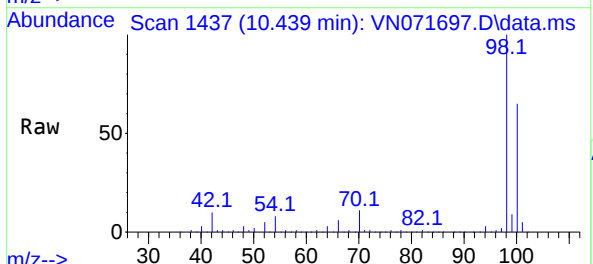
Tgt Ion: 88 Resp: 14248
Ion Ratio Lower Upper
88 100
43 25.5 20.2 30.4
58 65.8 54.2 81.4

Manual Integrations
APPROVED

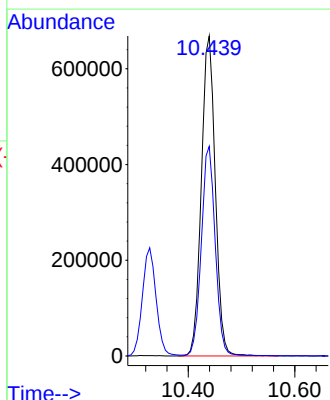
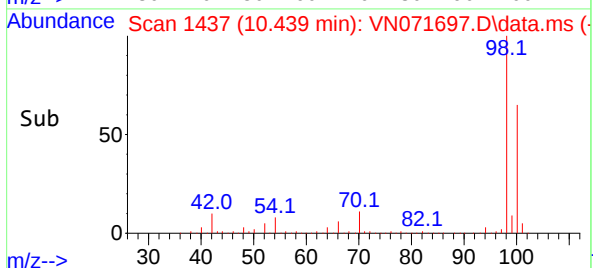
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

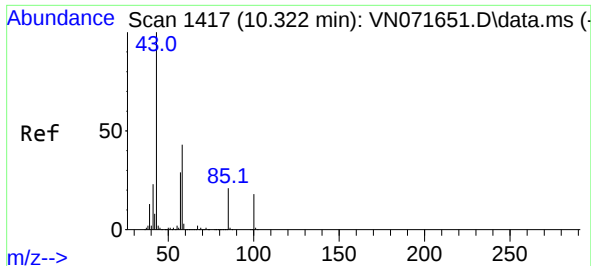


#50
Toluene-d8
Concen: 55.462 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



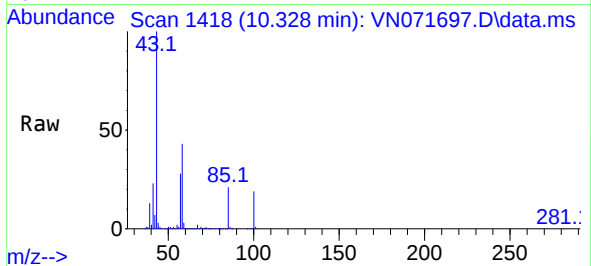
Tgt Ion: 98 Resp: 1211210
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 272.601 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

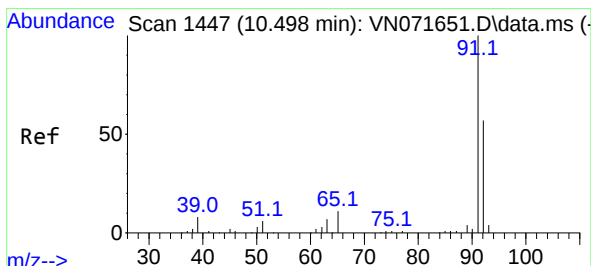
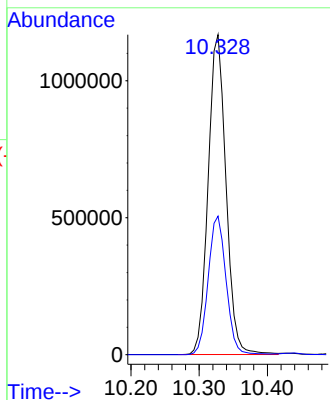
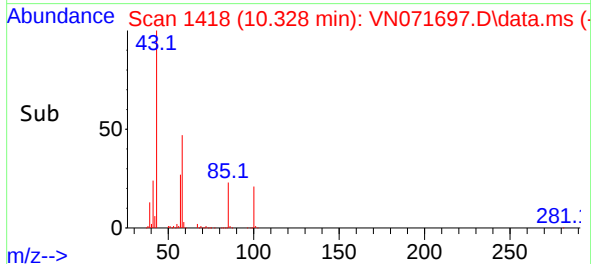
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



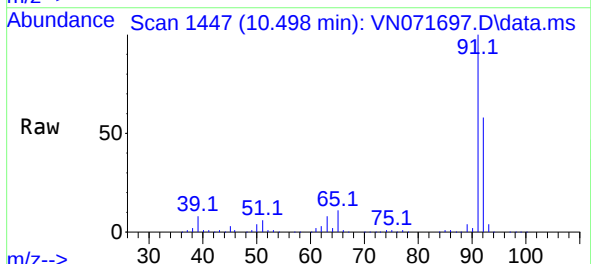
Tgt Ion: 43 Resp: 2127170
Ion Ratio Lower Upper
43 100
58 43.4 34.1 51.1

Manual Integrations
APPROVED

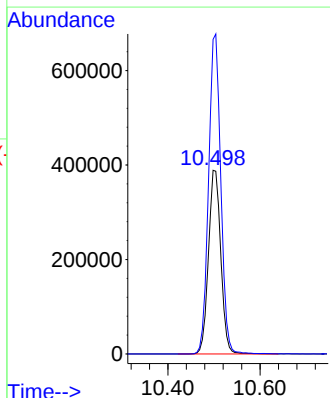
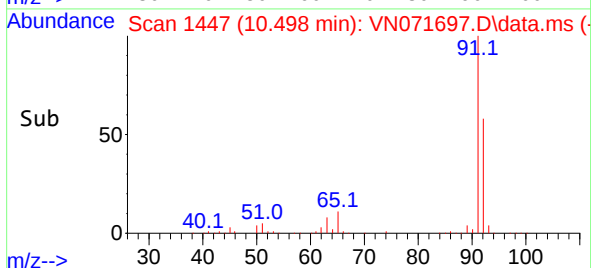
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

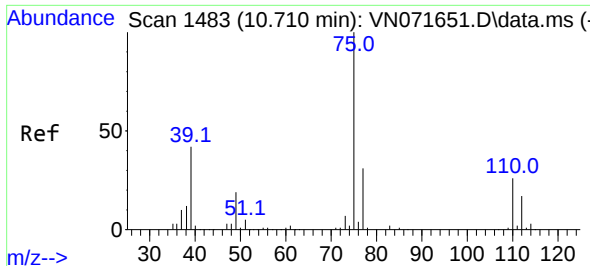


#52
Toluene
Concen: 48.743 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



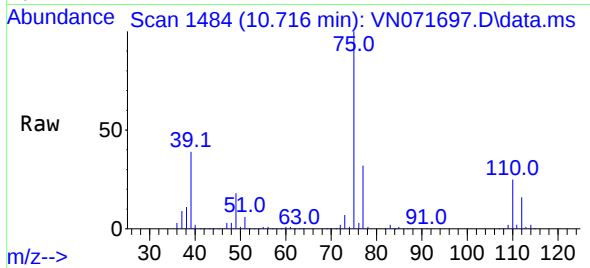
Tgt Ion: 92 Resp: 725612
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 49.564 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

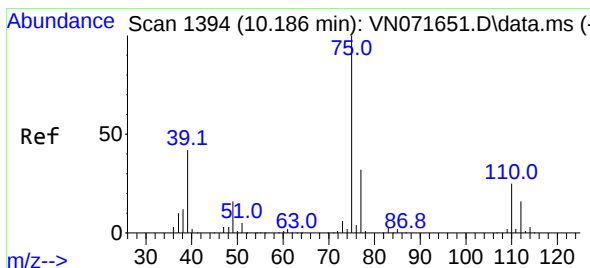
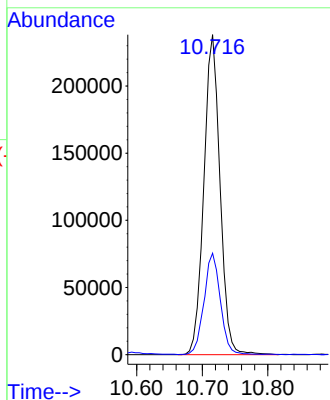
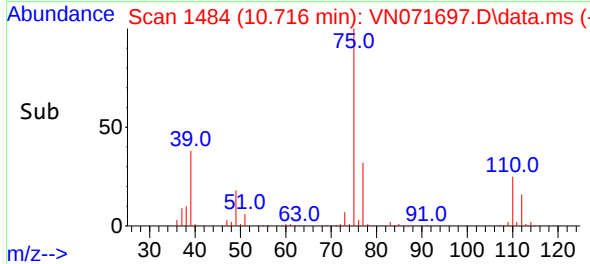
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



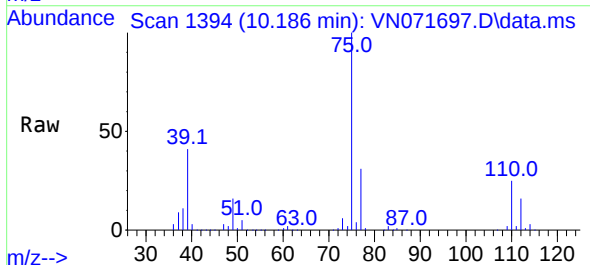
Tgt Ion: 75 Resp: 40845
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
APPROVED

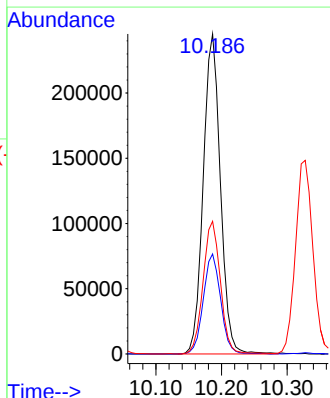
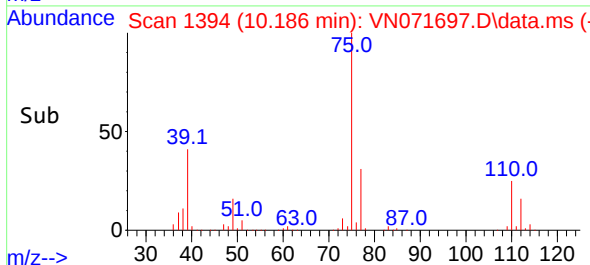
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

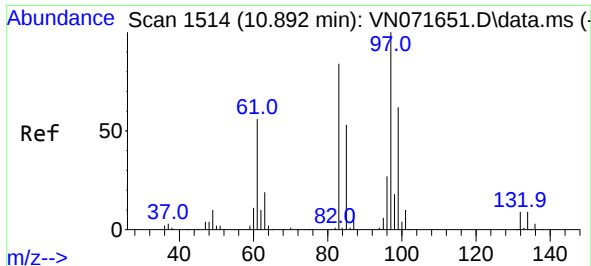


#54
cis-1,3-Dichloropropene
Concen: 49.085 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



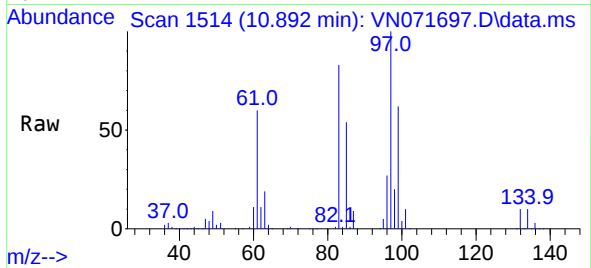
Tgt Ion: 75 Resp: 446951
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 41.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 48.421 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

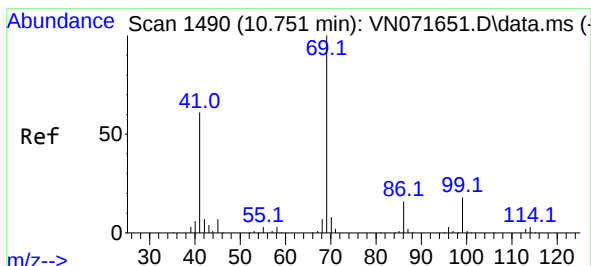
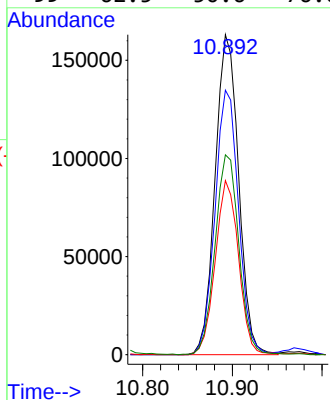
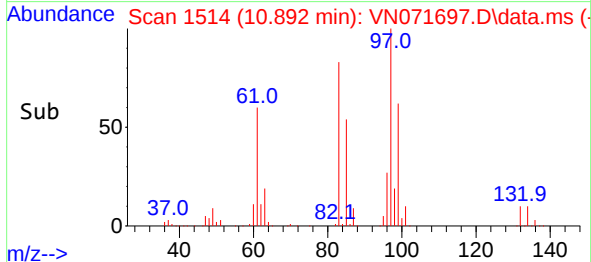
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



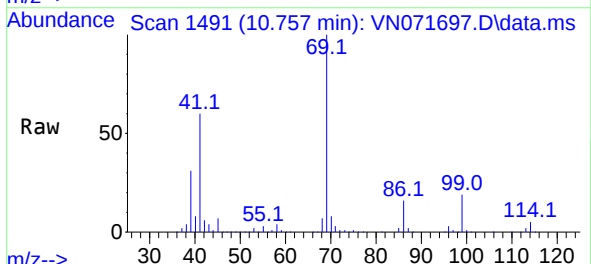
Tgt Ion: 97 Resp: 296660
Ion Ratio Lower Upper
97 100
83 82.7 66.2 99.4
85 54.4 43.9 65.9
99 62.5 50.6 76.0

Manual Integrations
APPROVED

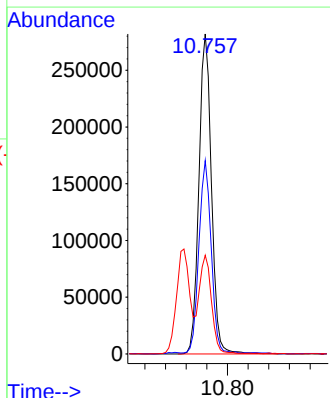
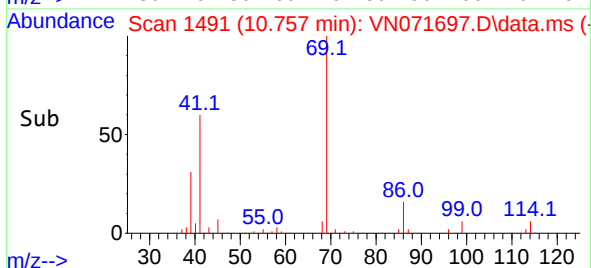
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

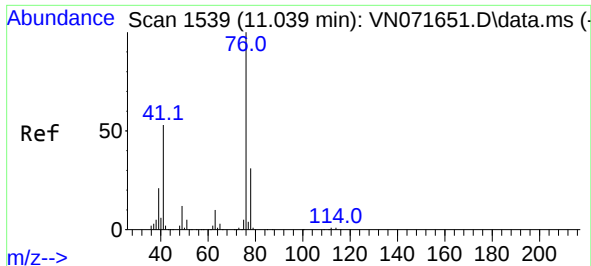


#56
Ethyl methacrylate
Concen: 54.185 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



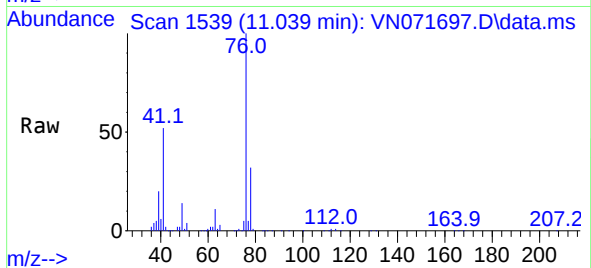
Tgt Ion: 69 Resp: 473590
Ion Ratio Lower Upper
69 100
41 58.7 47.8 71.6
39 31.1 27.3 40.9





#57
1,3-Dichloropropane
Concen: 49.139 ug/l
RT: 11.039 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

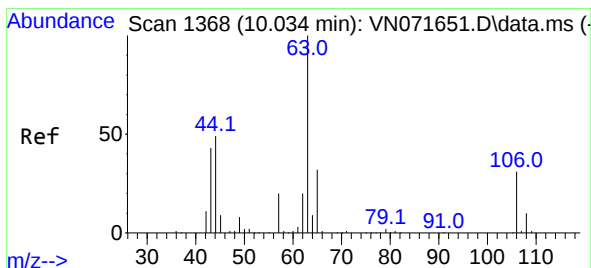
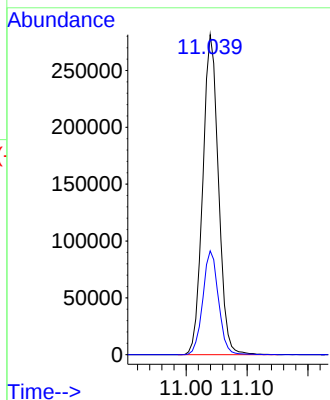
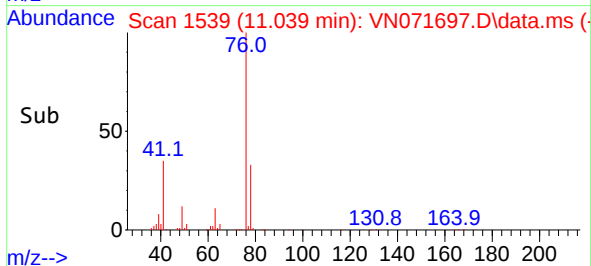
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



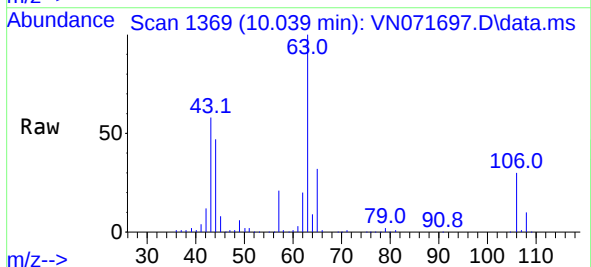
Tgt Ion: 76 Resp: 503360
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

Manual Integrations
APPROVED

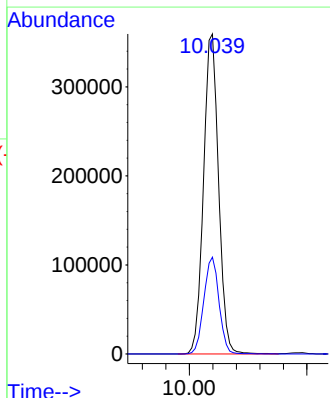
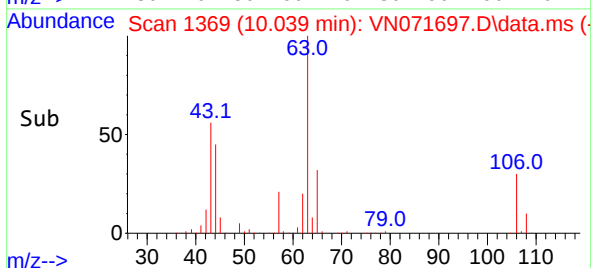
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

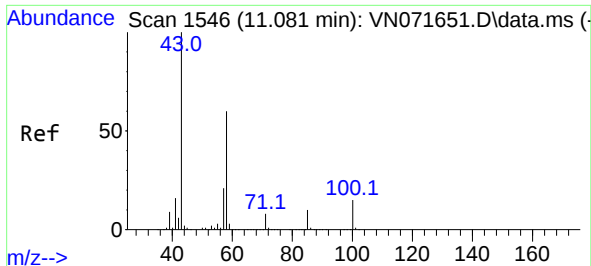


#58
2-Chloroethyl Vinyl ether
Concen: 237.600 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



Tgt Ion: 63 Resp: 636902
Ion Ratio Lower Upper
63 100
106 30.4 24.6 36.8





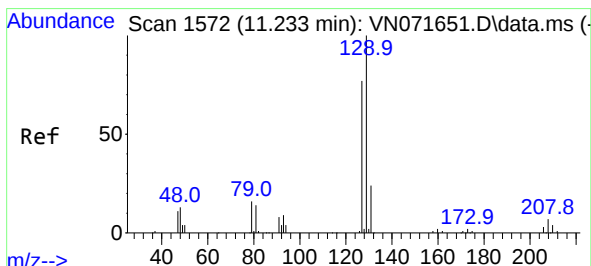
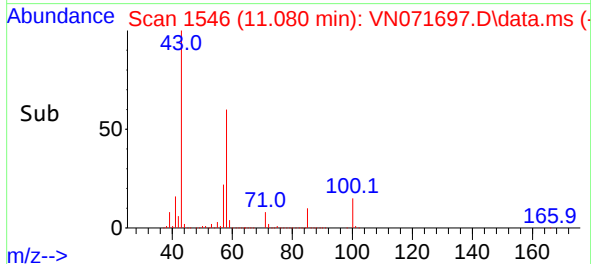
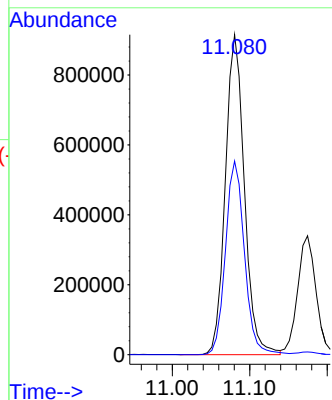
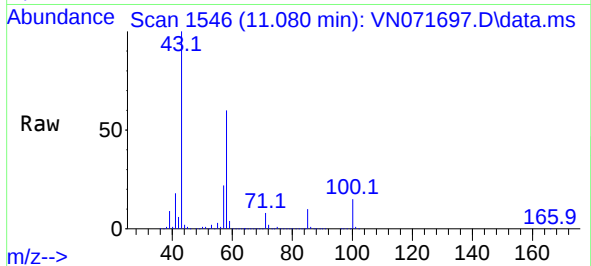
#59
2-Hexanone
Concen: 284.451 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 156274
Ion Ratio Lower Upper
43 100
58 60.5 29.7 89.1

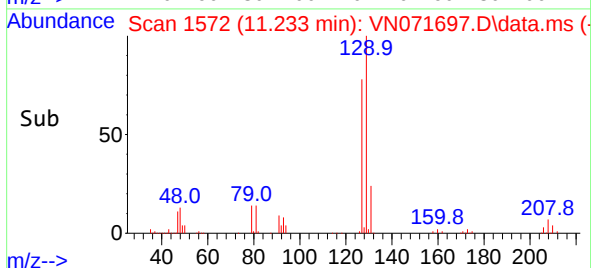
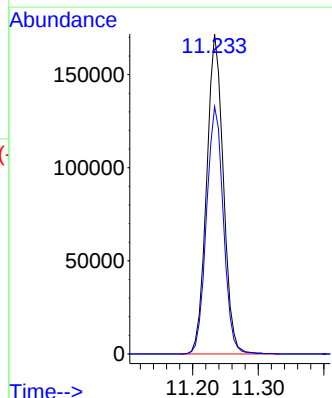
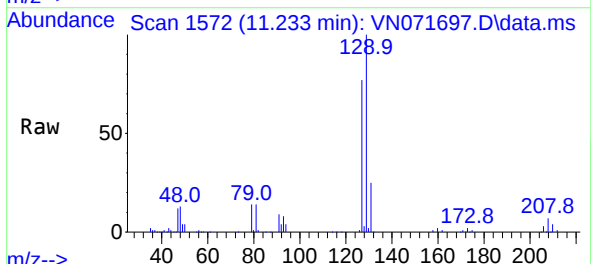
Manual Integrations
APPROVED

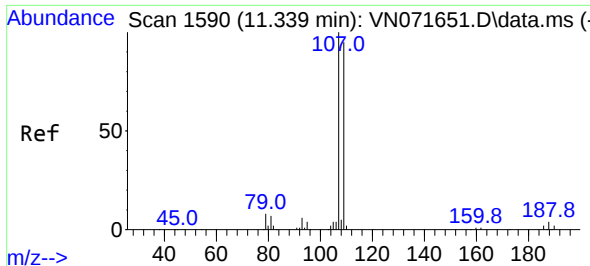
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
Dibromochloromethane
Concen: 50.990 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

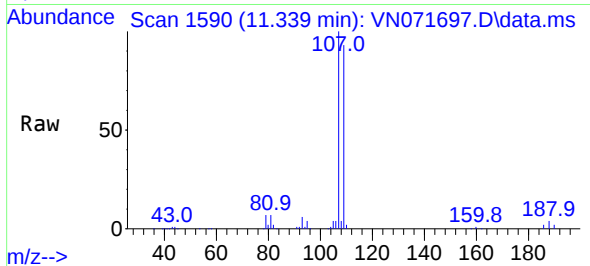
Tgt Ion:129 Resp: 304611
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.077 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

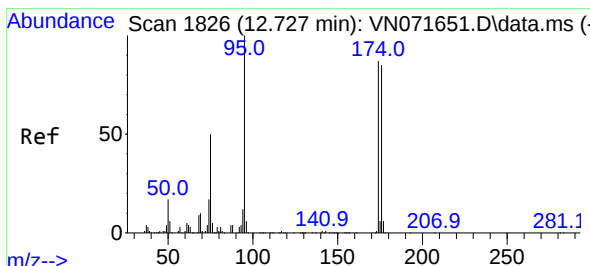
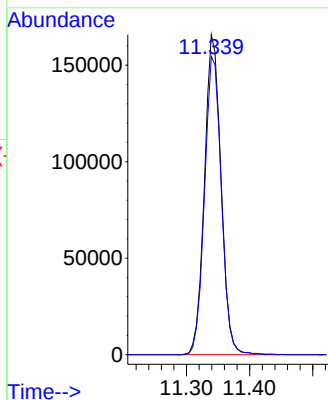
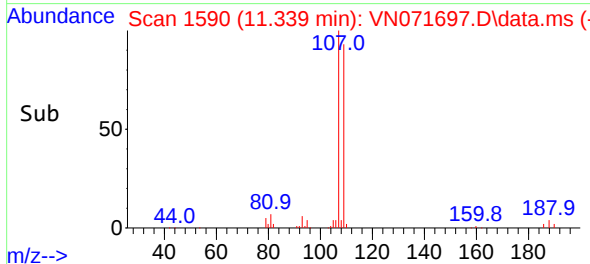
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



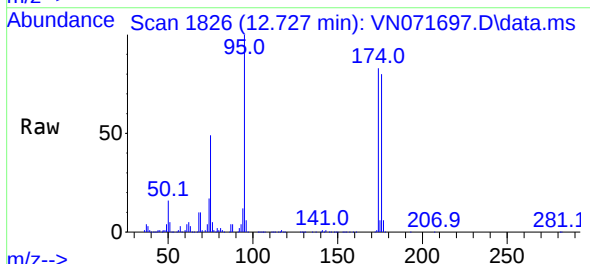
Tgt Ion:107 Resp: 30201
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

Manual Integrations
APPROVED

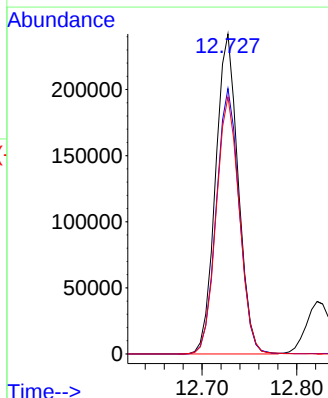
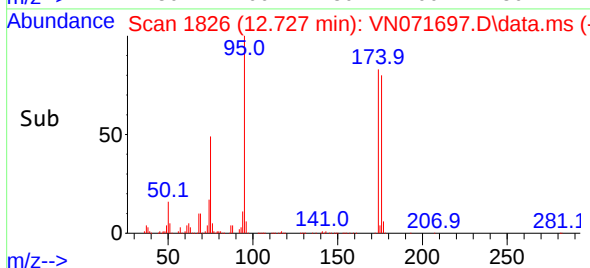
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

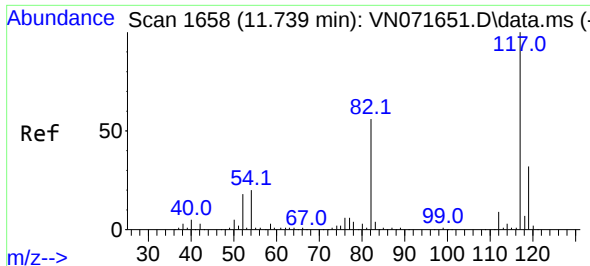


#62
4-Bromofluorobenzene
Concen: 57.035 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



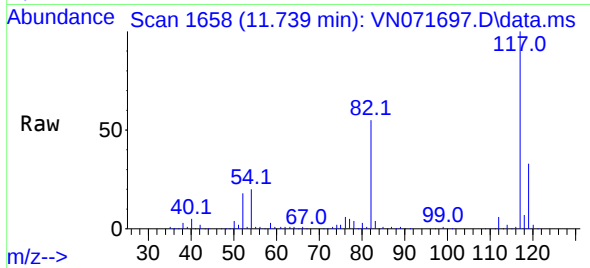
Tgt Ion: 95 Resp: 402836
Ion Ratio Lower Upper
95 100
174 84.0 0.0 167.6
176 81.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

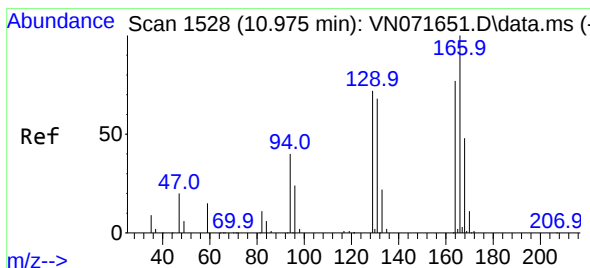
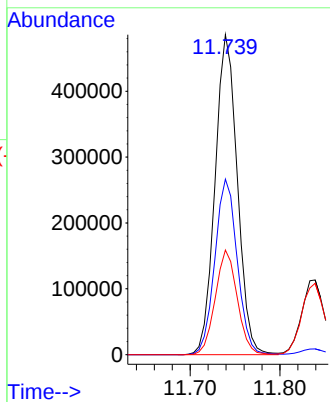
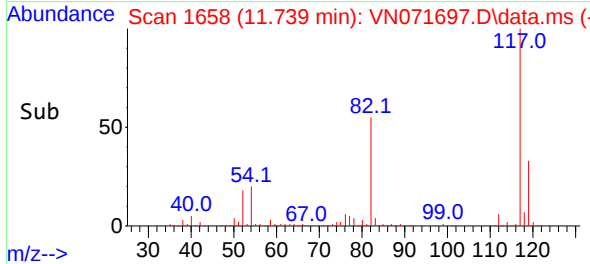
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



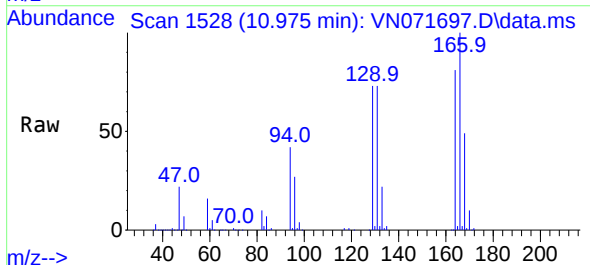
Tgt Ion:117 Resp: 83688
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.7 25.4 38.0

Manual Integrations
APPROVED

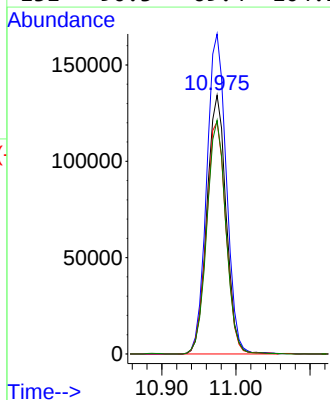
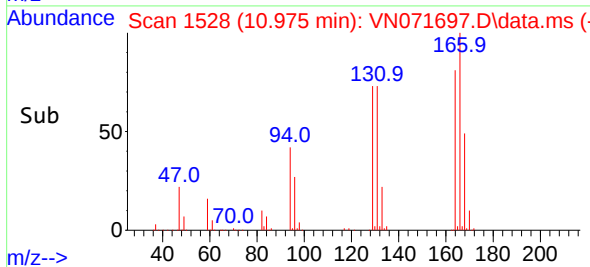
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

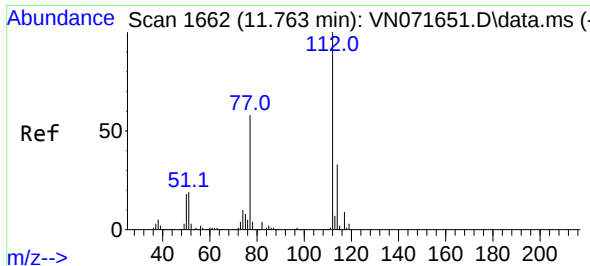


#64
Tetrachloroethene
Concen: 43.820 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



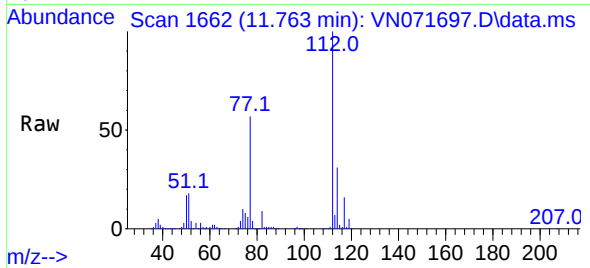
Tgt Ion:164 Resp: 242159
Ion Ratio Lower Upper
164 100
166 123.7 104.2 156.2
129 89.8 73.9 110.9
131 90.3 69.4 104.2





#65
Chlorobenzene
Concen: 47.063 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

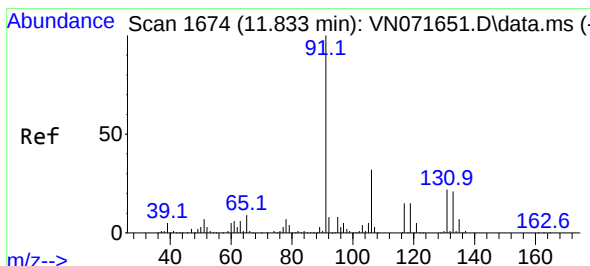
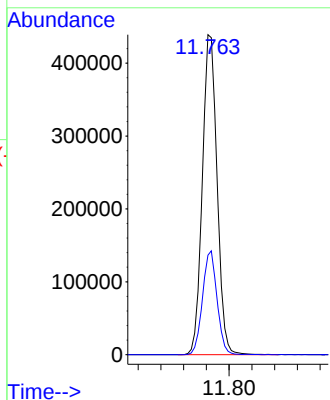
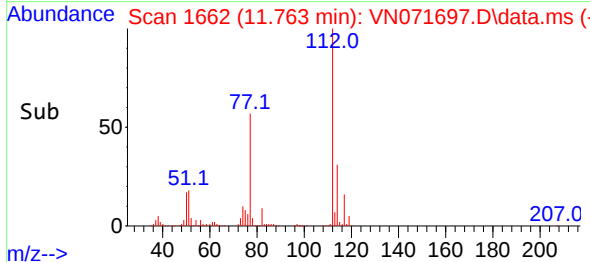
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



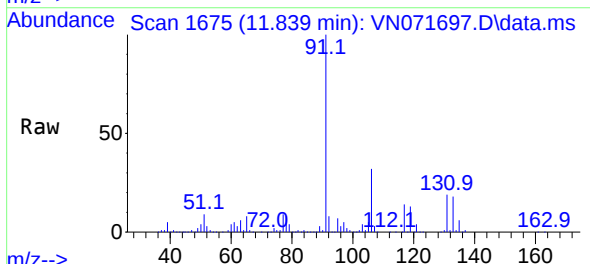
Tgt Ion:112 Resp: 788659
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

Manual Integrations
APPROVED

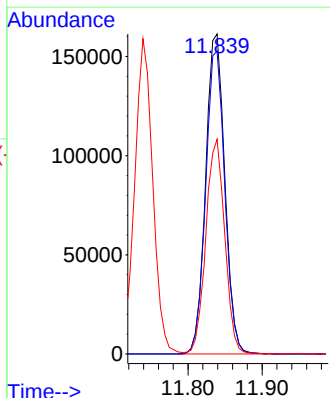
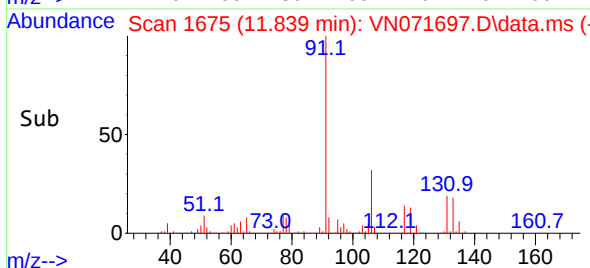
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

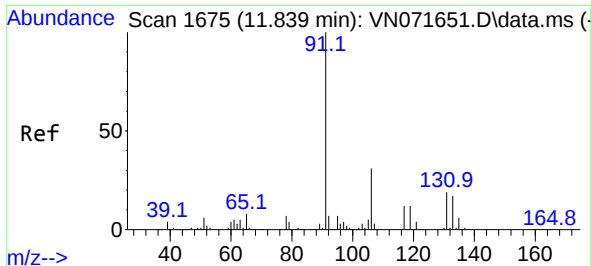


#66
1,1,1,2-Tetrachloroethane
Concen: 47.868 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



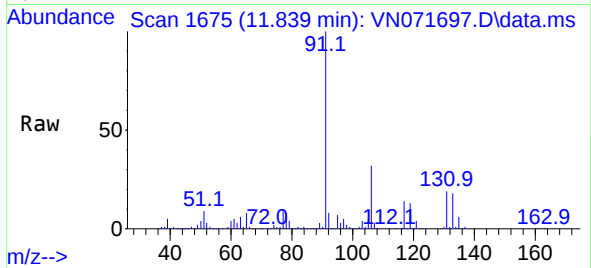
Tgt Ion:131 Resp: 289447
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 66.4 33.4 100.2





#67
Ethyl Benzene
Concen: 48.887 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

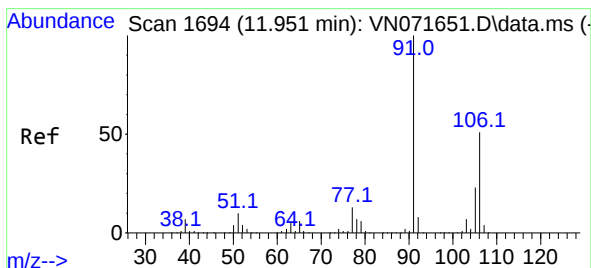
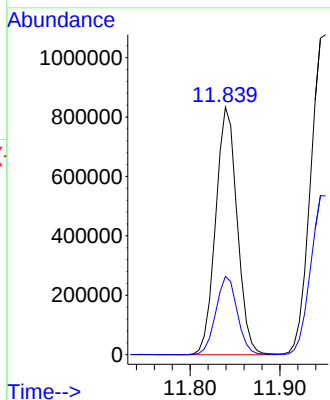
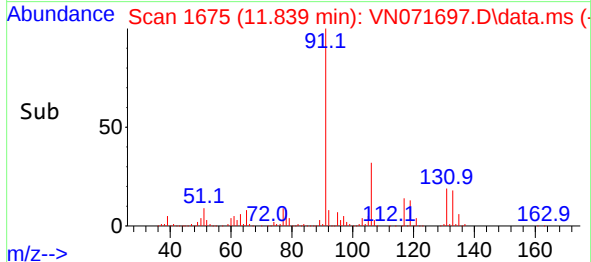
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



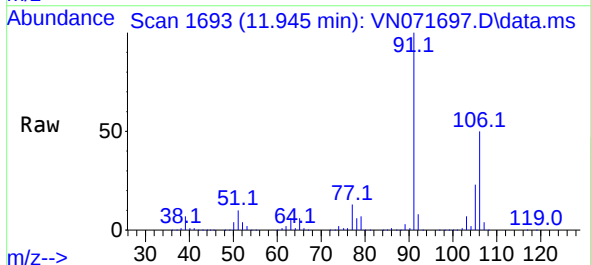
Tgt Ion: 91 Resp: 138683
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

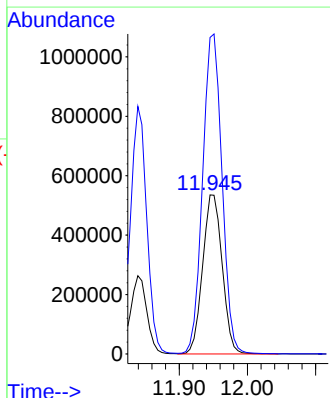
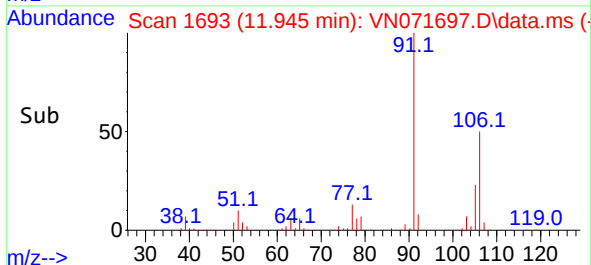
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

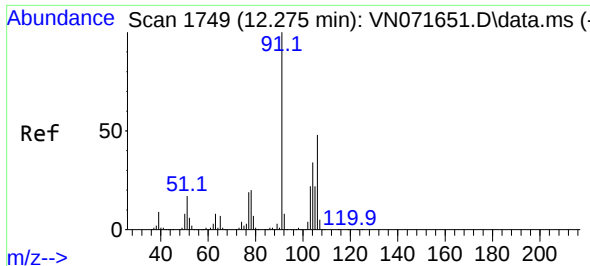


#68
m/p-Xylenes
Concen: 97.906 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



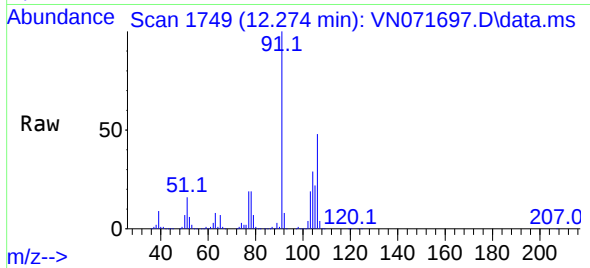
Tgt Ion:106 Resp: 1067144
Ion Ratio Lower Upper
106 100
91 200.0 158.9 238.3





#69
o-Xylene
Concen: 49.988 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

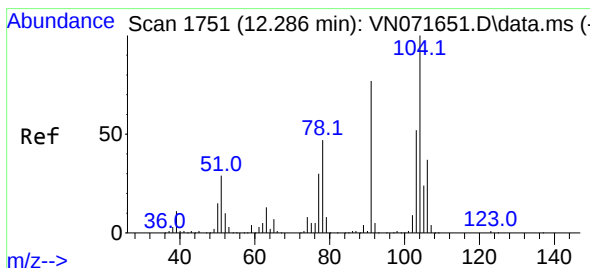
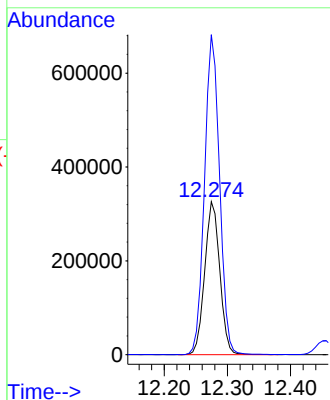
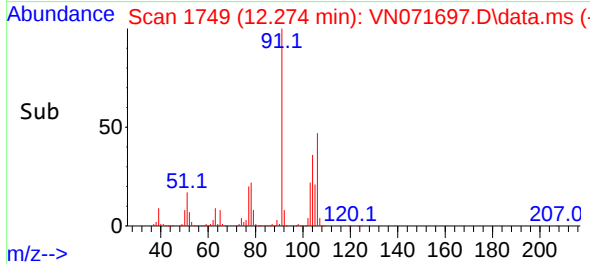
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 540799
Ion Ratio Lower Upper
106 100
91 208.4 106.0 318.0

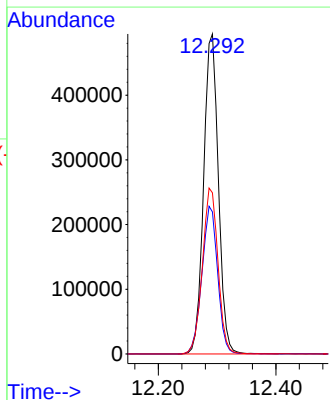
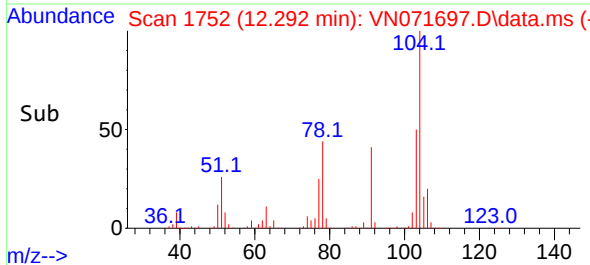
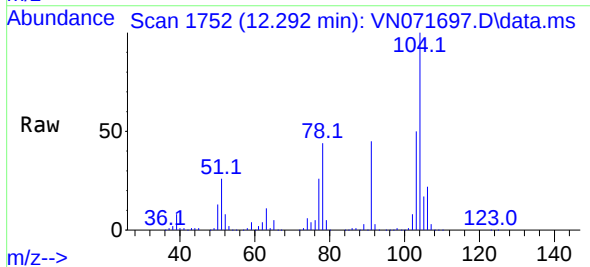
Manual Integrations
APPROVED

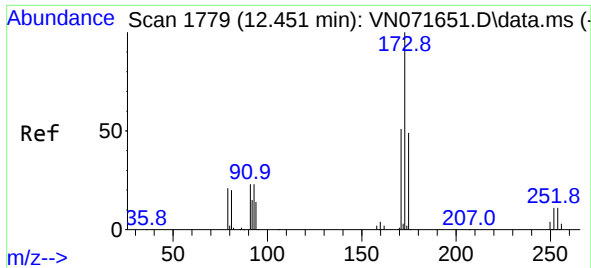
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Styrene
Concen: 52.573 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

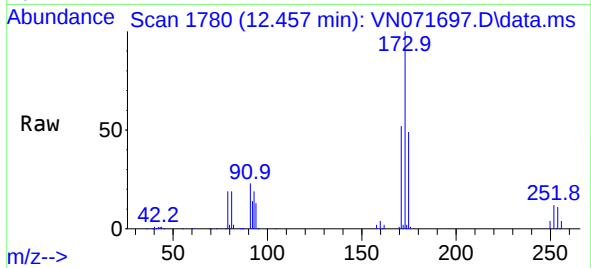
Tgt Ion:104 Resp: 861763
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 51.723 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

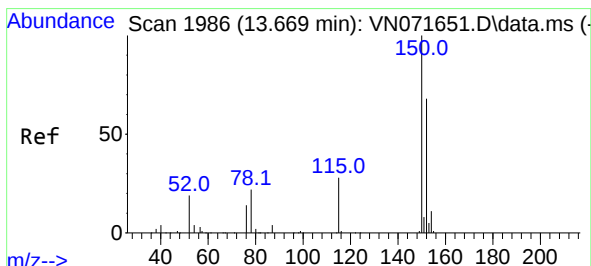
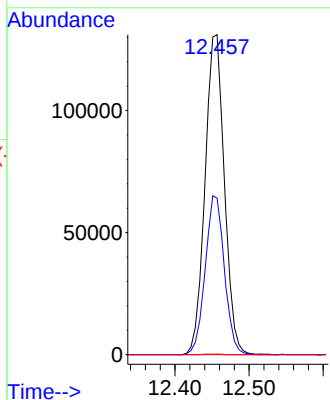
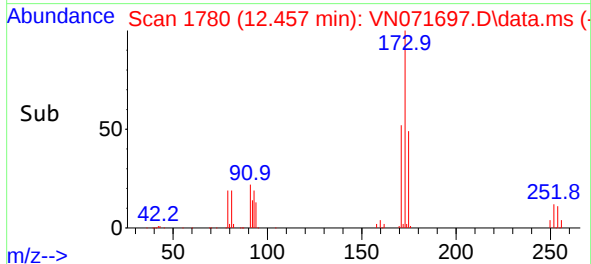
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



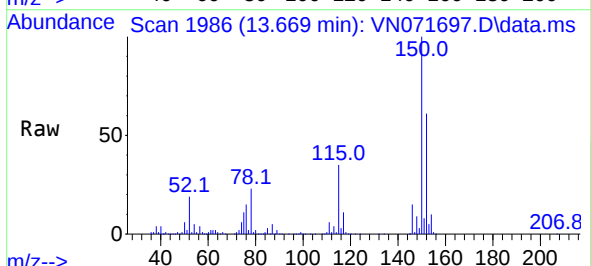
Tgt Ion:173 Resp: 238174
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

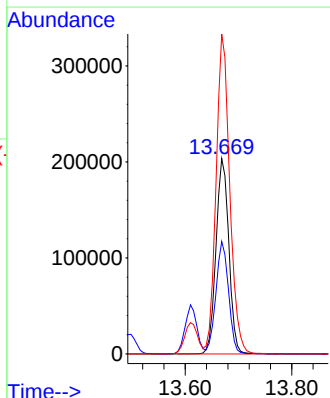
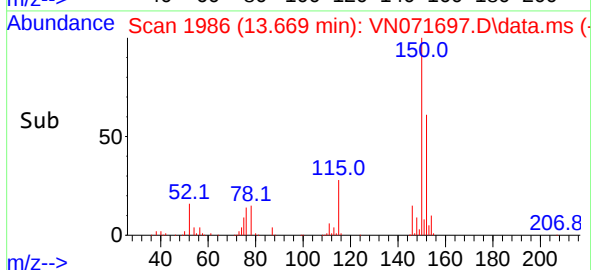
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

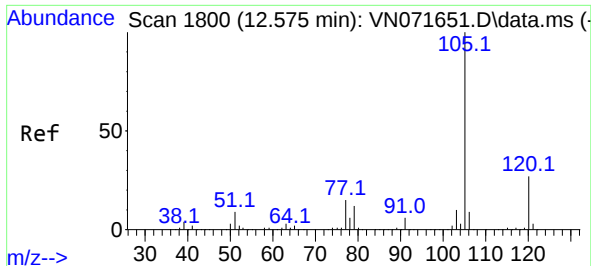


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



Tgt Ion:152 Resp: 340586
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 174.1 0.0 356.2





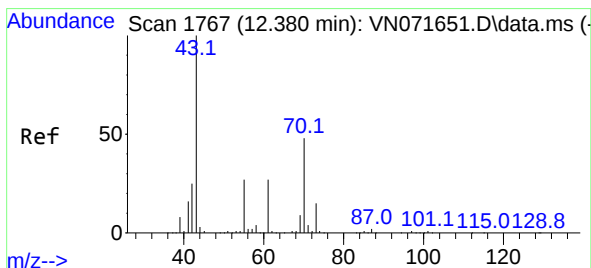
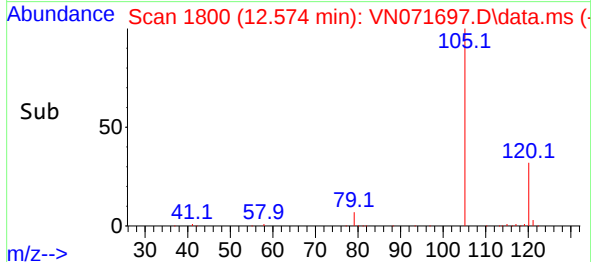
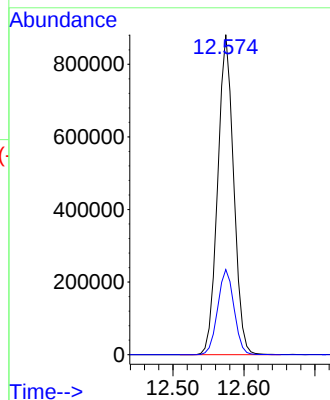
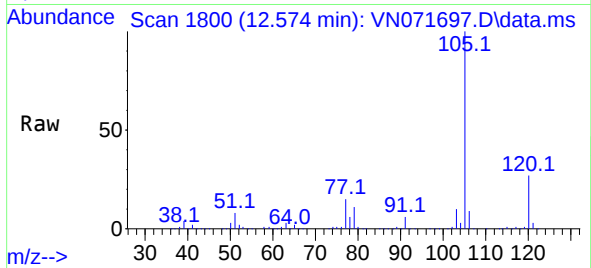
#73
Isopropylbenzene
Concen: 47.817 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1372349
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

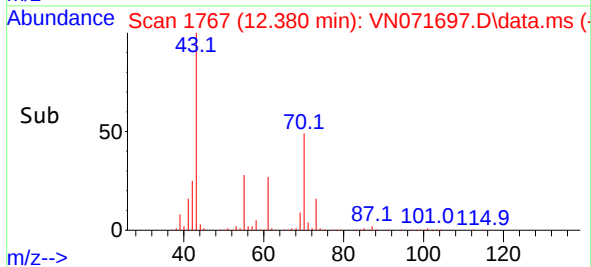
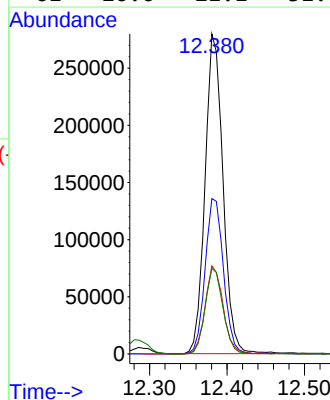
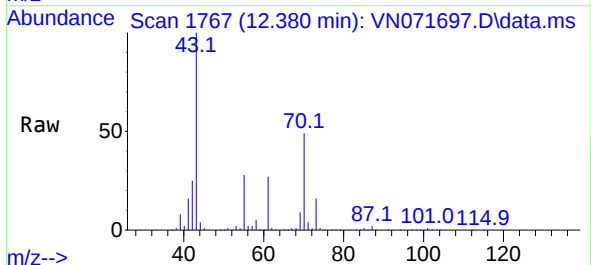
Manual Integrations
APPROVED

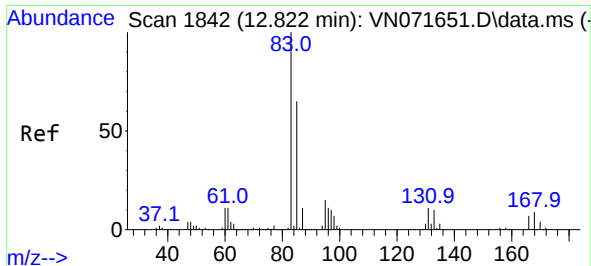
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
N-ethyl acetate
Concen: 54.772 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

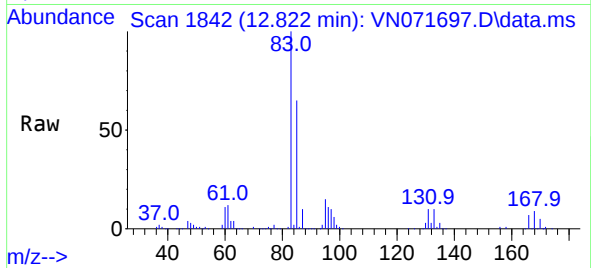
Tgt Ion: 43 Resp: 450399
Ion Ratio Lower Upper
43 100
70 49.7 39.0 58.4
55 27.6 21.1 31.7
61 26.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.218 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

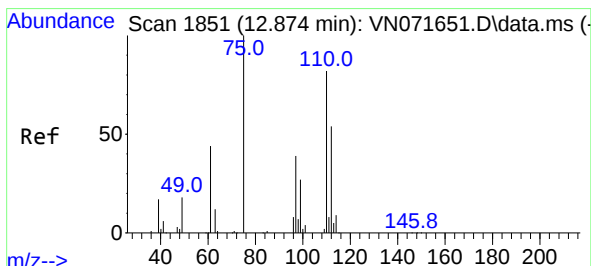
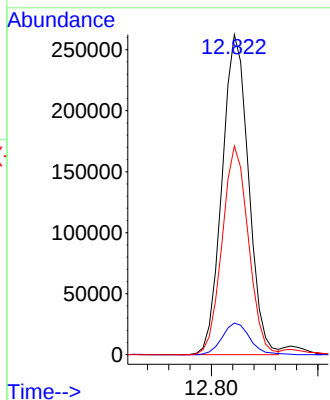
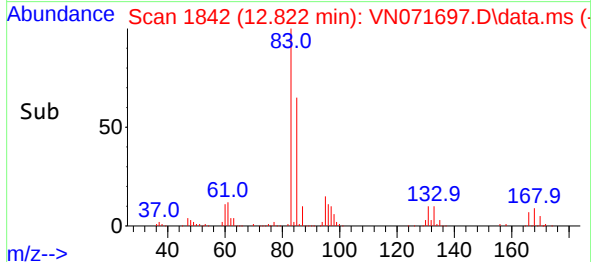
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



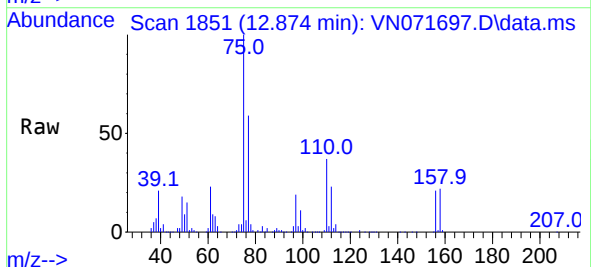
Tgt Ion: 83 Resp: 45216
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 64.7 32.3 96.9

Manual Integrations
APPROVED

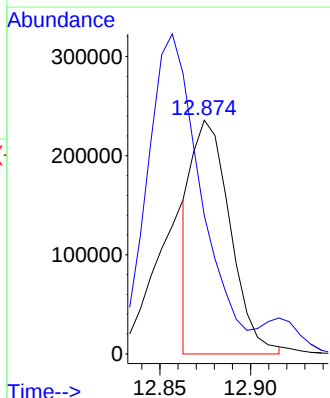
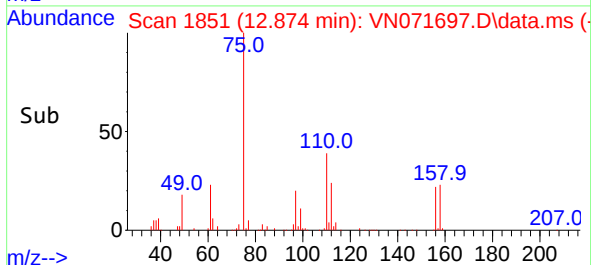
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

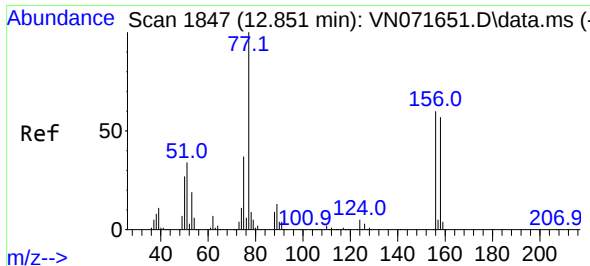


#76
1,2,3-Trichloropropane
Concen: 44.060 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



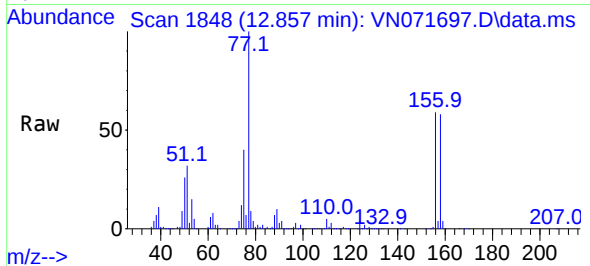
Tgt Ion: 75 Resp: 347630
Ion Ratio Lower Upper
75 100
77 190.4 98.5 295.5





#77
Bromobenzene
Concen: 45.528 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

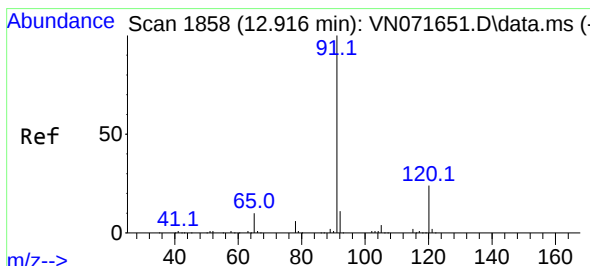
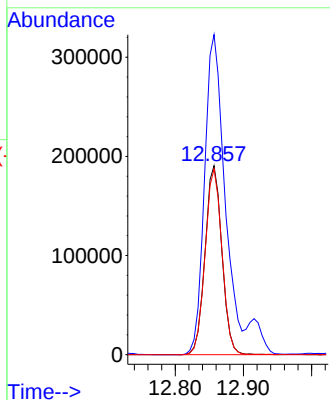
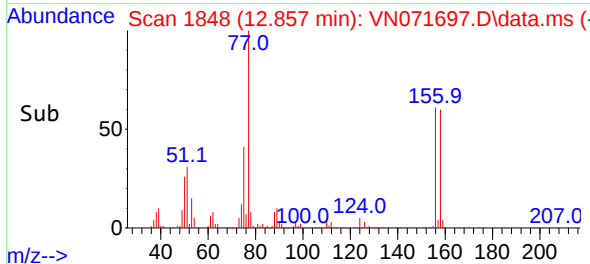
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 32756
Ion Ratio Lower Upper
156 100
77 202.0 100.5 301.5
158 98.6 48.9 146.6

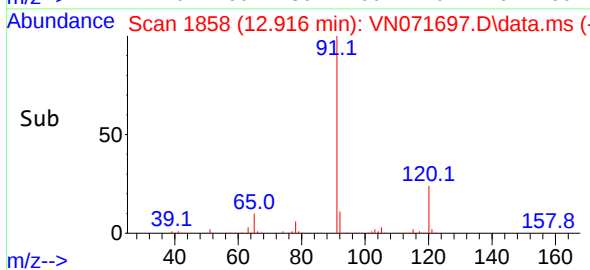
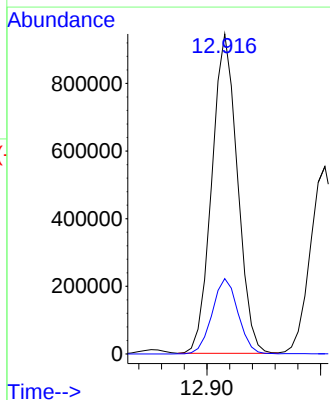
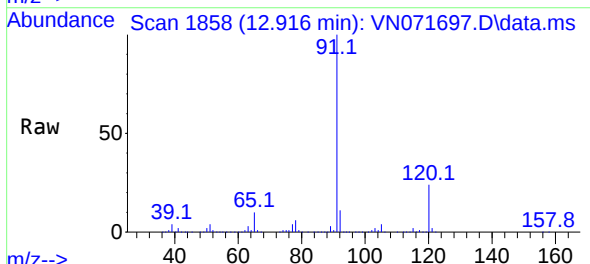
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
n-propylbenzene
Concen: 49.036 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Tgt Ion: 91 Resp: 1480411
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





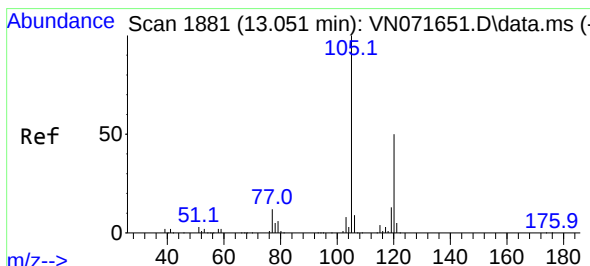
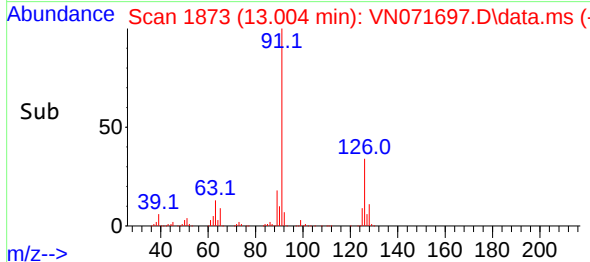
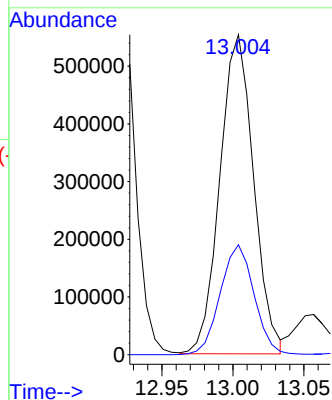
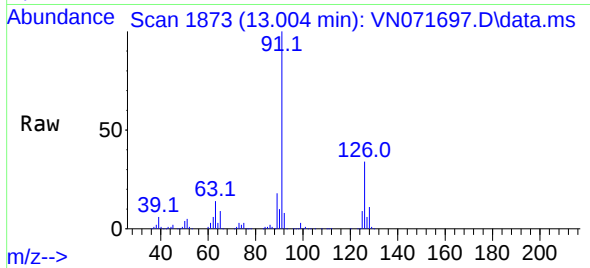
#79
2-Chlorotoluene
Concen: 47.253 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 914873
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.9

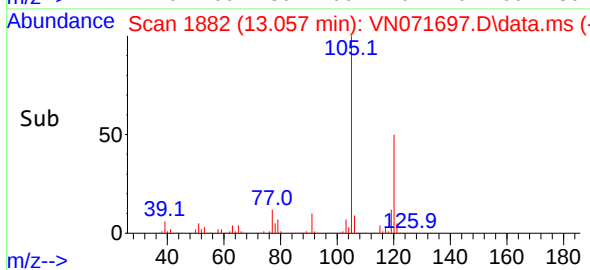
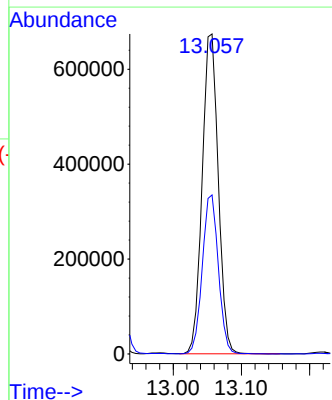
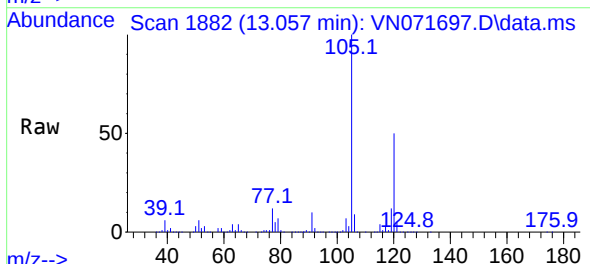
Manual Integrations
APPROVED

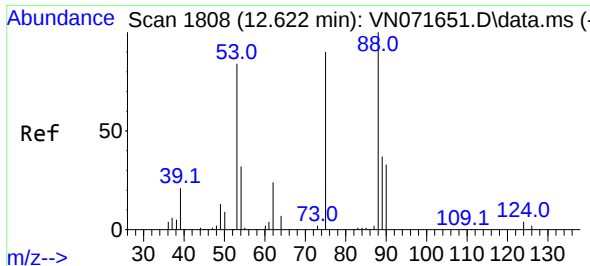
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.629 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

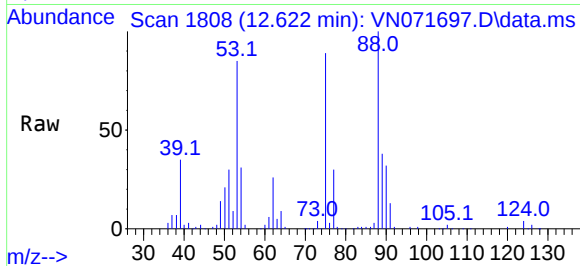
Tgt Ion:105 Resp: 1105800
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 50.072 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

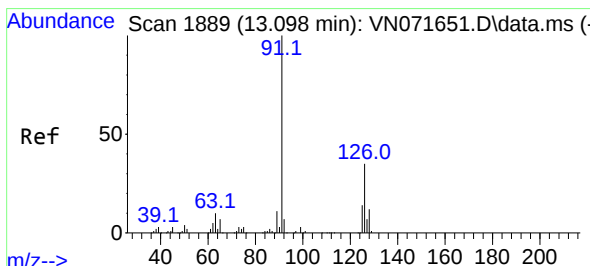
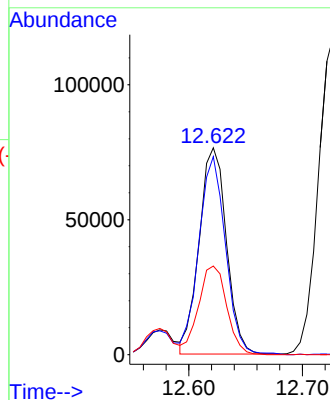
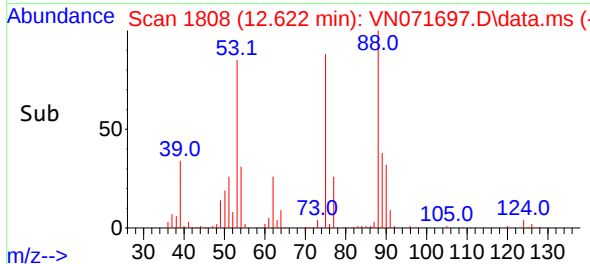
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



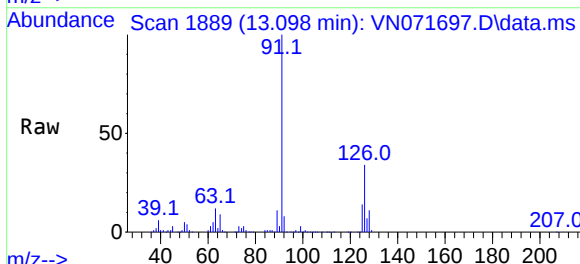
Tgt Ion: 75 Resp: 12748
Ion Ratio Lower Upper
75 100
53 94.4 78.0 117.0
89 44.6 37.2 55.8

Manual Integrations
APPROVED

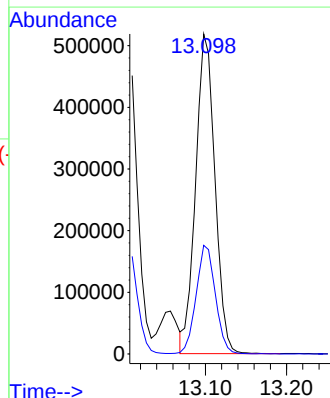
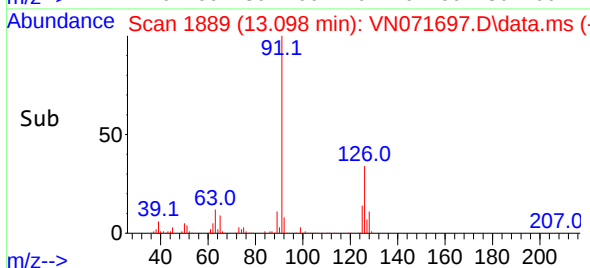
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

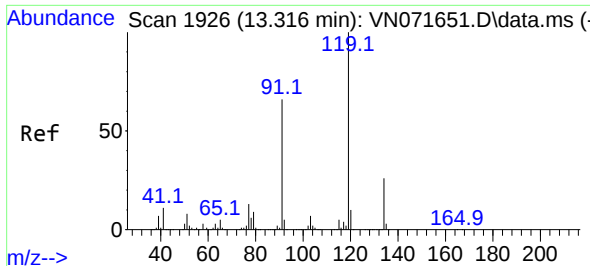


#82
4-Chlorotoluene
Concen: 47.663 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



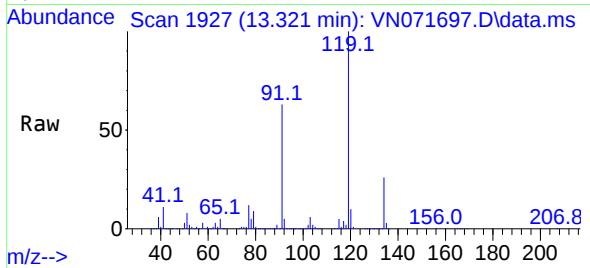
Tgt Ion: 91 Resp: 855380
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.245 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

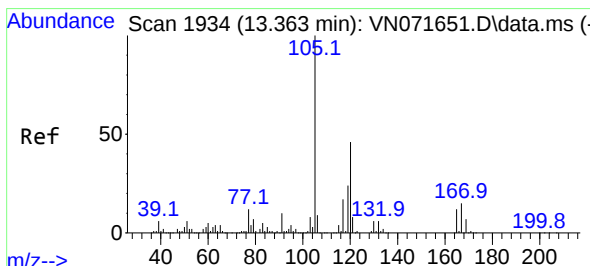
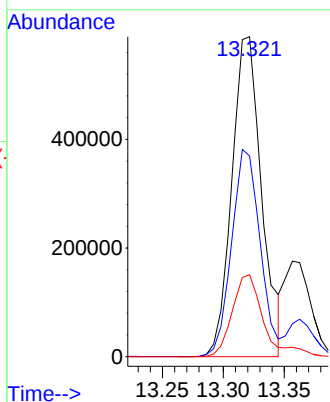
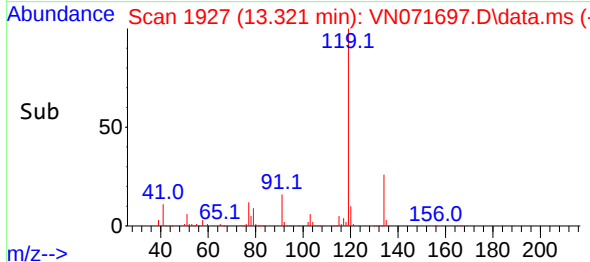
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



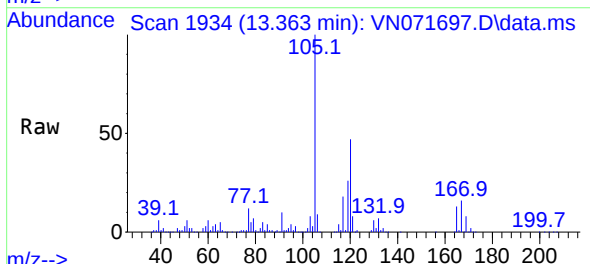
Tgt Ion:119 Resp: 100283
Ion Ratio Lower Upper
119 100
91 61.9 31.6 94.8
134 27.0 13.7 41.1

Manual Integrations
APPROVED

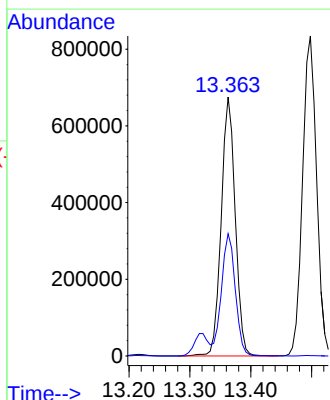
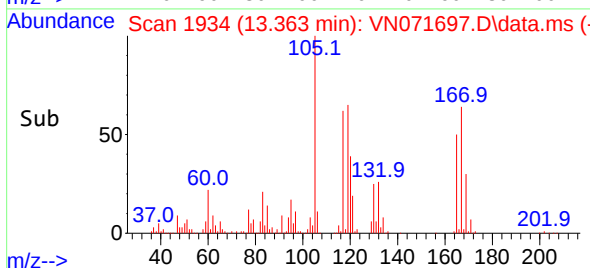
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

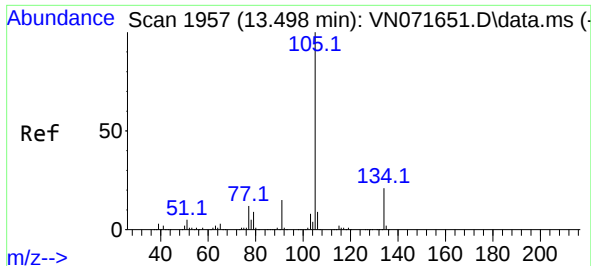


#84
1,2,4-Trimethylbenzene
Concen: 48.598 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



Tgt Ion:105 Resp: 1078245
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 49.477 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071697.D
 Acq: 31 Mar 2022 07:21

Instrument :

MSVOA_N

ClientSampleId :

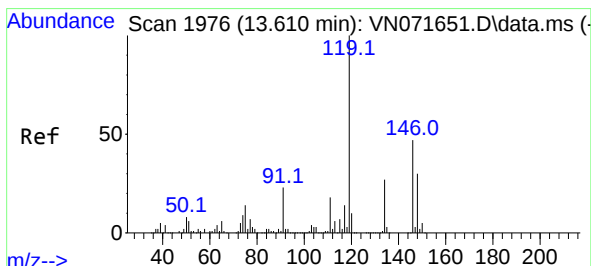
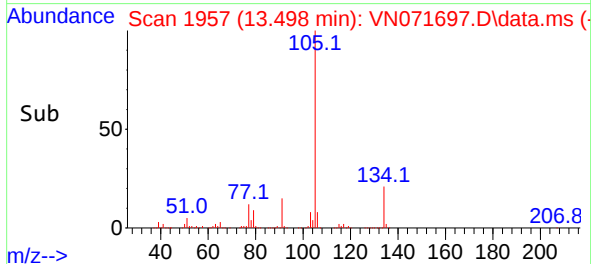
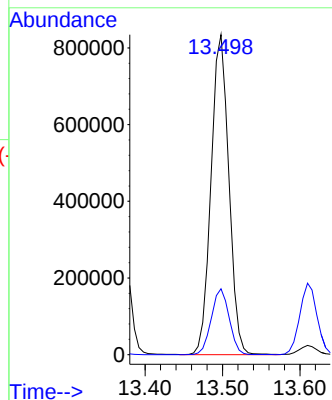
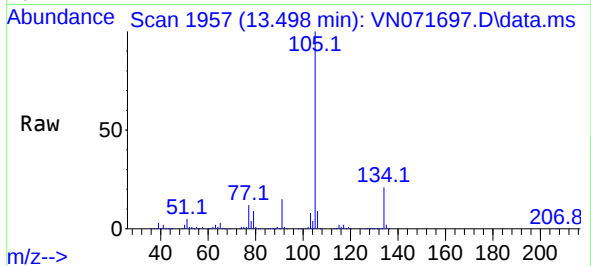
VSTDCCC050EC

Tgt Ion:105 Resp: 1333209
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations

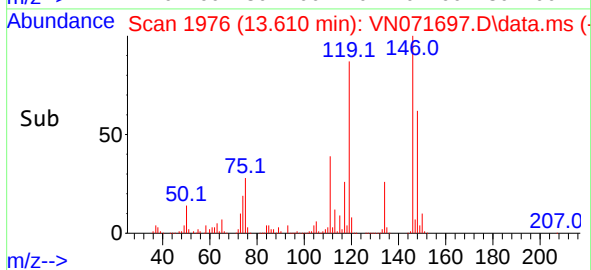
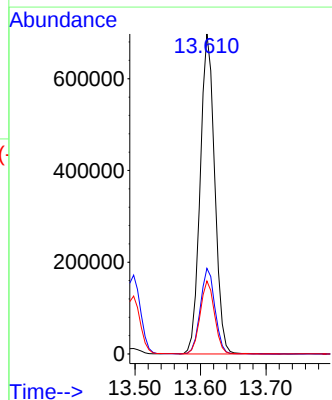
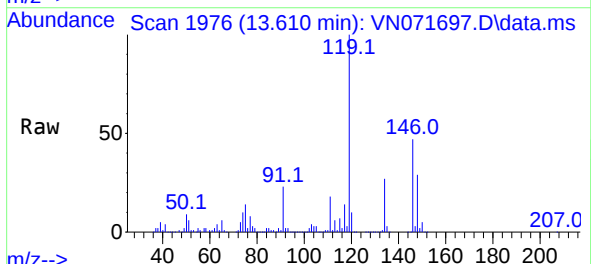
APPROVED

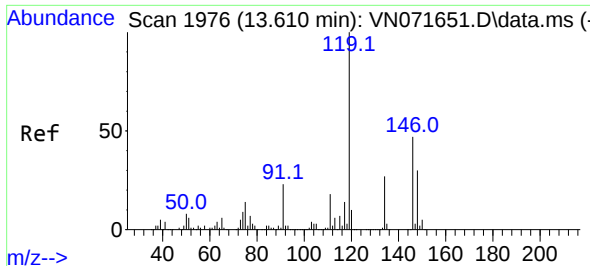
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#86
 p-Isopropyltoluene
 Concen: 50.113 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071697.D
 Acq: 31 Mar 2022 07:21

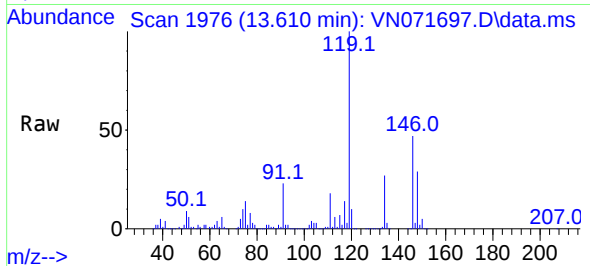
Tgt Ion:119 Resp: 1076677
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.090 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

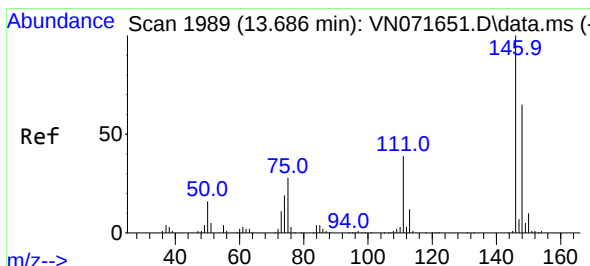
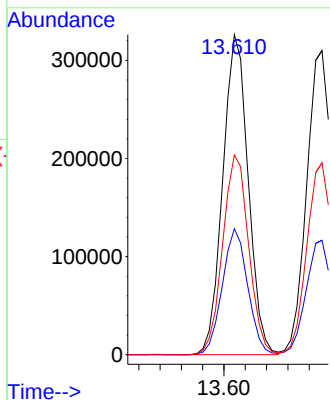
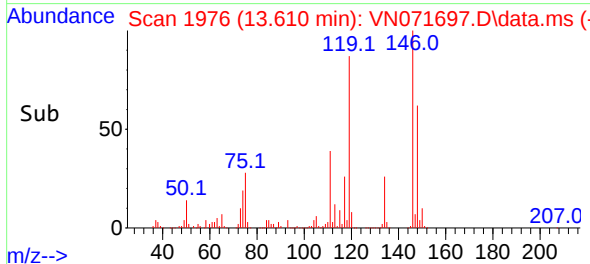
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



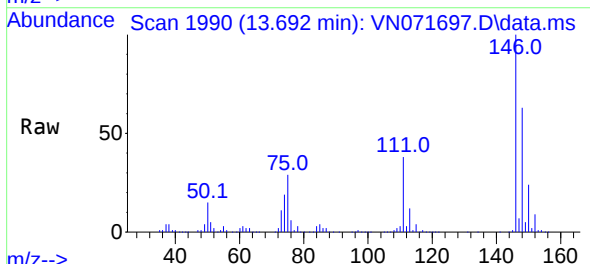
Tgt Ion:146 Resp: 53975
Ion Ratio Lower Upper
146 100
111 39.4 20.0 60.0
148 63.9 32.0 96.0

Manual Integrations
APPROVED

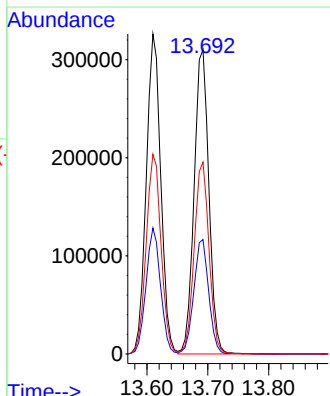
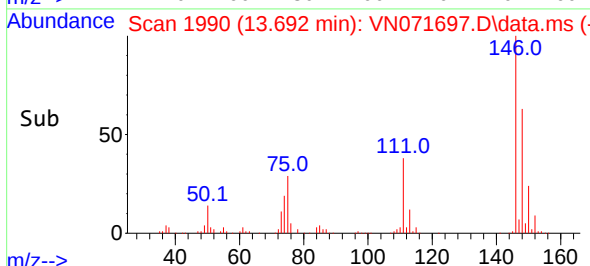
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

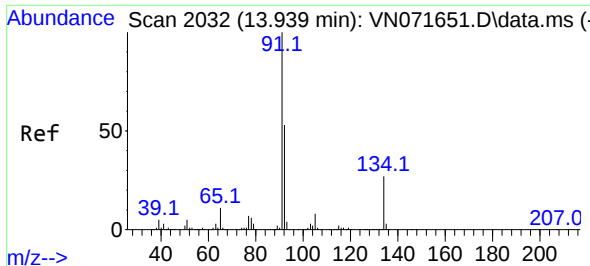


#88
1,4-Dichlorobenzene
Concen: 46.373 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



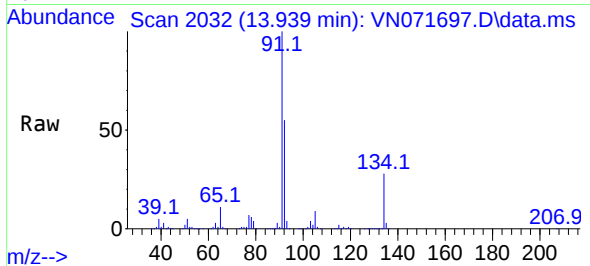
Tgt Ion:146 Resp: 521297
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.1
148 63.3 31.4 94.3





#89
n-Butylbenzene
Concen: 49.360 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

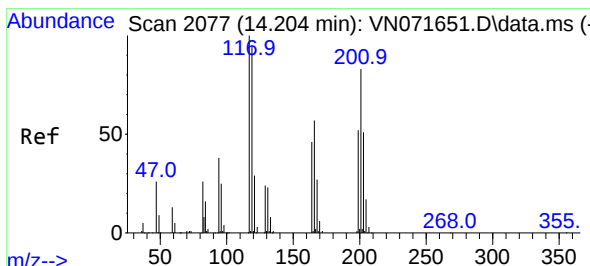
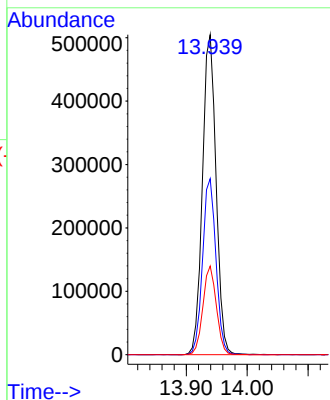
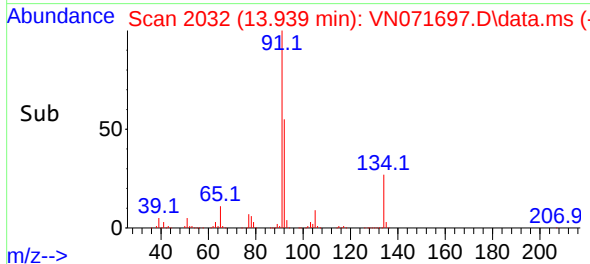
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 78656
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 27.4 13.6 40.8

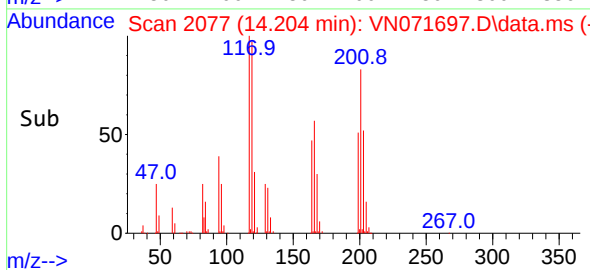
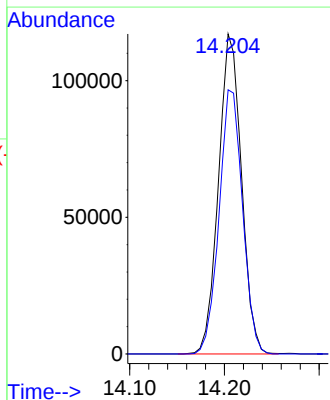
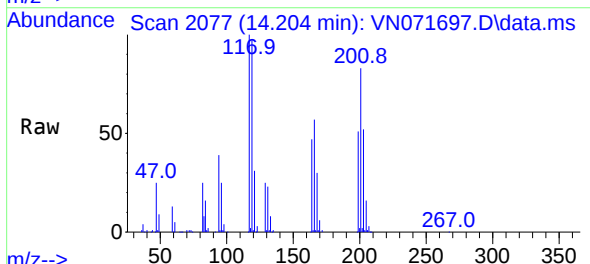
Manual Integrations
APPROVED

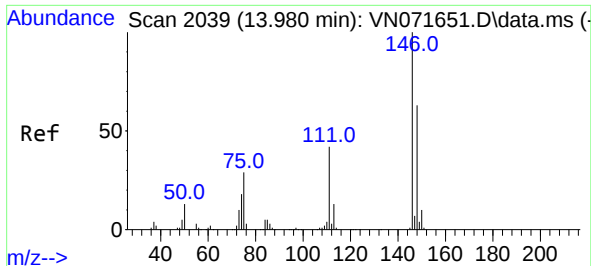
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
Hexachloroethane
Concen: 50.175 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Tgt Ion:117 Resp: 197337
Ion Ratio Lower Upper
117 100
201 84.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 46.687 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Instrument :

MSVOA_N

ClientSampleId :

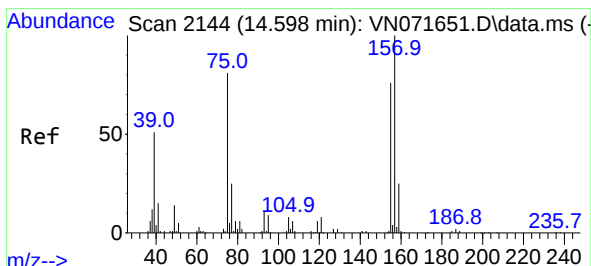
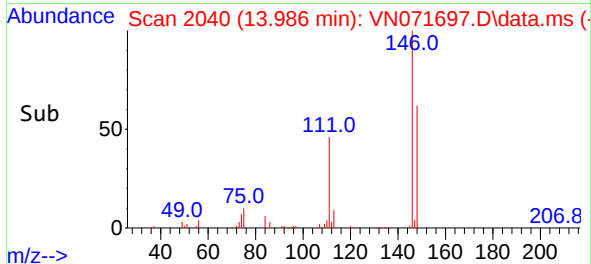
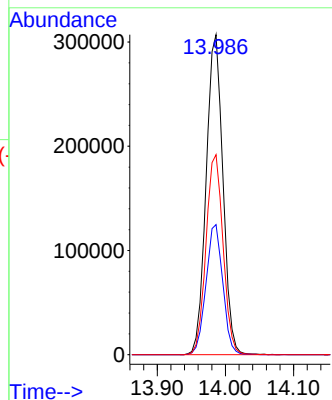
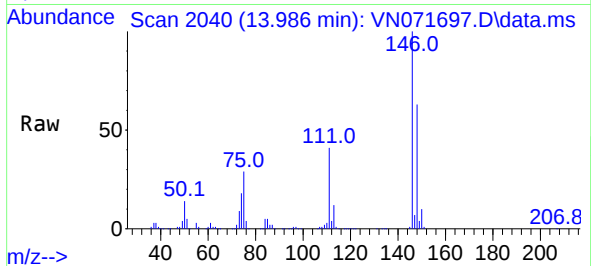
VSTDCCC050EC

Tgt Ion:146 Resp: 52535
Ion Ratio Lower Upper
146 100
111 40.8 20.9 62.8
148 63.7 32.1 96.3

Manual Integrations

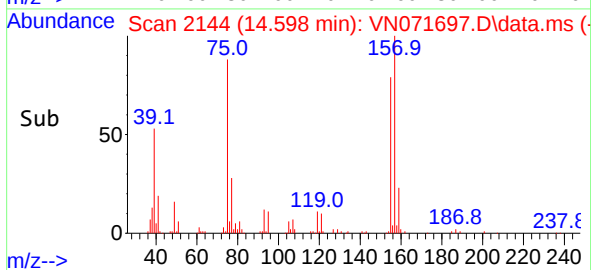
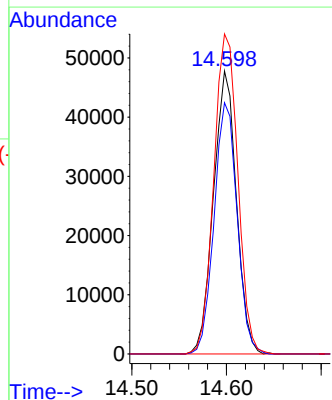
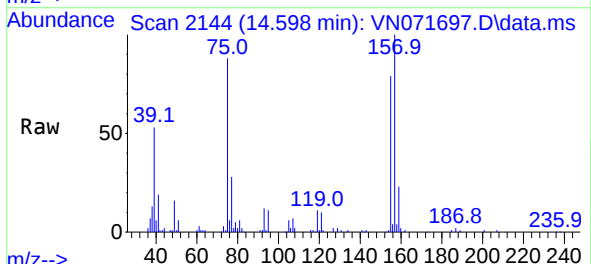
APPROVED

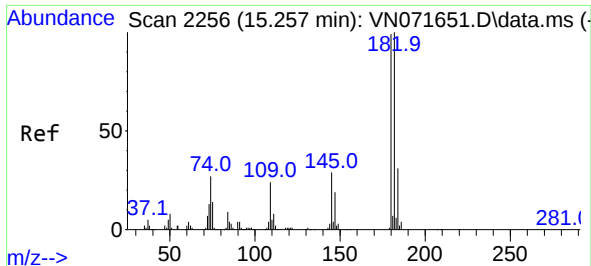
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.304 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

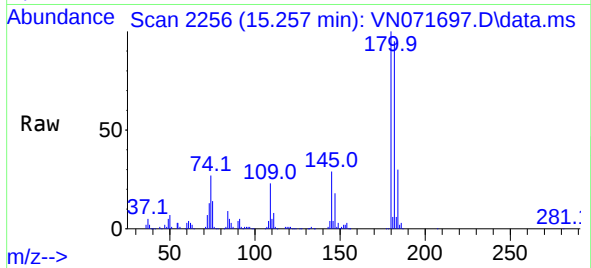
Tgt Ion: 75 Resp: 80661
Ion Ratio Lower Upper
75 100
155 88.9 44.9 134.5
157 118.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 45.998 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

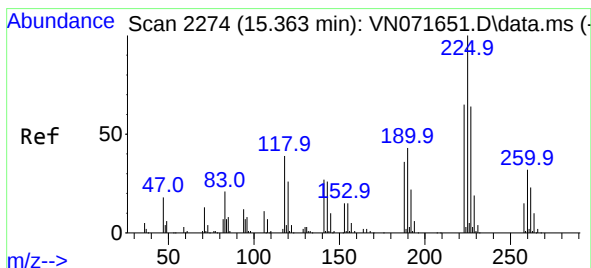
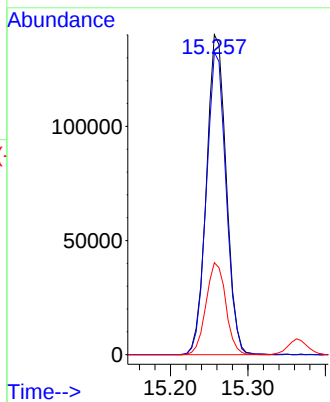
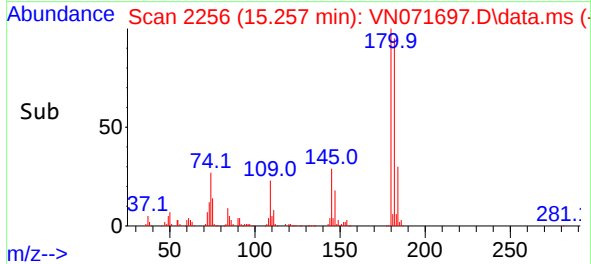
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



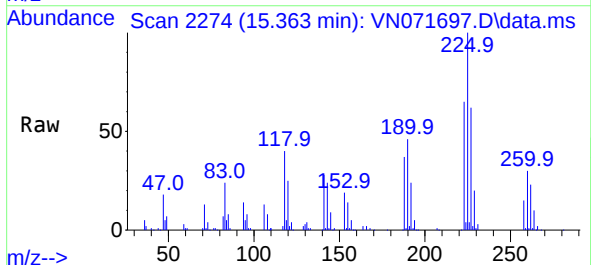
Tgt Ion:180 Resp: 24838
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 28.8 14.5 43.5

Manual Integrations
APPROVED

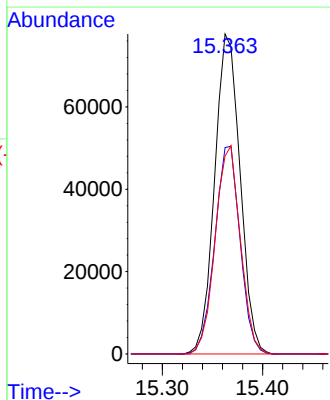
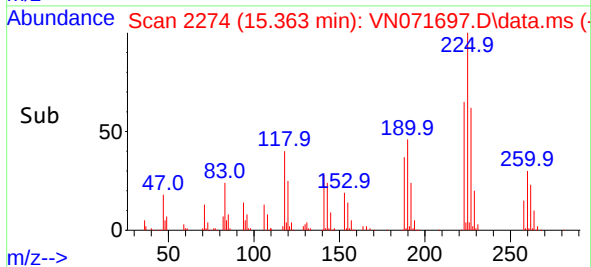
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

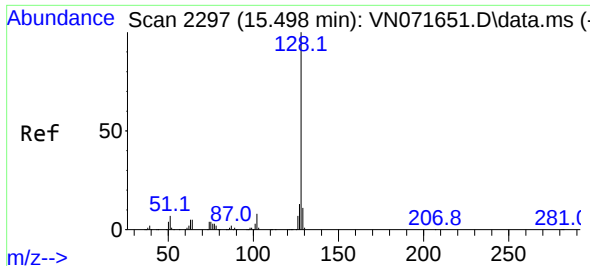


#94
Hexachlorobutadiene
Concen: 41.310 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21



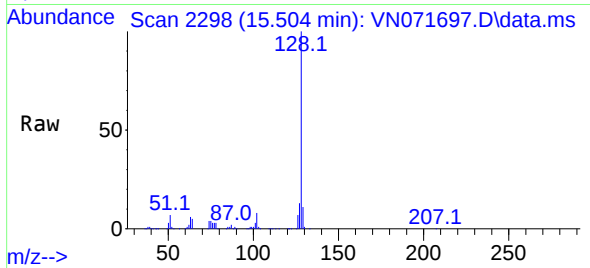
Tgt Ion:225 Resp: 137098
Ion Ratio Lower Upper
225 100
223 64.3 32.4 97.2
227 64.1 31.8 95.4





#95
Naphthalene
Concen: 50.044 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

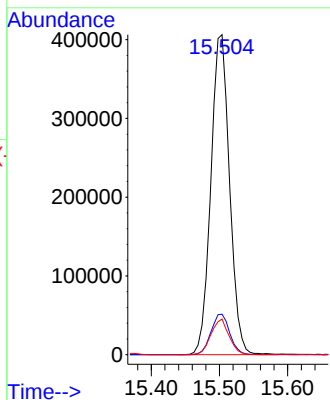
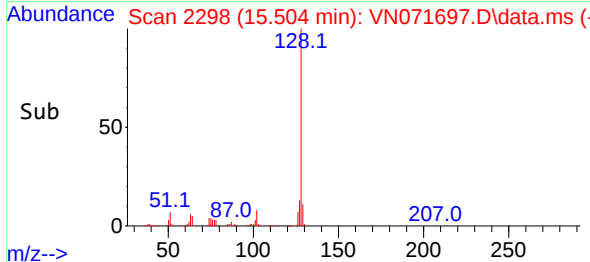
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 776218
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.479 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071697.D
Acq: 31 Mar 2022 07:21

Tgt Ion:180 Resp: 248631
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.3
145 30.4 15.5 46.5

