

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072066.D
 Acq On : 19 Apr 2022 21:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 01:30:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	506097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	786479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	773364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	312557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	280774	48.596	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.200%		
35) Dibromofluoromethane	8.016	113	244041	52.732	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.460%		
50) Toluene-d8	10.439	98	1000924	52.869	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.740%		
62) 4-Bromofluorobenzene	12.727	95	346373	56.570	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	273519	67.980	ug/l	98
3) Chloromethane	2.298	50	285499	55.997	ug/l	100
4) Vinyl Chloride	2.440	62	295723	52.817	ug/l	99
5) Bromomethane	2.816	94	94785	26.042	ug/l	100
6) Chloroethane	2.981	64	183942	45.667	ug/l	100
7) Trichlorofluoromethane	3.351	101	405483	56.922	ug/l	99
8) Diethyl Ether	3.822	74	173637	57.677	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.204	101	248375	56.580	ug/l	97
10) Methyl Iodide	4.416	142	363134	59.178	ug/l	99
11) Tert butyl alcohol	5.369	59	258429	275.621	ug/l	98
12) 1,1-Dichloroethene	4.175	96	247261	59.191	ug/l	99
13) Acrolein	4.034	56	267482	233.967	ug/l	98
14) Allyl chloride	4.834	41	380506	56.120	ug/l	94
15) Acrylonitrile	5.545	53	838148	307.537	ug/l	97
16) Acetone	4.281	43	609697	246.923	ug/l	95
17) Carbon Disulfide	4.522	76	594284	62.004	ug/l	100
18) Methyl Acetate	4.845	43	372755	61.305	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	899719	57.975	ug/l	97
20) Methylene Chloride	5.087	84	301167	57.868	ug/l	95
21) trans-1,2-Dichloroethene	5.587	96	260188	56.738	ug/l	97
22) Diisopropyl ether	6.492	45	831306	56.320	ug/l	96
23) Vinyl Acetate	6.428	43	3544119	301.941	ug/l	99
24) 1,1-Dichloroethane	6.381	63	493116	56.908	ug/l	99
25) 2-Butanone	7.328	43	1028116	288.827	ug/l	98
26) 2,2-Dichloropropane	7.322	77	362457	48.692	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	326839	58.121	ug/l	95
28) Bromochloromethane	7.651	49	162625	46.525	ug/l	95
29) Tetrahydrofuran	7.675	42	671956	291.534	ug/l	96
30) Chloroform	7.810	83	505322	55.229	ug/l	99
31) Cyclohexane	8.092	56	438335	55.787	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	435737	55.668	ug/l	97
36) 1,1-Dichloropropene	8.216	75	366530	56.714	ug/l	99
37) Ethyl Acetate	7.404	43	401398	56.745	ug/l	96
38) Carbon Tetrachloride	8.204	117	363576	57.402	ug/l	99
39) Methylcyclohexane	9.457	83	467209	60.731	ug/l	98
40) Benzene	8.457	78	1195107	58.539	ug/l	99

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Quant Time: Apr 20 01:30:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	220307	63.607	ug/l	91
42) 1,2-Dichloroethane	8.522	62	386817	54.772	ug/l	98
43) Isopropyl Acetate	8.557	43	732521	62.258	ug/l	97
44) Trichloroethene	9.210	130	301801	57.380	ug/l	97
45) 1,2-Dichloropropane	9.486	63	296773	58.188	ug/l	100
46) Dibromomethane	9.574	93	201915	58.309	ug/l	97
47) Bromodichloromethane	9.757	83	404811	59.386	ug/l	99
48) Methyl methacrylate	9.557	41	306981	62.888	ug/l	94
49) 1,4-Dioxane	9.563	88	102845	886.512	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	2196807	324.746	ug/l	96
52) Toluene	10.498	92	803024	62.224	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	446481	62.496	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	483279	61.224	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	319923	60.234	ug/l	97
56) Ethyl methacrylate	10.757	69	527861	69.667	ug/l	93
57) 1,3-Dichloropropane	11.039	76	540073	60.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	772109	325.501	ug/l	100
59) 2-Hexanone	11.080	43	1538296	322.989	ug/l	95
60) Dibromochloromethane	11.233	129	329456	63.616	ug/l	100
61) 1,2-Dibromoethane	11.339	107	331821	63.467	ug/l	100
64) Tetrachloroethene	10.974	164	274210	53.695	ug/l	98
65) Chlorobenzene	11.768	112	883228	57.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	315678	56.493	ug/l	98
67) Ethyl Benzene	11.839	91	1547330	59.025	ug/l	98
68) m/p-Xylenes	11.951	106	1190951	118.239	ug/l	99
69) o-Xylene	12.274	106	606733	60.688	ug/l	97
70) Styrene	12.292	104	971735	64.151	ug/l	99
71) Bromoform	12.451	173	257668	60.552	ug/l	98
73) Isopropylbenzene	12.574	105	1519780	57.702	ug/l	99
74) N-amyl acetate	12.380	43	465616	61.700	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	451870	51.419	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	395037m	54.558	ug/l	
77) Bromobenzene	12.857	156	360757	54.639	ug/l	96
78) n-propylbenzene	12.915	91	1629708	58.822	ug/l	99
79) 2-Chlorotoluene	13.004	91	977481	55.014	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1219340	58.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	135792	58.119	ug/l	95
82) 4-Chlorotoluene	13.098	91	908391	55.156	ug/l	99
83) tert-Butylbenzene	13.321	119	1081183	56.678	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1199923	58.932	ug/l	100
85) sec-Butylbenzene	13.498	105	1434596	58.014	ug/l	99
86) p-Isopropyltoluene	13.610	119	1195704	60.644	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	572784	54.453	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	552898	53.877	ug/l	99
89) n-Butylbenzene	13.939	91	877252	59.988	ug/l	99
90) Hexachloroethane	14.204	117	198169	54.906	ug/l	96
91) 1,2-Dichlorobenzene	13.980	146	548619	53.127	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	81789	60.002	ug/l	95
93) 1,2,4-Trichlorobenzene	15.256	180	288682	57.699	ug/l	100
94) Hexachlorobutadiene	15.362	225	155389	51.020	ug/l	98
95) Naphthalene	15.498	128	897548	62.067	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	285472	58.797	ug/l	100

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Sample : VSTDCCC050
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050EC

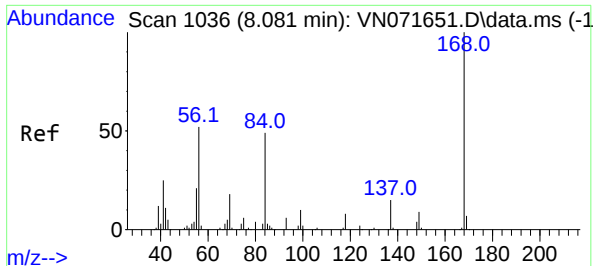
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 01:30:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

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



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

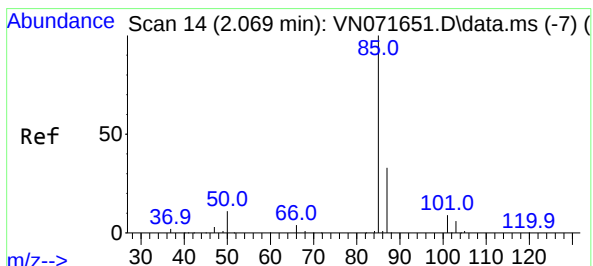
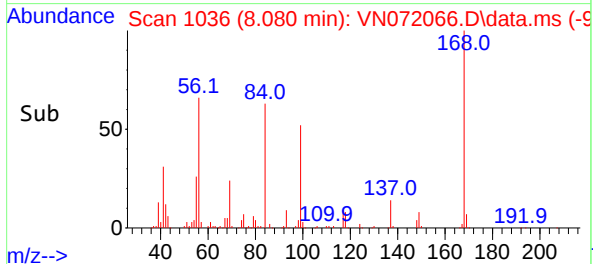
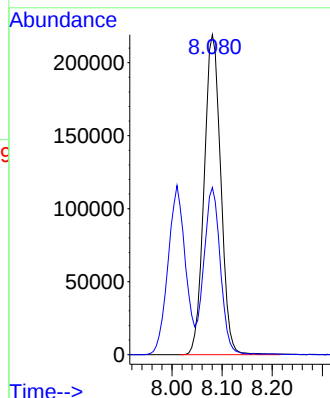
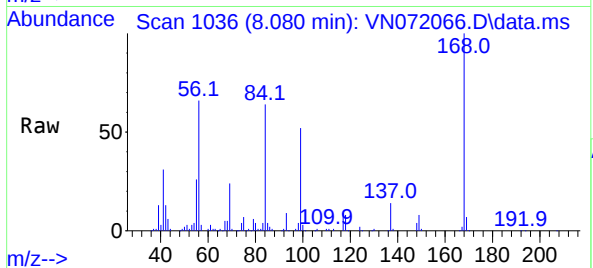
VSTDCCC050EC

Tgt Ion:168 Resp: 50609
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5

Manual Integrations

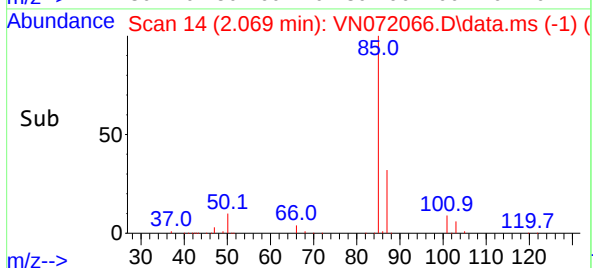
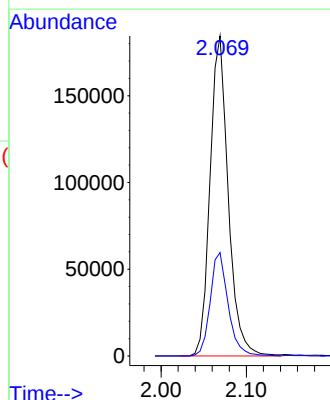
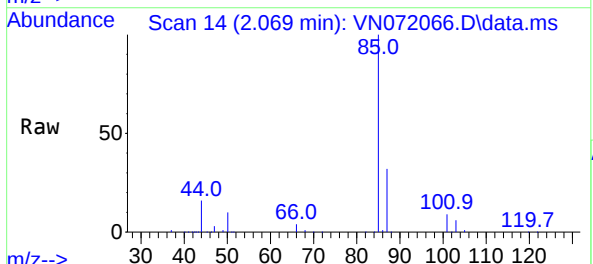
APPROVED

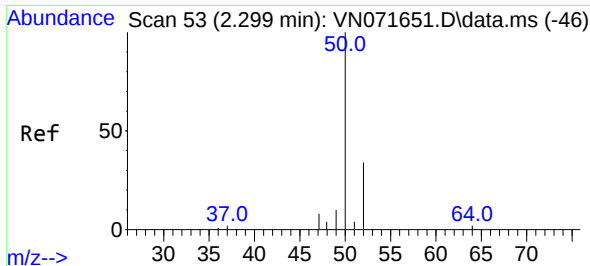
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



Dichlorodifluoromethane
Concen: 67.980 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

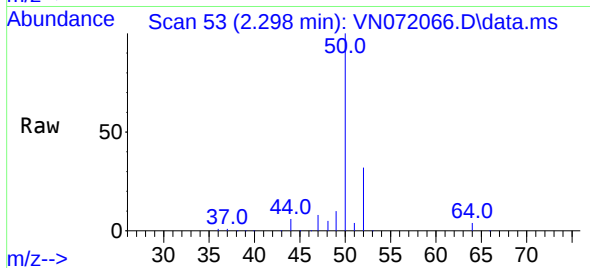
Tgt Ion: 85 Resp: 273519
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3
Chloromethane
Concen: 55.997 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

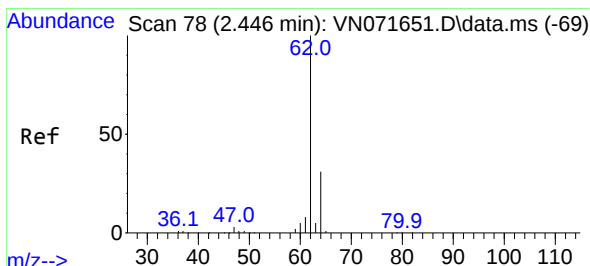
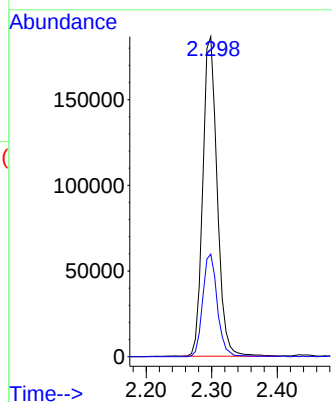
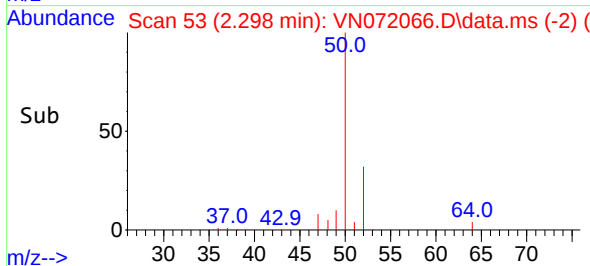
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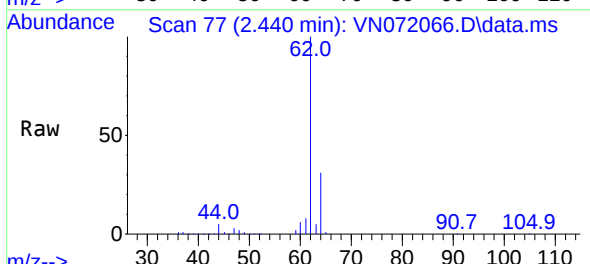
Tgt Ion: 50 Resp: 285499
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

Manual Integrations
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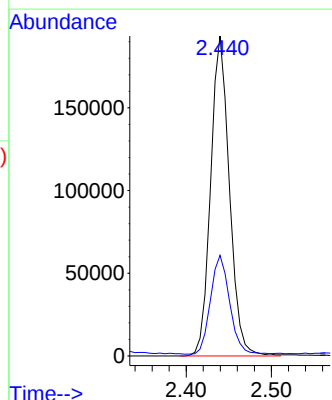
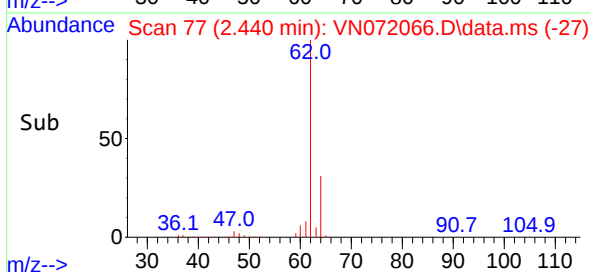
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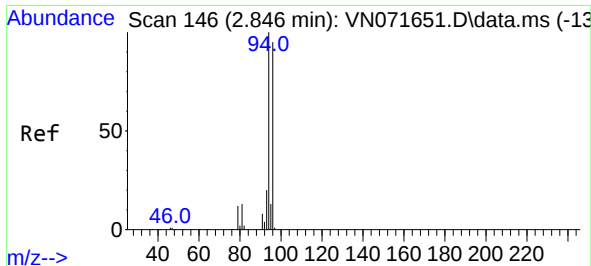


#4
Vinyl Chloride
Concen: 52.817 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
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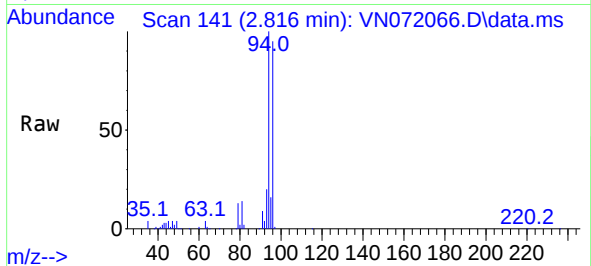
Tgt Ion: 62 Resp: 295723
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.4





#5
Bromomethane
Concen: 26.042 ug/l
RT: 2.816 min Scan# 146
Delta R.T. -0.030 min
Lab File: VN072066.D
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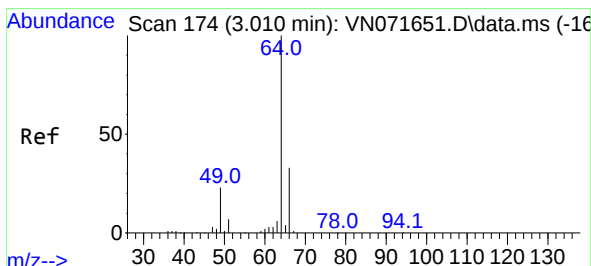
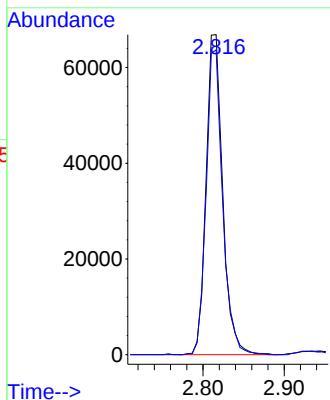
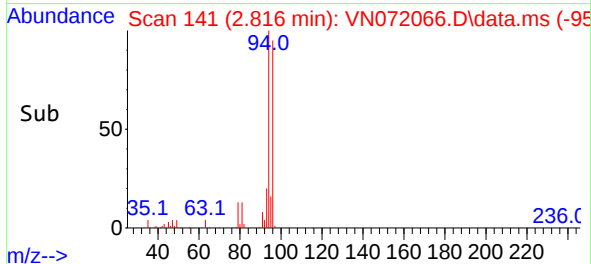
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Tgt Ion: 94 Resp: 94785
Ion Ratio Lower Upper
94 100
96 95.3 76.0 114.0

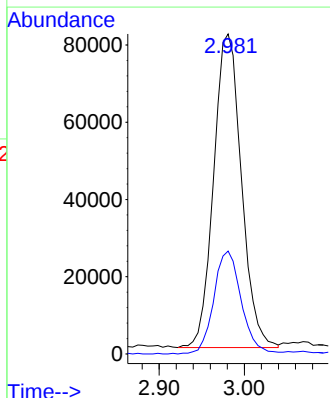
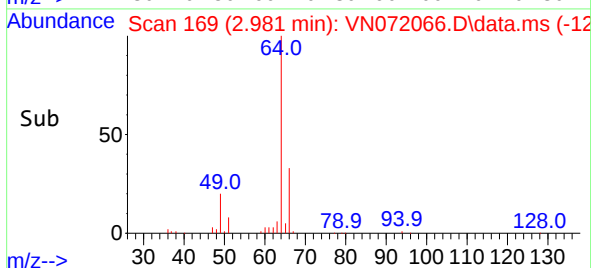
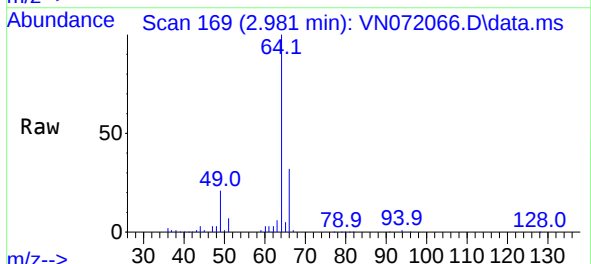
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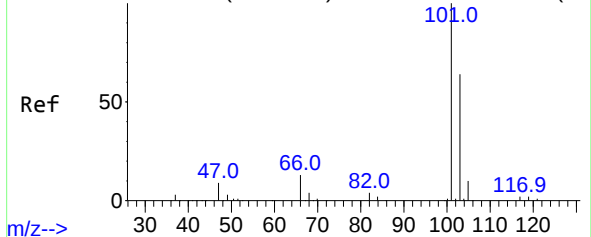


#6
Chloroethane
Concen: 45.667 ug/l
RT: 2.981 min Scan# 169
Delta R.T. -0.029 min
Lab File: VN072066.D
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Tgt Ion: 64 Resp: 183942
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4



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



#7

Trichlorofluoromethane

Concen: 56.922 ug/l

RT: 3.351 min Scan# 21

Delta R.T. -0.024 min

Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 40548

Ion Ratio Lower Upper

101 100

103 63.8 51.5 77.3

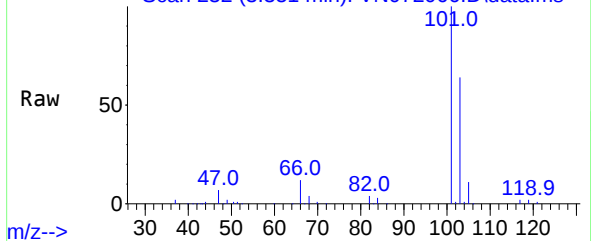
Manual Integrations

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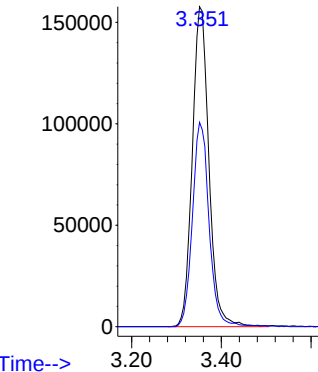
Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022

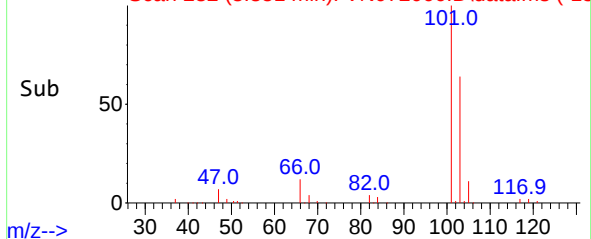
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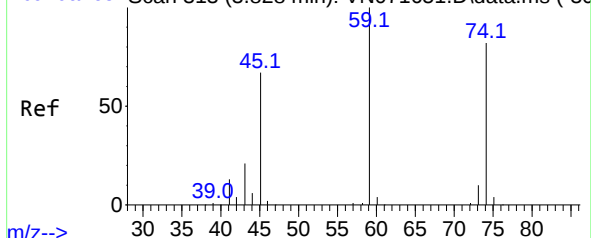
Abundance



Abundance Scan 232 (3.351 min): VN072066.D\data.ms (-18



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



#8

Diethyl Ether

Concen: 57.677 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

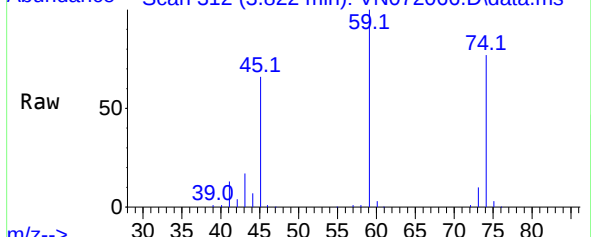
Tgt Ion: 74 Resp: 173637

Ion Ratio Lower Upper

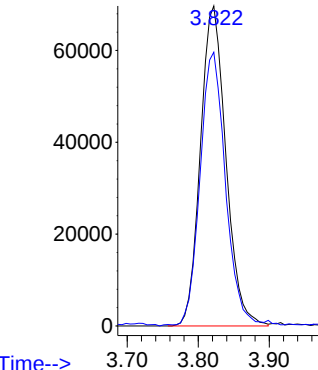
74 100

45 86.0 42.9 128.5

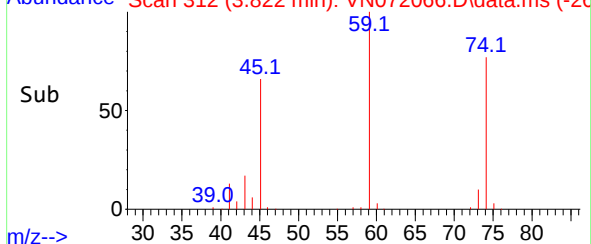
Abundance Scan 312 (3.822 min): VN072066.D\data.ms

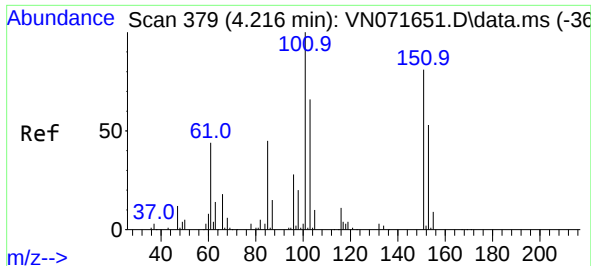


Abundance



Abundance Scan 312 (3.822 min): VN072066.D\data.ms (-26





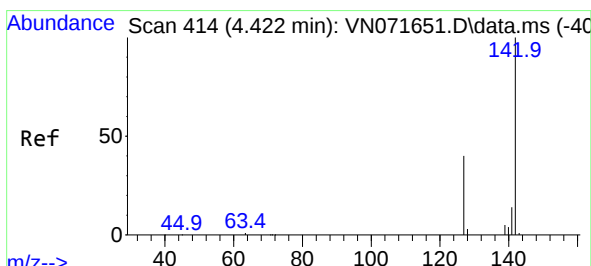
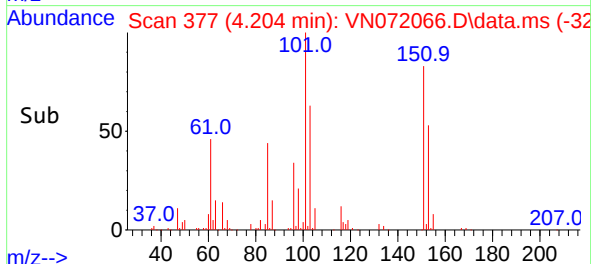
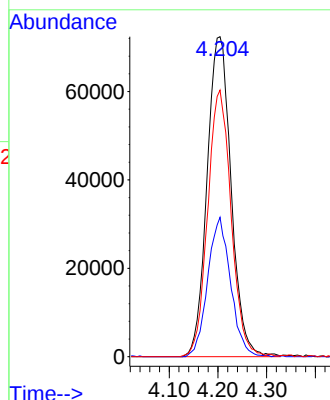
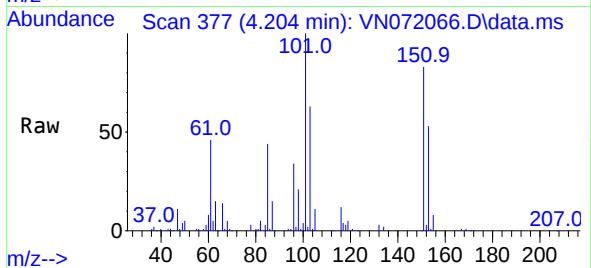
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.580 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 24837
Ion Ratio Lower Upper
101 100
85 41.4 34.7 52.1
151 81.2 63.0 94.4

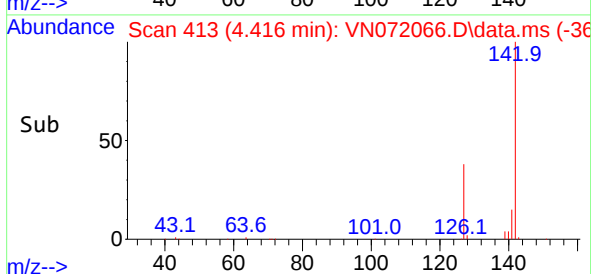
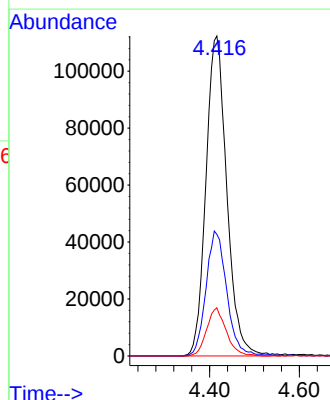
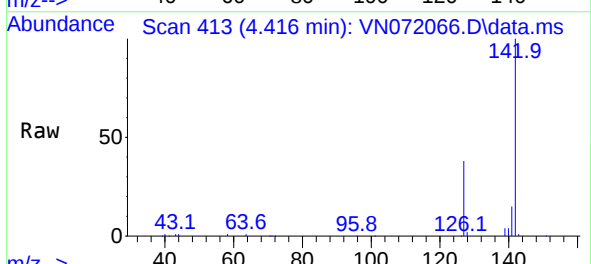
Manual Integrations
APPROVED

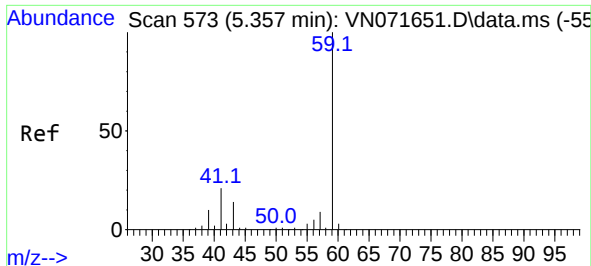
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#10
Methyl Iodide
Concen: 59.178 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

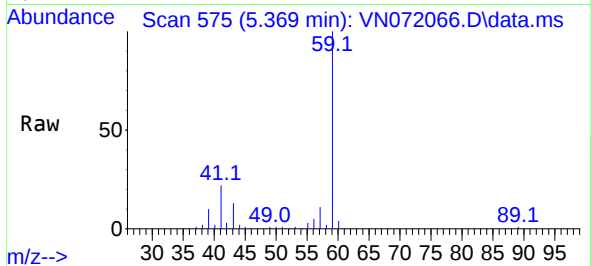
Tgt Ion:142 Resp: 363134
Ion Ratio Lower Upper
142 100
127 38.7 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 275.621 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

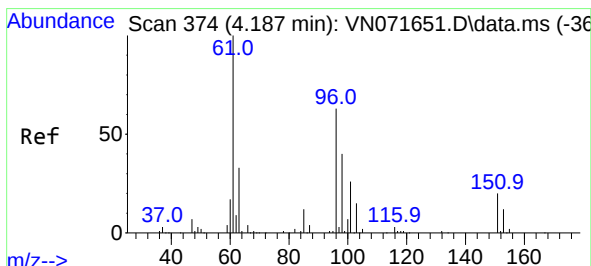
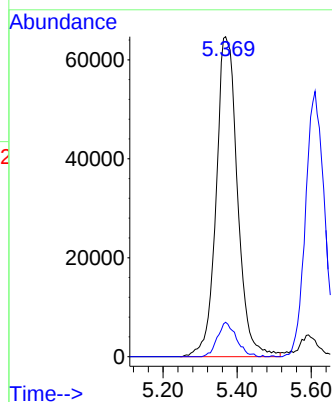
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 258429
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

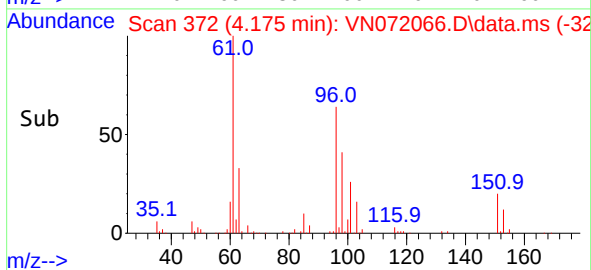
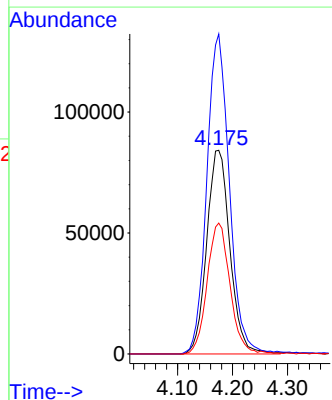
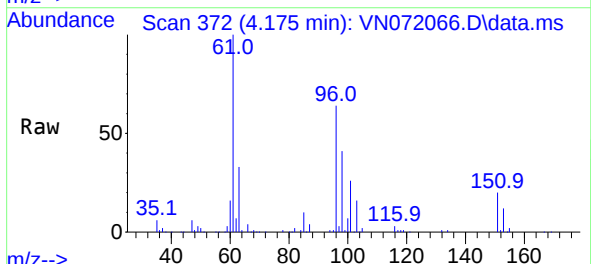
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#12
1,1-Dichloroethene
Concen: 59.191 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

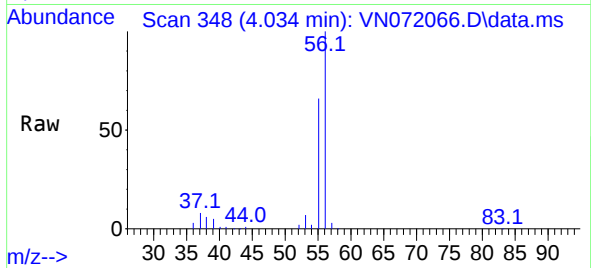
Tgt Ion: 96 Resp: 247261
Ion Ratio Lower Upper
96 100
61 157.1 127.6 191.4
98 64.2 51.2 76.8





#13
Acrolein
Concen: 233.967 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

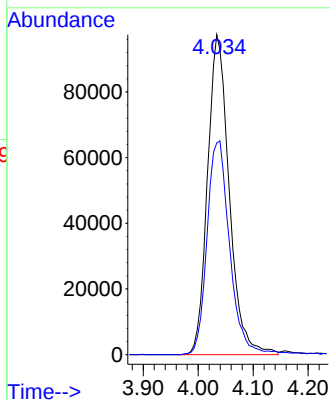
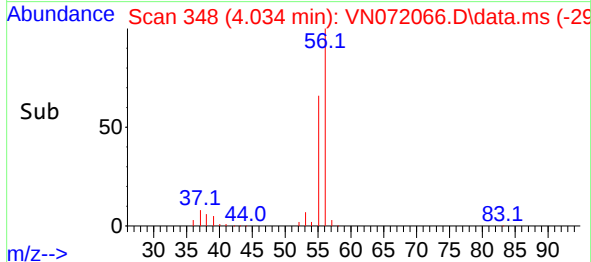
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



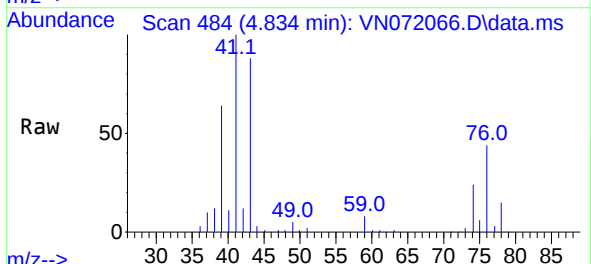
Tgt Ion: 56 Resp: 267482
Ion Ratio Lower Upper
56 100
55 70.0 54.8 82.2

Manual Integrations
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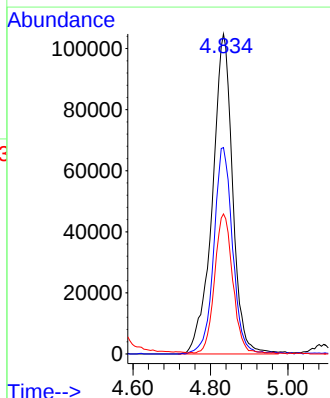
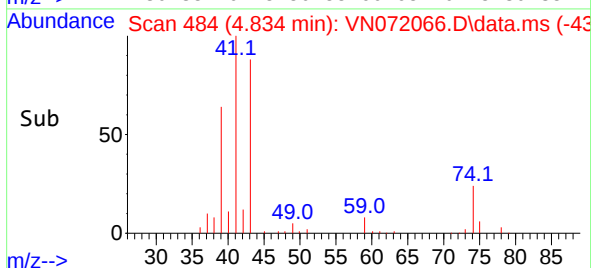
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#14
Allyl chloride
Concen: 56.120 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



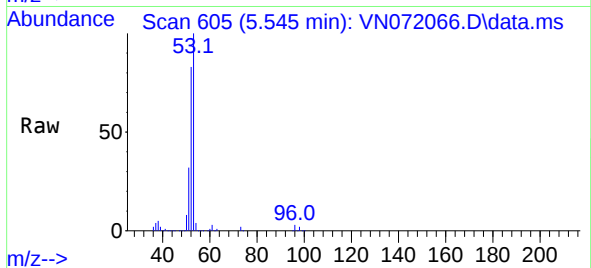
Tgt Ion: 41 Resp: 380506
Ion Ratio Lower Upper
41 100
39 59.5 53.2 79.8
76 38.8 29.9 44.9





#15
Acrylonitrile
Concen: 307.537 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

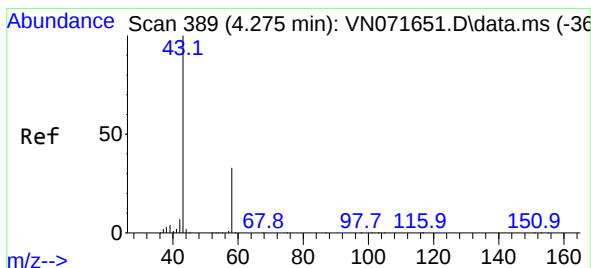
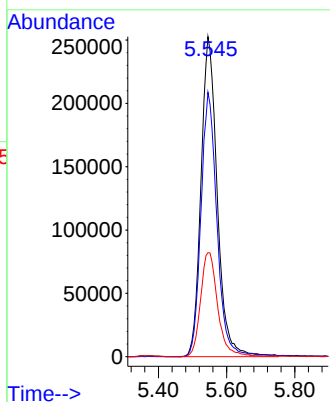
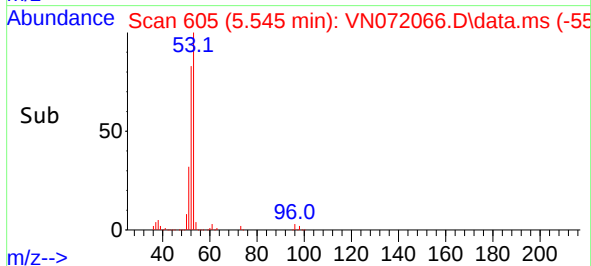
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



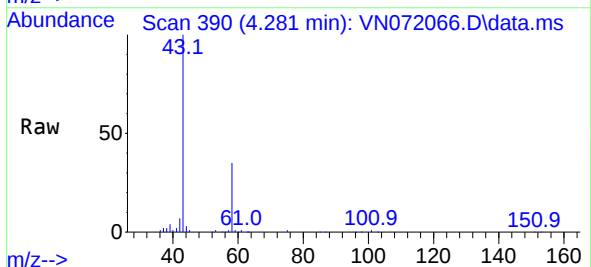
Tgt Ion: 53 Resp: 838148
Ion Ratio Lower Upper
53 100
52 80.6 66.4 99.6
51 34.3 28.5 42.7

Manual Integrations
APPROVED

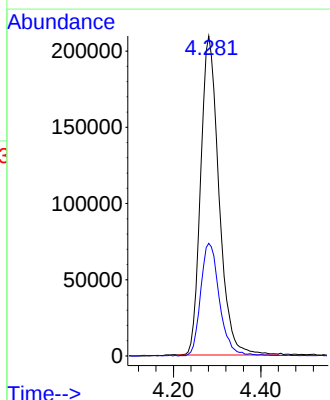
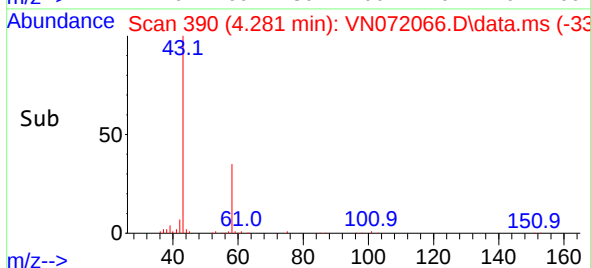
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

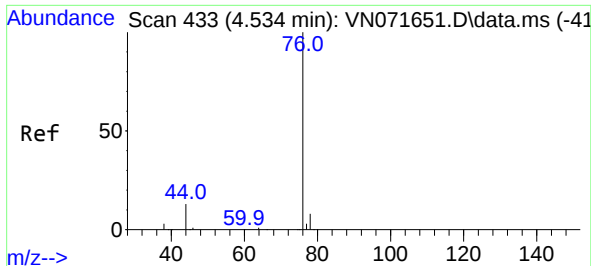


#16
Acetone
Concen: 246.923 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



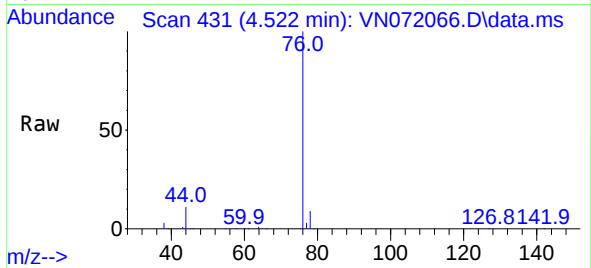
Tgt Ion: 43 Resp: 609697
Ion Ratio Lower Upper
43 100
58 35.3 26.0 39.0





#17
Carbon Disulfide
Concen: 62.004 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

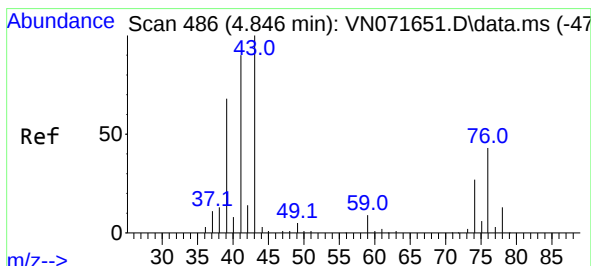
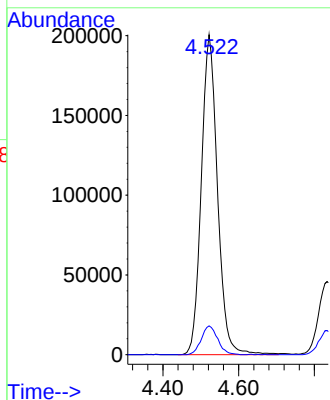
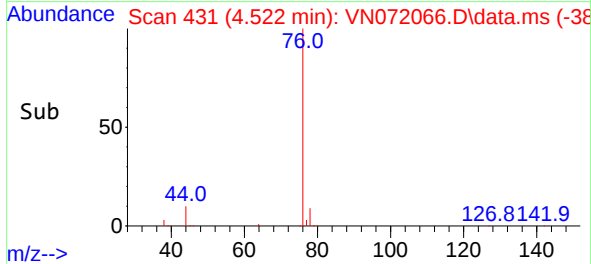
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



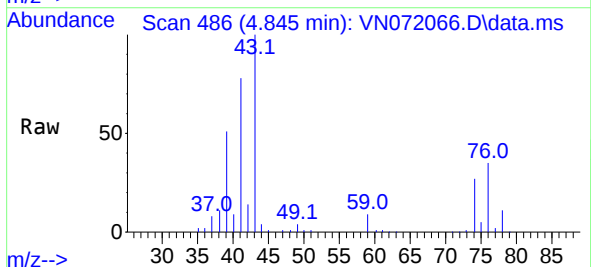
Tgt Ion: 76 Resp: 594284
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
APPROVED

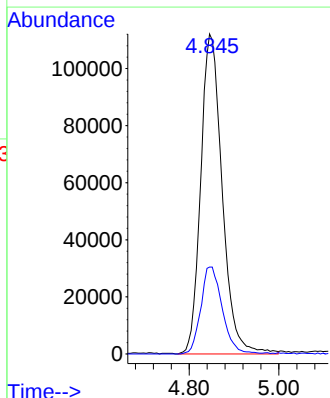
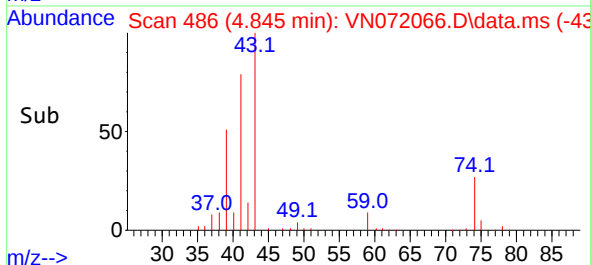
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#18
Methyl Acetate
Concen: 61.305 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



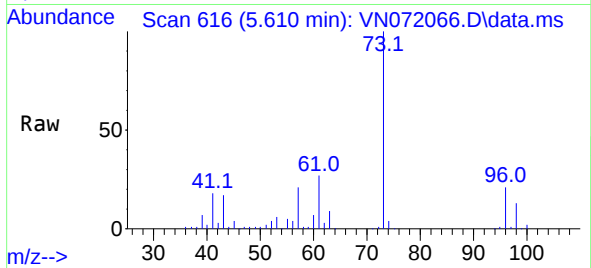
Tgt Ion: 43 Resp: 372755
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 57.975 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

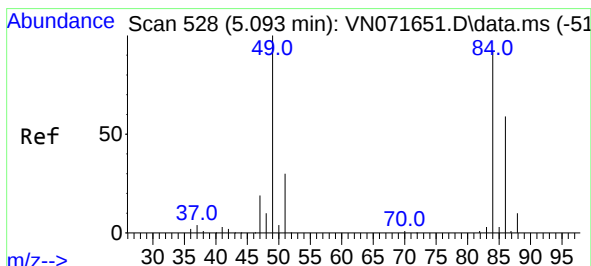
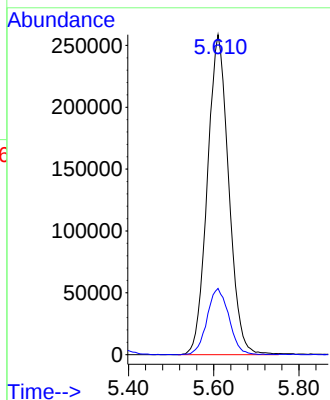
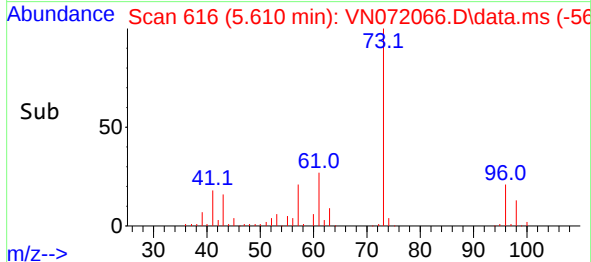
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



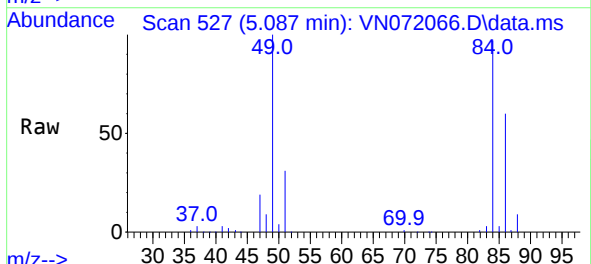
Tgt Ion: 73 Resp: 899719
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

Manual Integrations
APPROVED

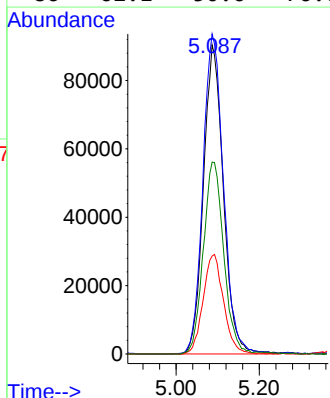
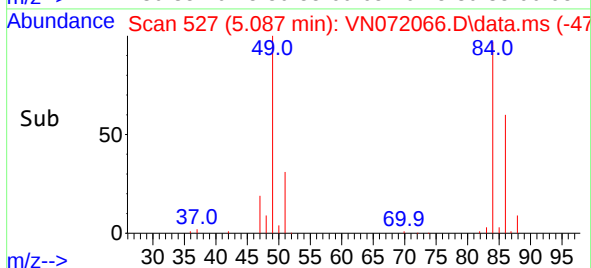
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

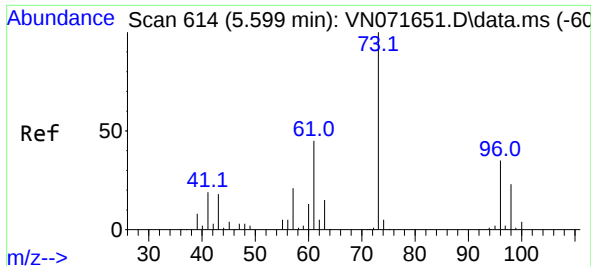


#20
Methylene Chloride
Concen: 57.868 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



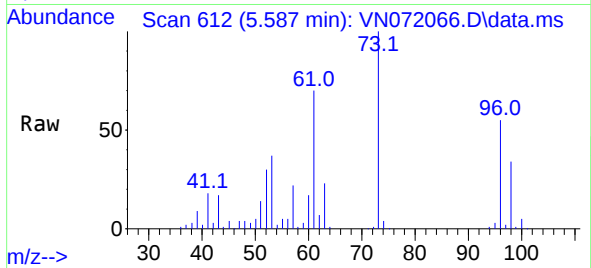
Tgt Ion: 84 Resp: 301167
Ion Ratio Lower Upper
84 100
49 103.3 88.3 132.5
51 31.7 28.2 42.2
86 62.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 56.738 ug/l
RT: 5.587 min Scan# 614
Delta R.T. -0.013 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

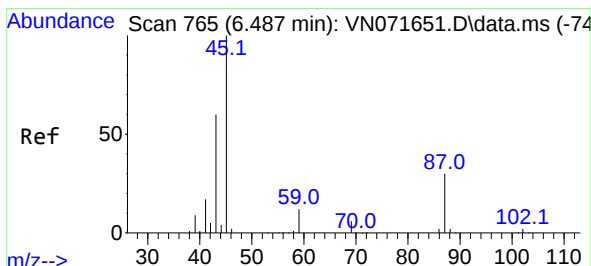
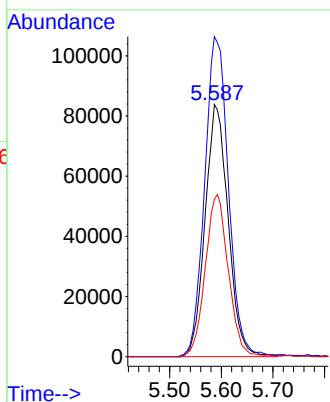
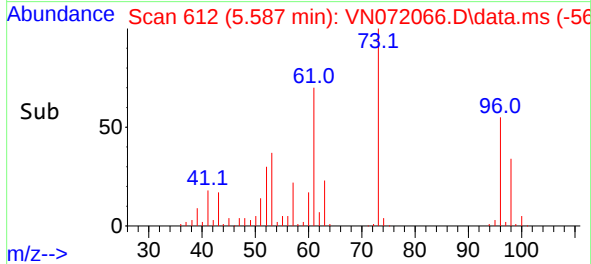
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



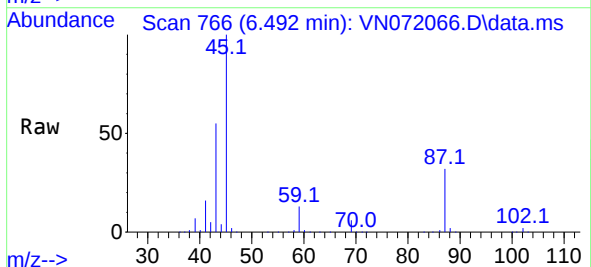
Tgt Ion: 96 Resp: 260188
Ion Ratio Lower Upper
96 100
61 126.9 105.8 158.8
98 62.3 50.3 75.5

Manual Integrations
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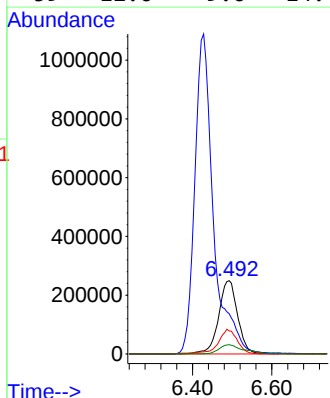
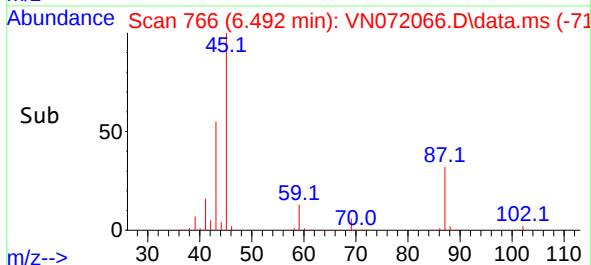
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

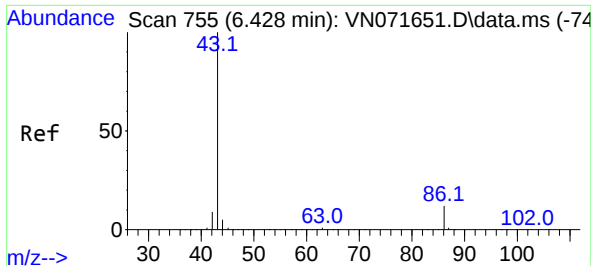


#22
Diisopropyl ether
Concen: 56.320 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



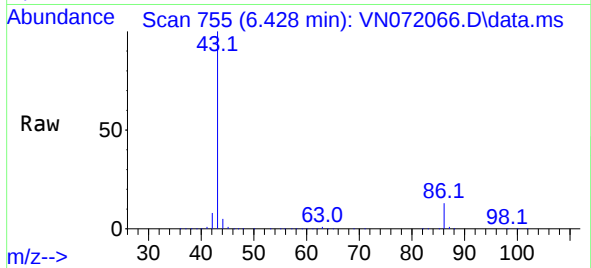
Tgt Ion: 45 Resp: 831306
Ion Ratio Lower Upper
45 100
43 53.7 46.6 70.0
87 31.4 24.3 36.5
59 12.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 301.941 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072066.D
 Acq: 19 Apr 2022 21:51

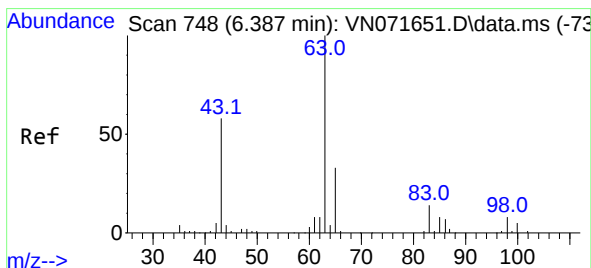
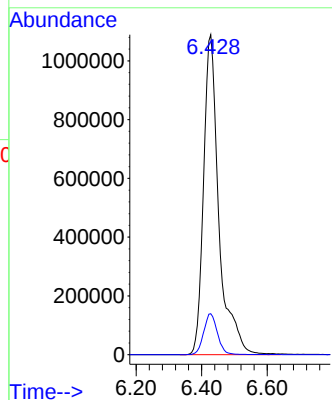
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 3544119
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.0 15.0

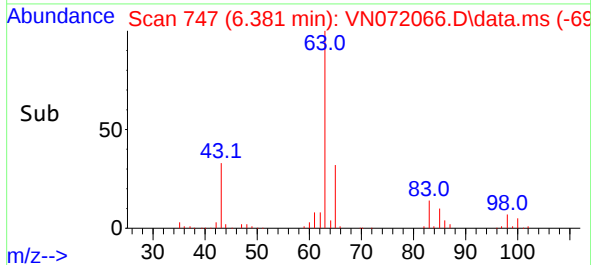
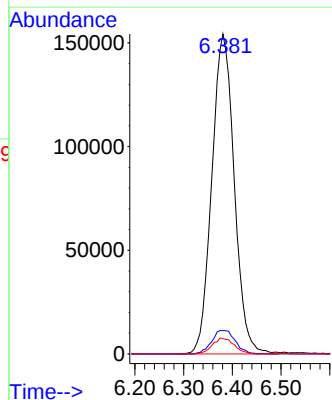
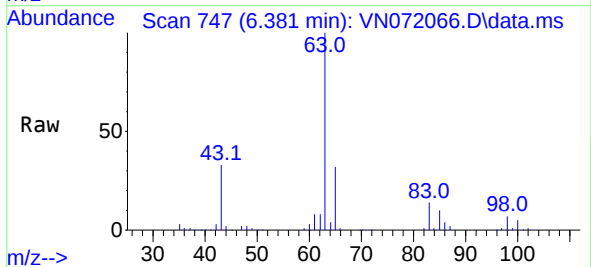
Manual Integrations
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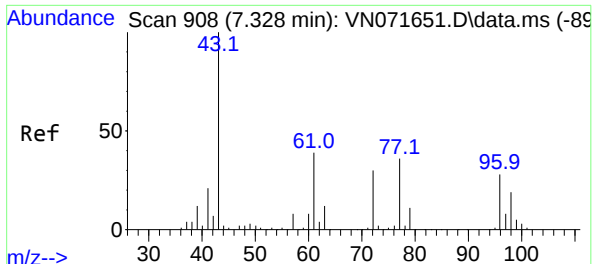
Reviewed By :John Carlone 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#24
 1,1-Dichloroethane
 Concen: 56.908 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072066.D
 Acq: 19 Apr 2022 21:51

Tgt Ion: 63 Resp: 493116
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 288.827 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1028110

Ion Ratio Lower Upper

43 100

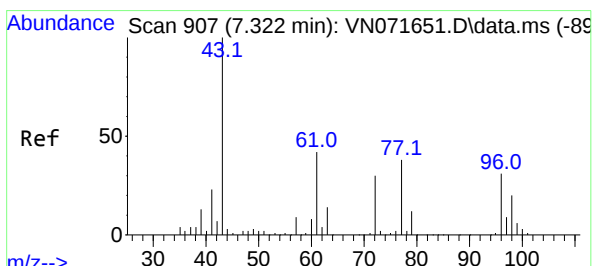
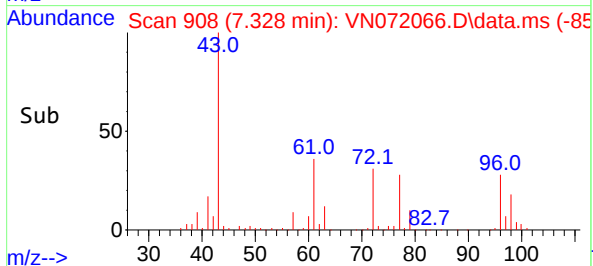
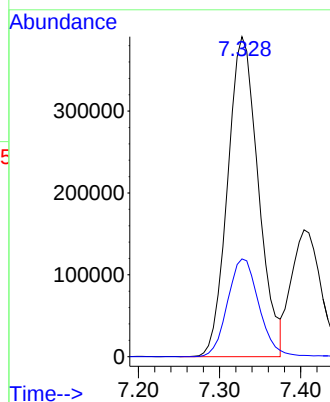
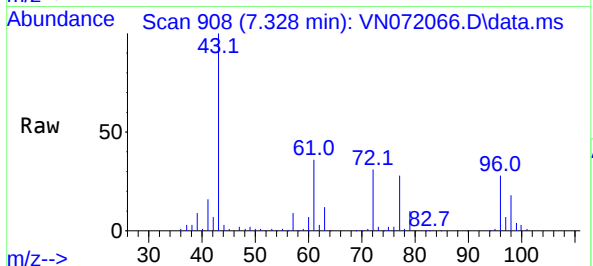
72 30.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#26

2,2-Dichloropropane

Concen: 48.692 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072066.D

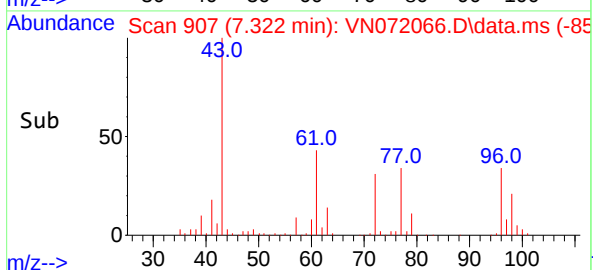
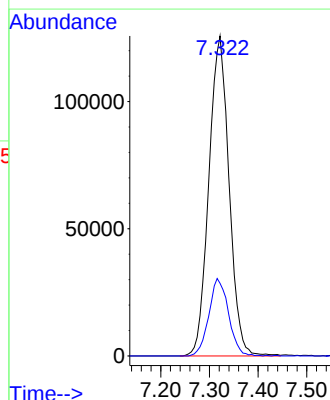
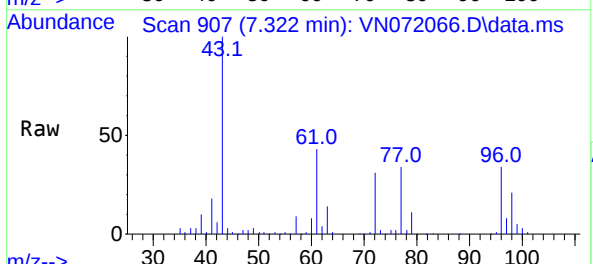
Acq: 19 Apr 2022 21:51

Tgt Ion: 77 Resp: 362457

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2





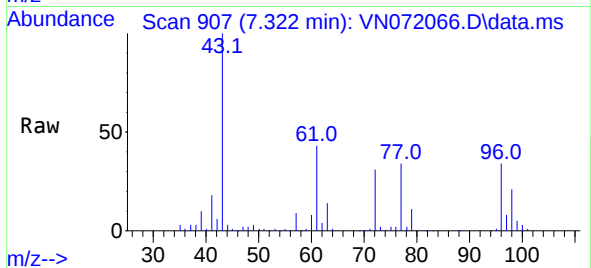
#27
 cis-1,2-Dichloroethene
 Concen: 58.121 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072066.D
 Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



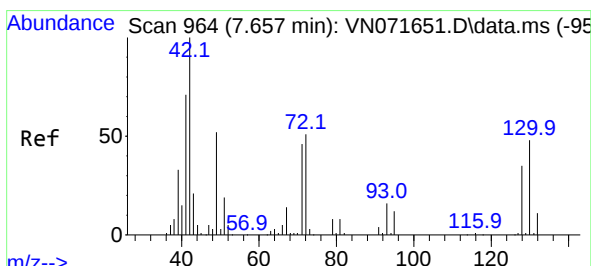
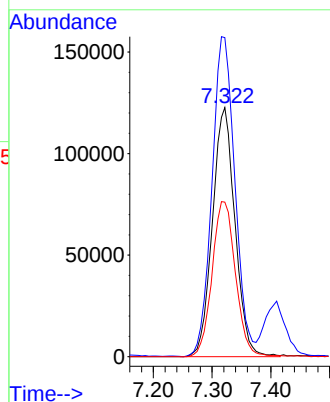
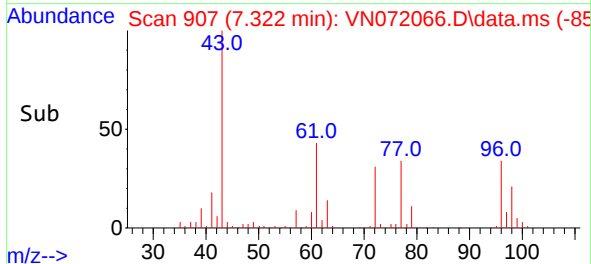
Tgt Ion: 96 Resp: 326839
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 280.6
 98 64.7 0.0 128.4

Manual Integrations

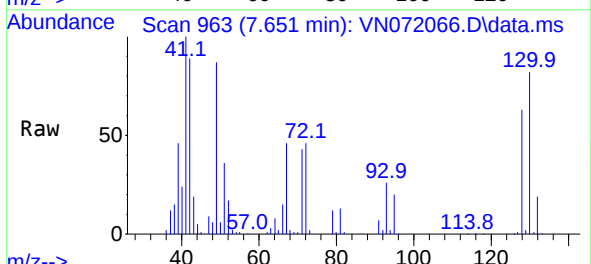
APPROVED

Reviewed By :John Carlone 04/20/2022

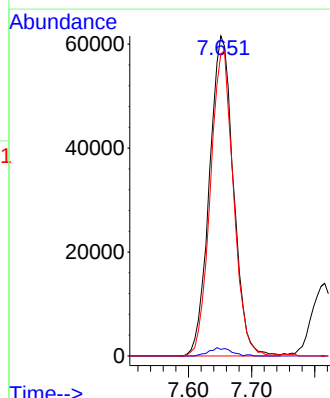
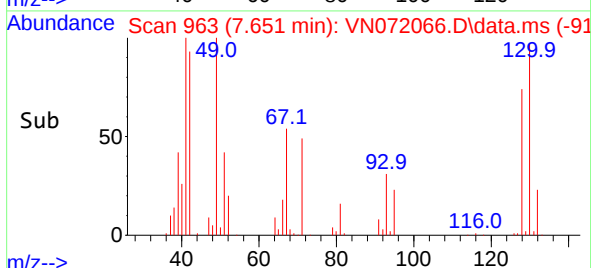
Supervised By :Mahesh Dadoda 04/20/2022



#28
 Bromochloromethane
 Concen: 46.525 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN072066.D
 Acq: 19 Apr 2022 21:51



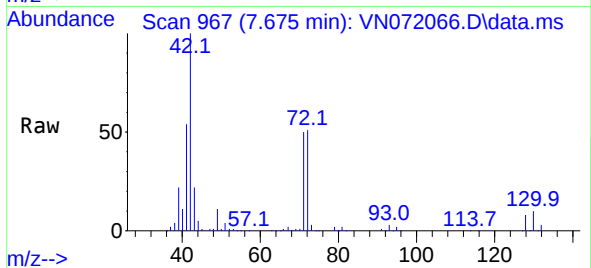
Tgt Ion: 49 Resp: 162625
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 91.8 69.7 104.5





#29
Tetrahydrofuran
Concen: 291.534 ug/l
RT: 7.675 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

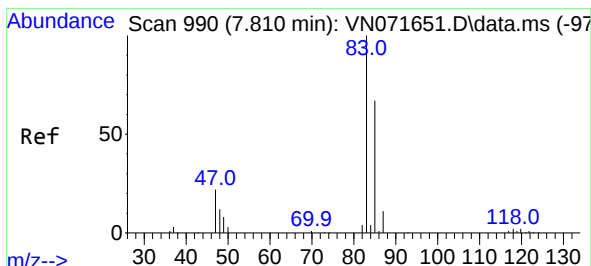
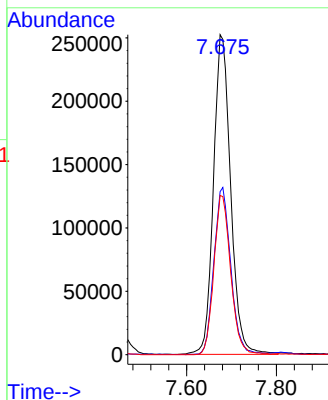
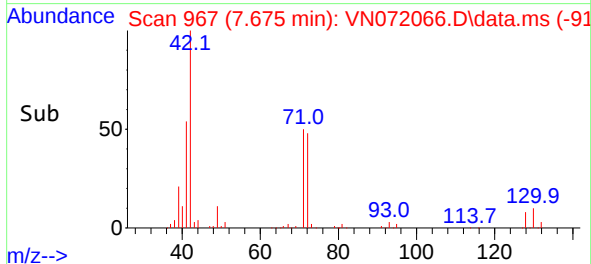
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 671950
Ion Ratio Lower Upper
42 100
72 51.5 39.7 59.5
71 48.8 36.6 55.0

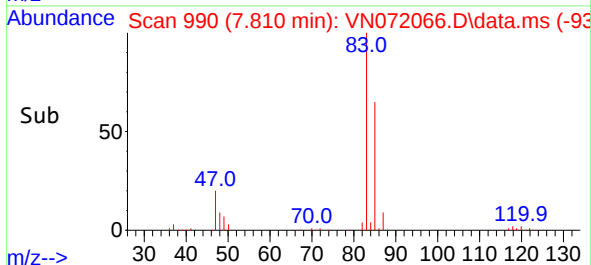
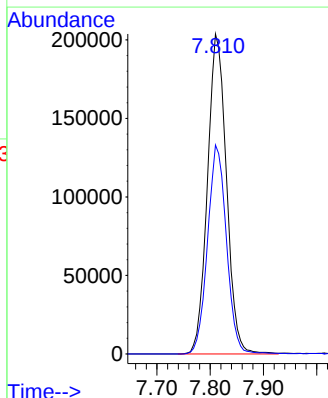
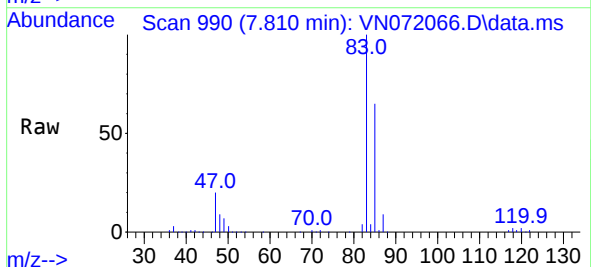
Manual Integrations
APPROVED

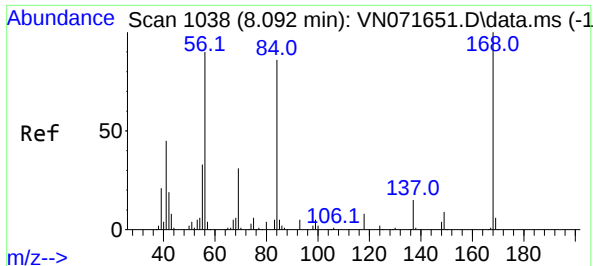
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#30
Chloroform
Concen: 55.229 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

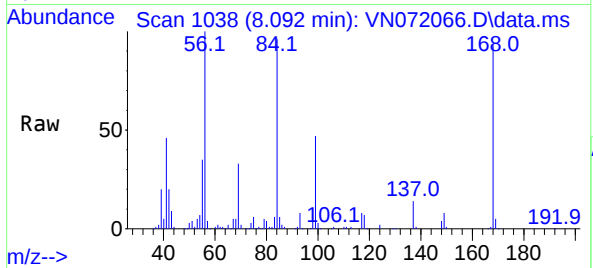
Tgt Ion: 83 Resp: 505322
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8





#31
Cyclohexane
Concen: 55.787 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

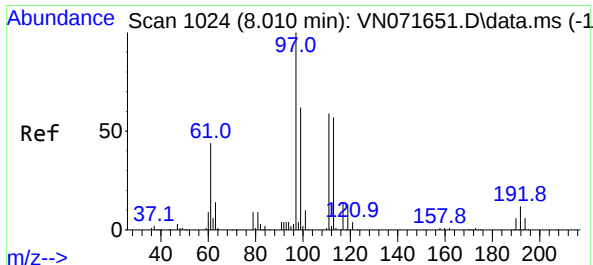
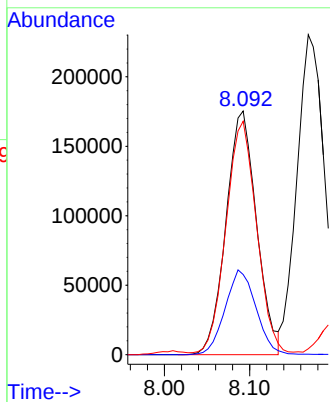
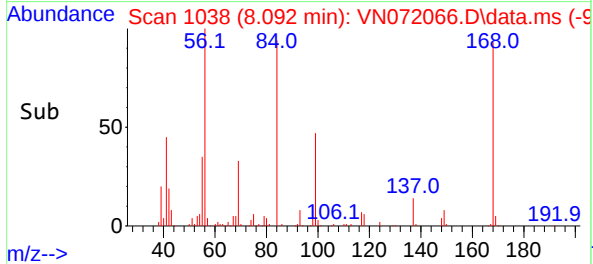
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



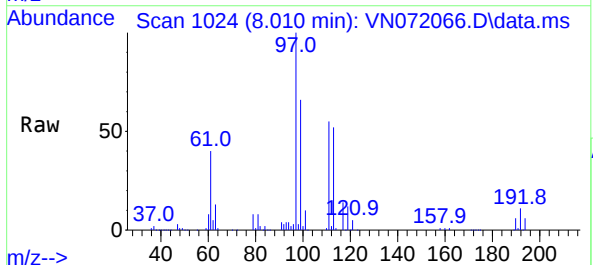
Tgt Ion: 56 Resp: 438335
Ion Ratio Lower Upper
56 100
69 32.9 27.8 41.8
84 94.6 76.9 115.3

Manual Integrations
APPROVED

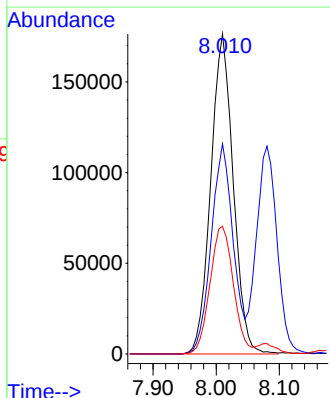
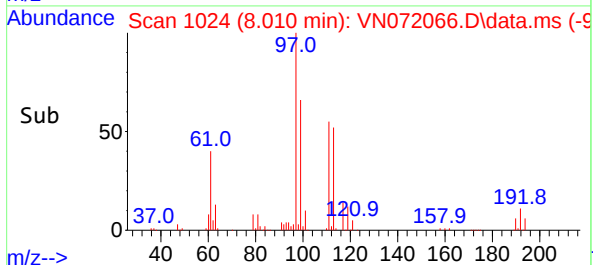
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

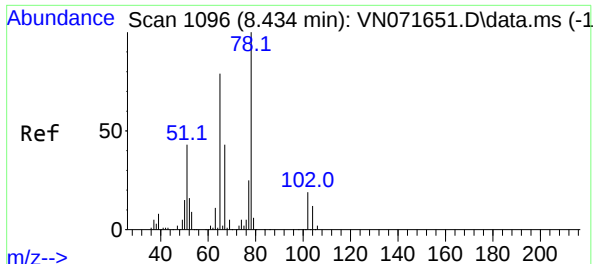


#32
1,1,1-Trichloroethane
Concen: 55.668 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



Tgt Ion: 97 Resp: 435737
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 41.6 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 48.596 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

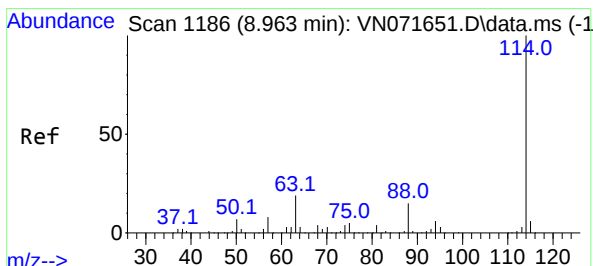
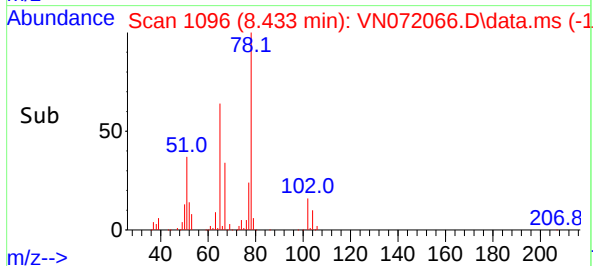
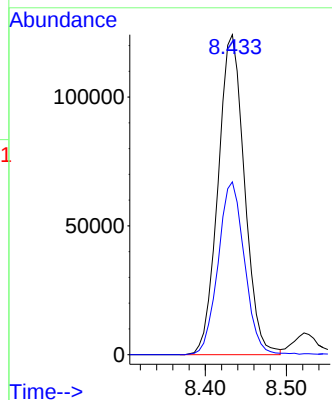
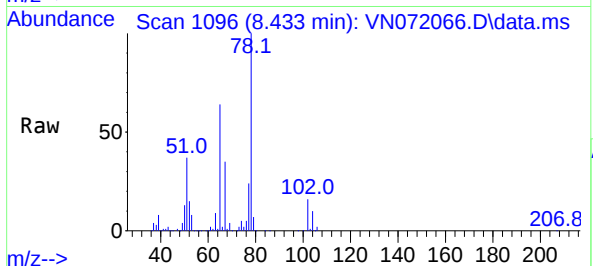
VSTDCCC050EC

Tgt Ion: 65 Resp: 280774
Ion Ratio Lower Upper
65 100
67 54.1 0.0 104.8

Manual Integrations

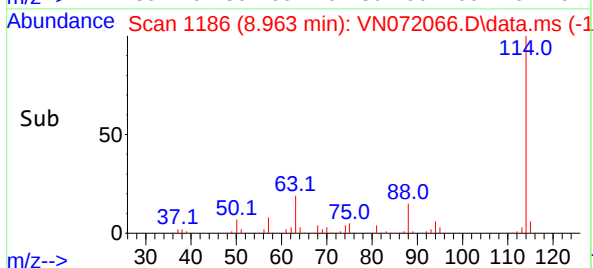
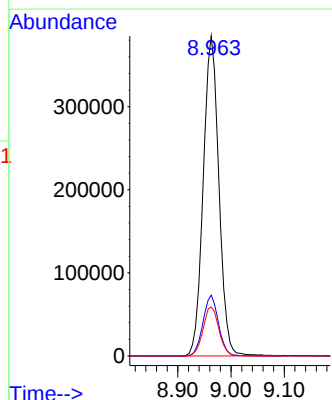
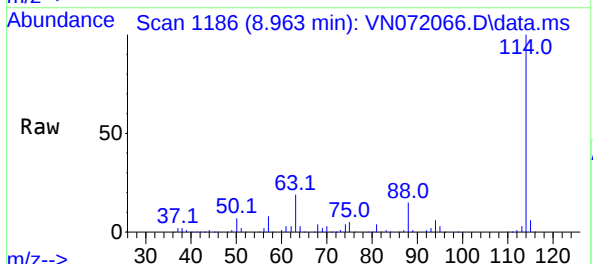
APPROVED

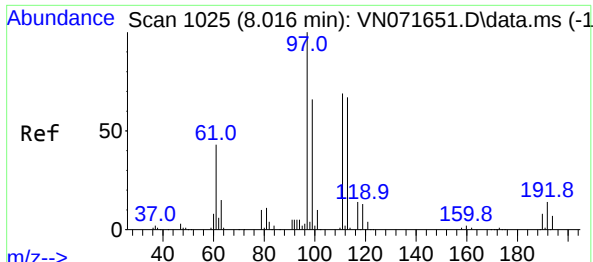
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

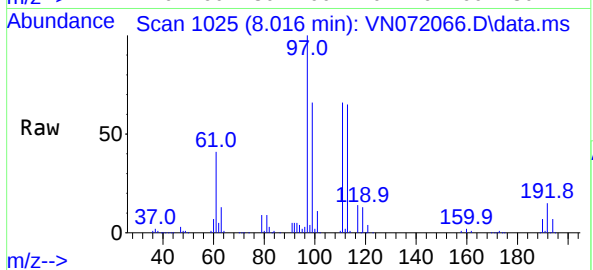
Tgt Ion:114 Resp: 786479
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.732 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

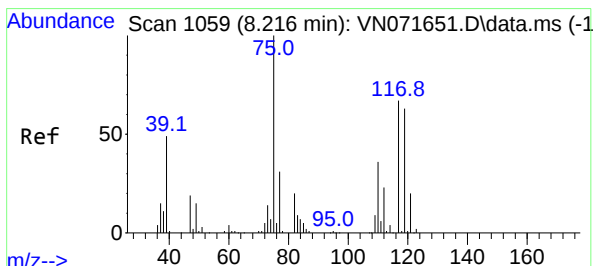
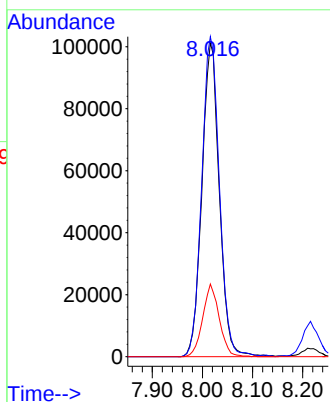
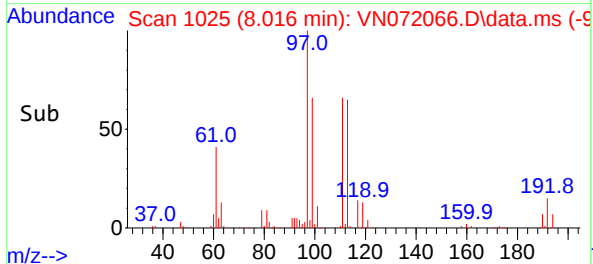
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



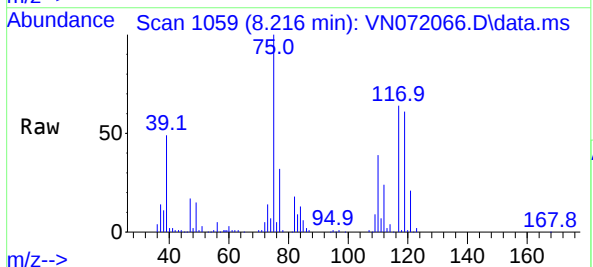
Tgt Ion: 113 Resp: 24404
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 22.0 17.0 25.6

Manual Integrations
APPROVED

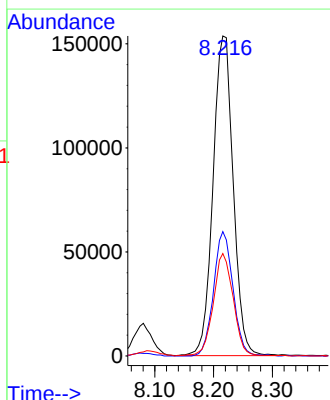
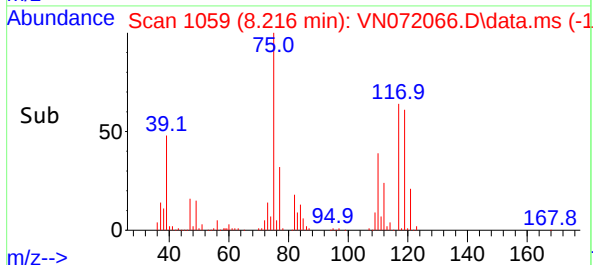
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

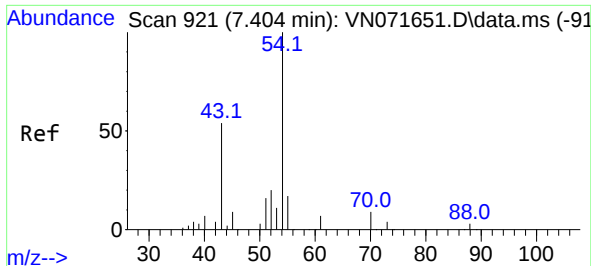


#36
1,1-Dichloropropene
Concen: 56.714 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



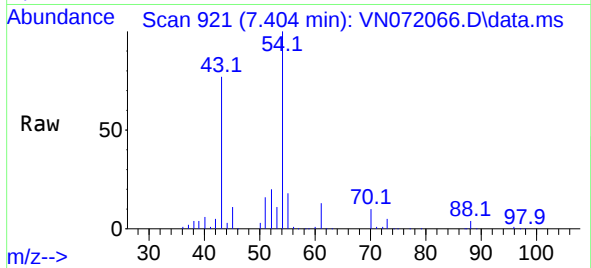
Tgt Ion: 75 Resp: 366530
Ion Ratio Lower Upper
75 100
110 37.4 18.3 54.8
77 31.7 25.1 37.7





#37
Ethyl Acetate
Concen: 56.745 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

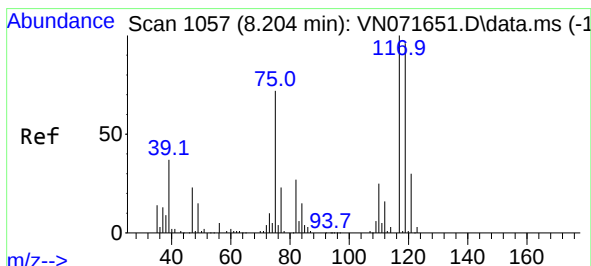
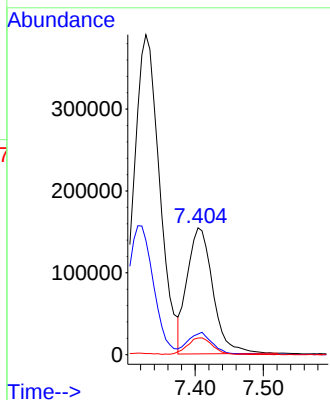
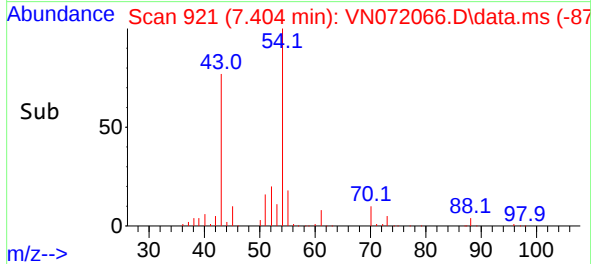
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



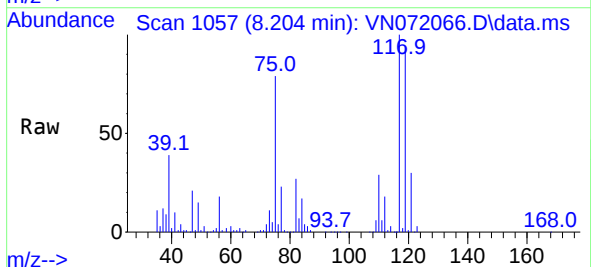
Tgt Ion: 43 Resp: 401398
Ion Ratio Lower Upper
43 100
61 16.8 11.8 17.6
70 13.1 9.3 13.9

Manual Integrations
APPROVED

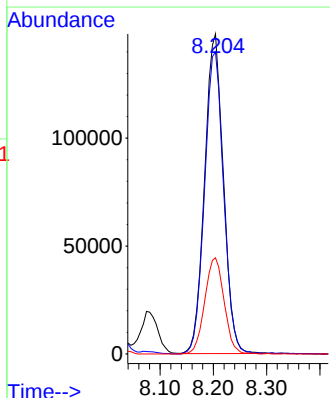
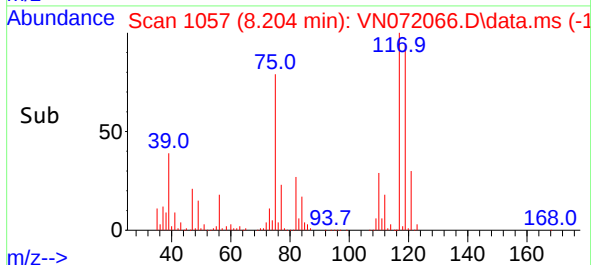
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

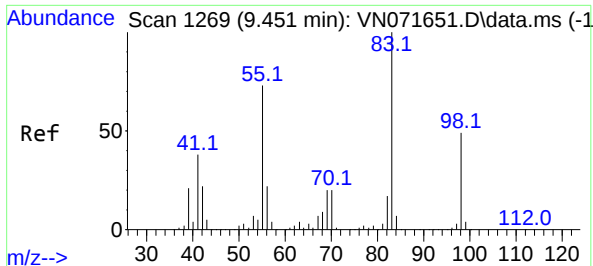


#38
Carbon Tetrachloride
Concen: 57.402 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



Tgt Ion:117 Resp: 363576
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
121 30.1 24.6 37.0





#39

Methylcyclohexane

Concen: 60.731 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 467209

Ion Ratio Lower Upper

83 100

55 70.2 57.8 86.8

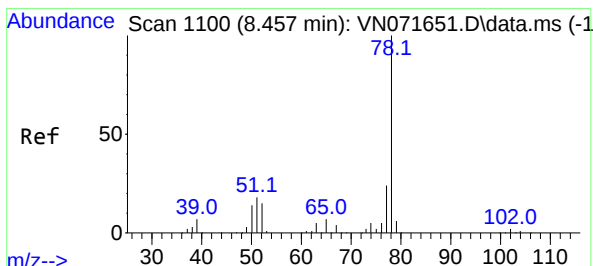
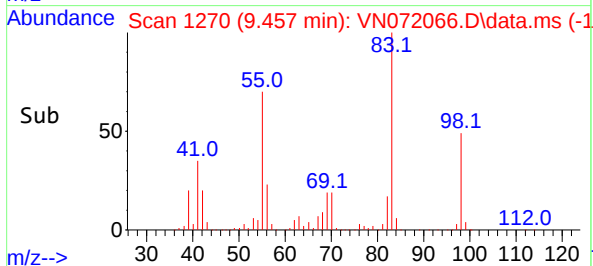
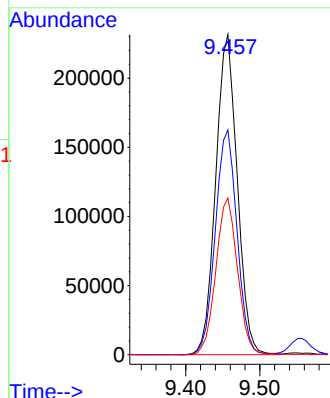
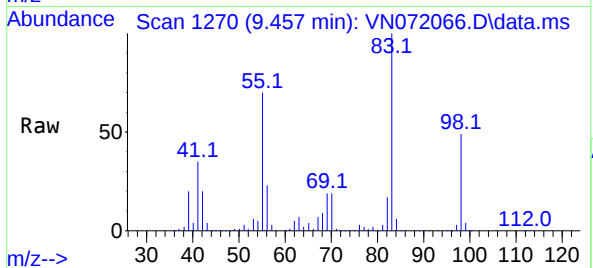
98 49.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#40

Benzene

Concen: 58.539 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072066.D

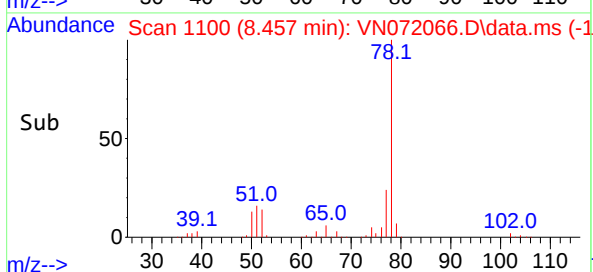
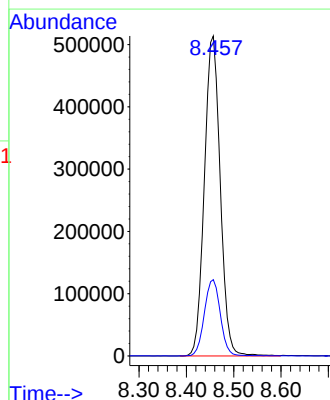
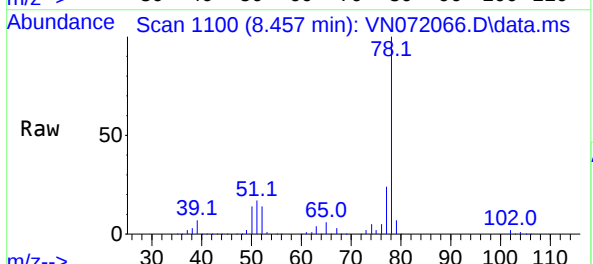
Acq: 19 Apr 2022 21:51

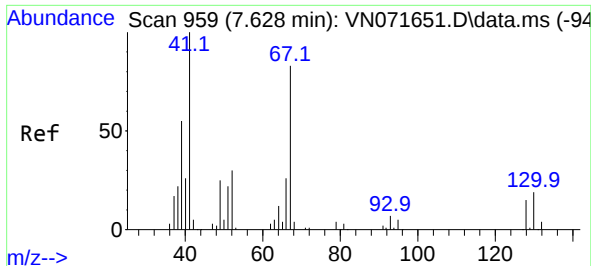
Tgt Ion: 78 Resp: 1195107

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0





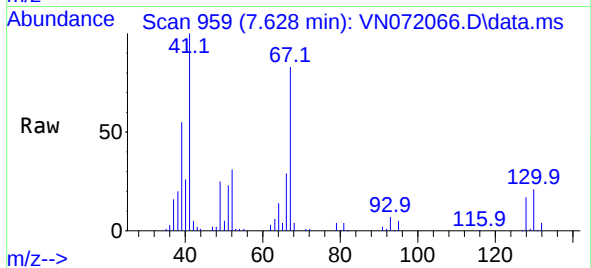
#41
Methacrylonitrile
Concen: 63.607 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



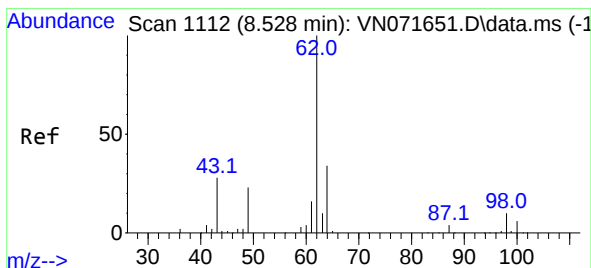
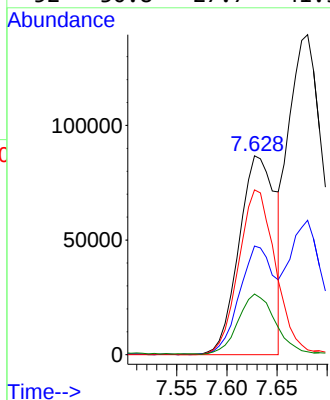
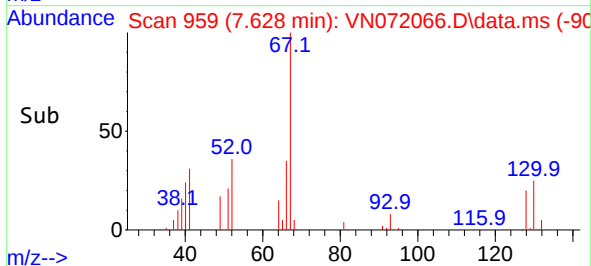
Tgt Ion: 41 Resp: 220307
Ion Ratio Lower Upper
41 100
39 52.2 48.6 73.0
67 84.3 73.4 110.2
52 30.8 27.7 41.5

Manual Integrations

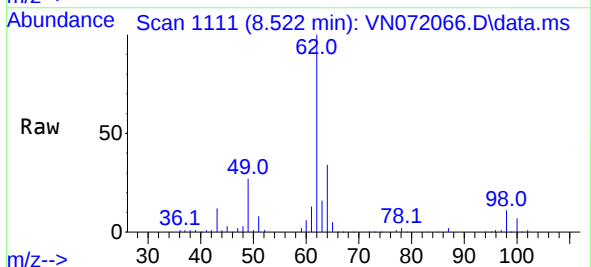
APPROVED

Reviewed By :John Carlone 04/20/2022

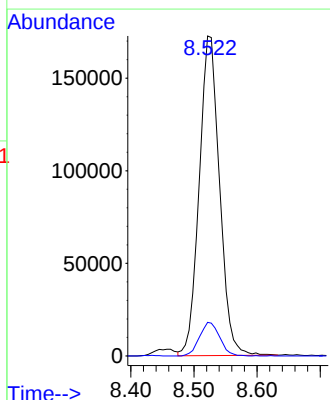
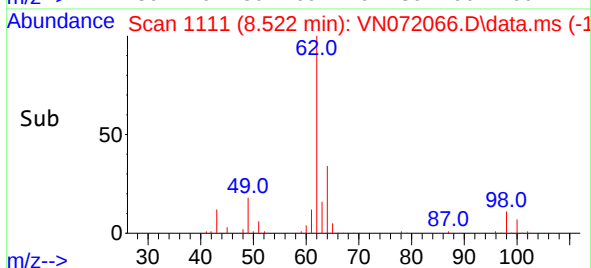
Supervised By :Mahesh Dadoda 04/20/2022

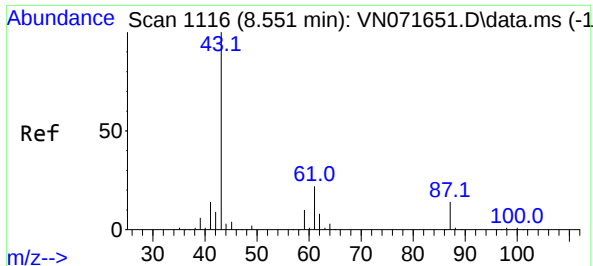


#42
1,2-Dichloroethane
Concen: 54.772 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



Tgt Ion: 62 Resp: 386817
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.4





#43

Isopropyl Acetate

Concen: 62.258 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 73252

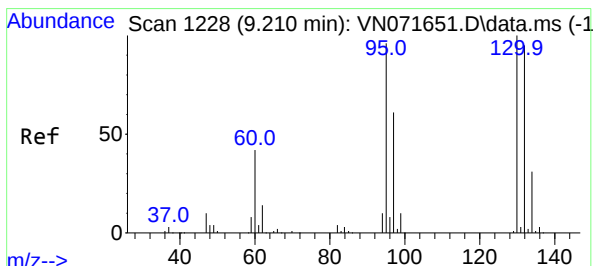
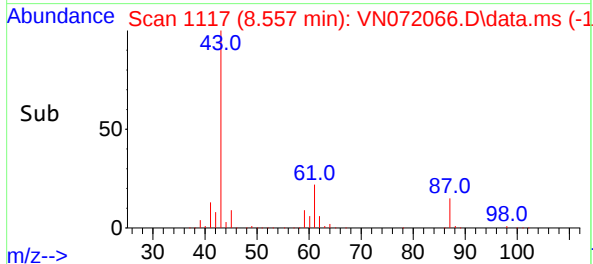
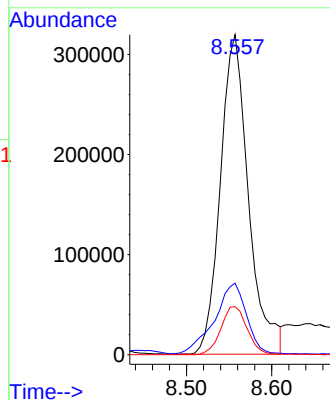
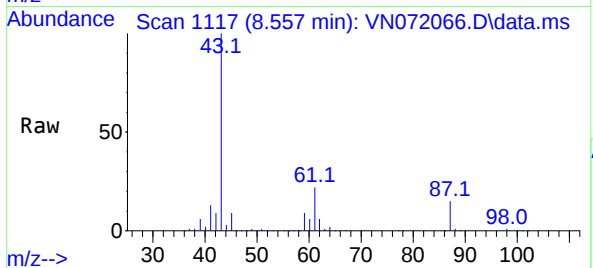
Ion	Ratio	Lower	Upper
43	100		
61	25.6	21.9	32.9
87	14.1	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#44

Trichloroethene

Concen: 57.380 ug/l

RT: 9.210 min Scan# 1228

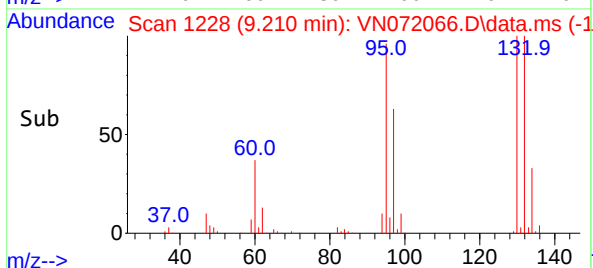
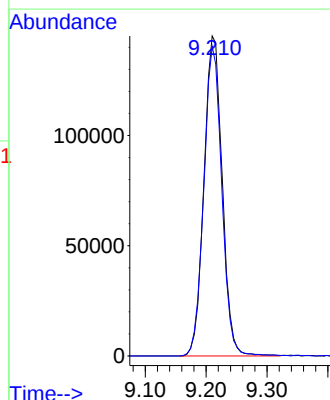
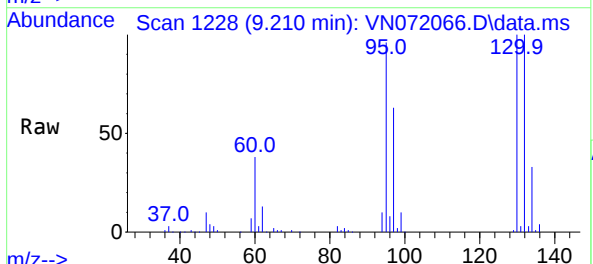
Delta R.T. -0.000 min

Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

Tgt Ion:130 Resp: 301801

Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	186.8





#45

1,2-Dichloropropane

Concen: 58.188 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 29677

Ion Ratio Lower Upper

63 100

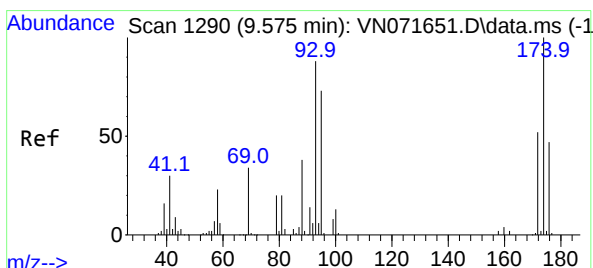
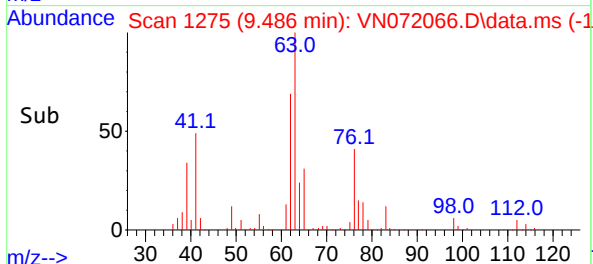
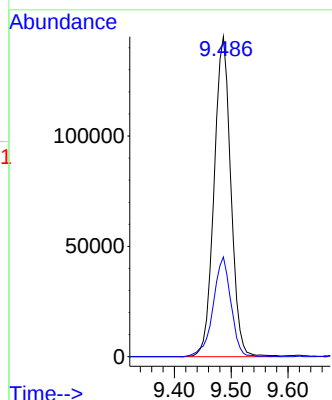
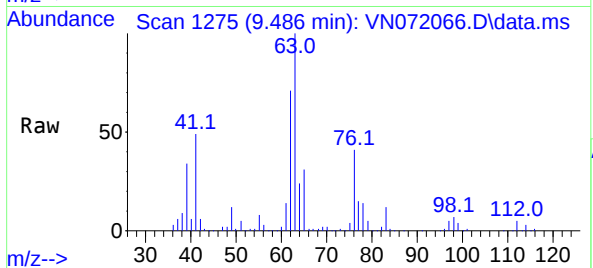
65 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#46

Dibromomethane

Concen: 58.309 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

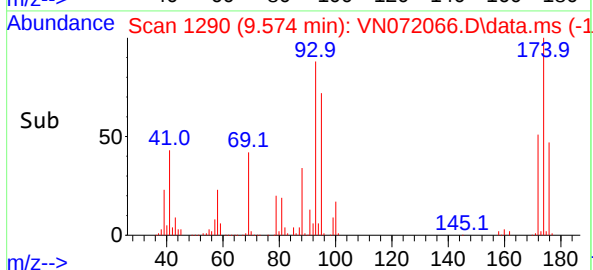
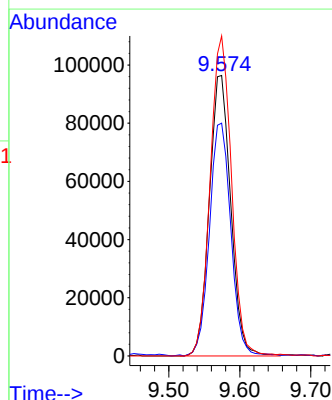
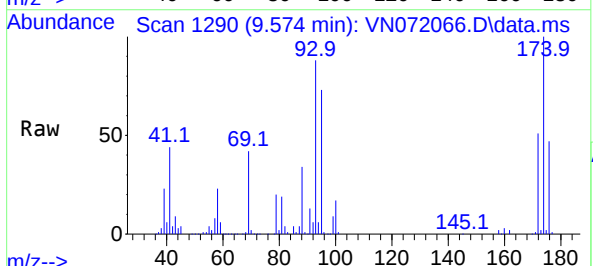
Tgt Ion: 93 Resp: 201915

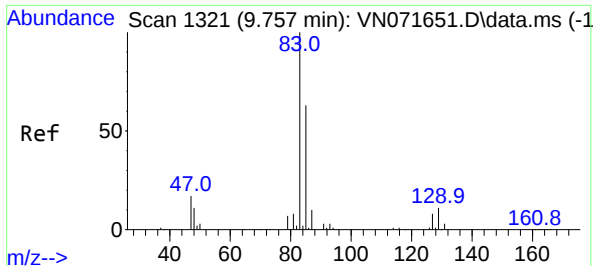
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

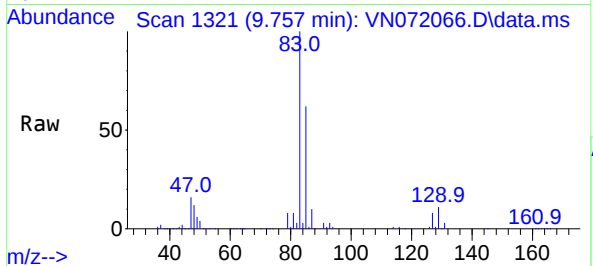
174 113.9 86.6 130.0





#47
Bromodichloromethane
Concen: 59.386 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

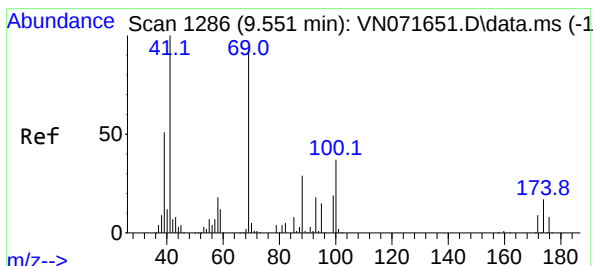
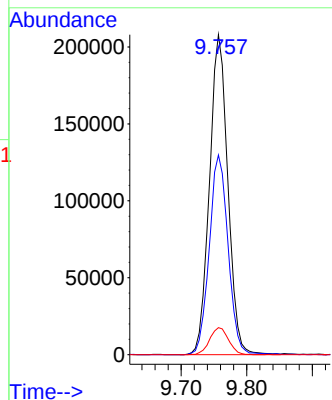
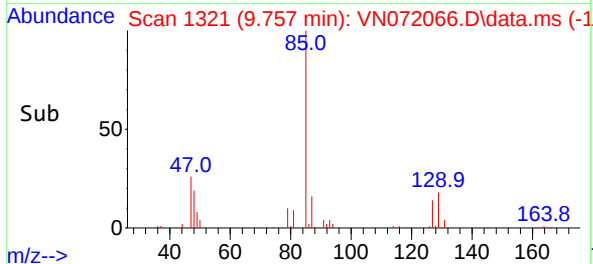
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



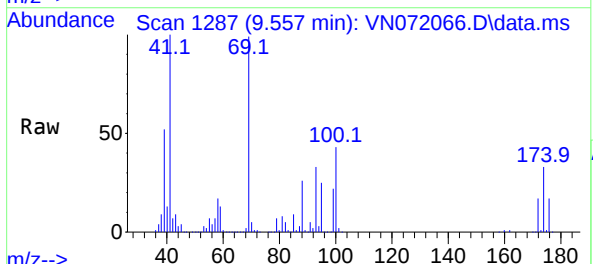
Tgt Ion: 83 Resp: 40481
Ion Ratio Lower Upper
83 100
85 62.4 50.5 75.7
127 8.5 6.8 10.2

Manual Integrations
APPROVED

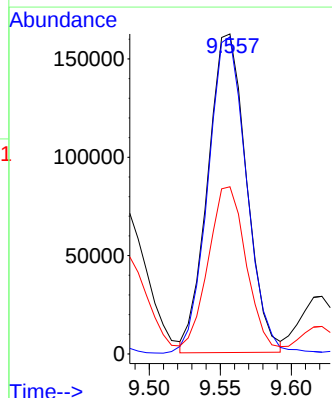
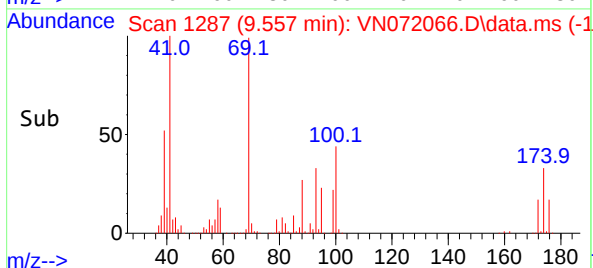
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

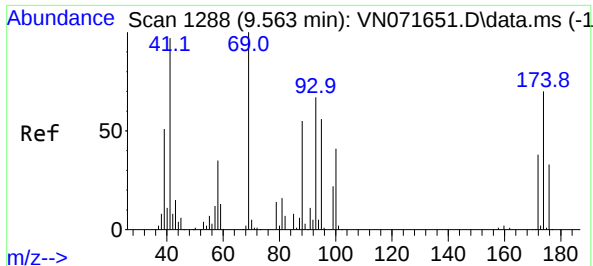


#48
Methyl methacrylate
Concen: 62.888 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



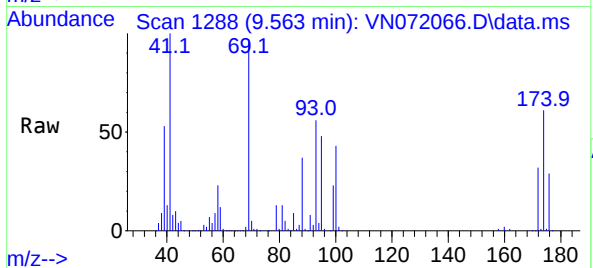
Tgt Ion: 41 Resp: 306981
Ion Ratio Lower Upper
41 100
69 99.5 74.7 112.1
39 52.2 45.6 68.4





#49
1,4-Dioxane
Concen: 886.512 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

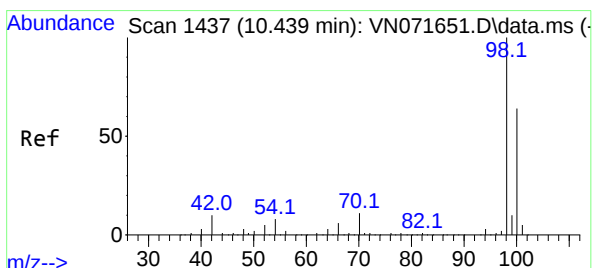
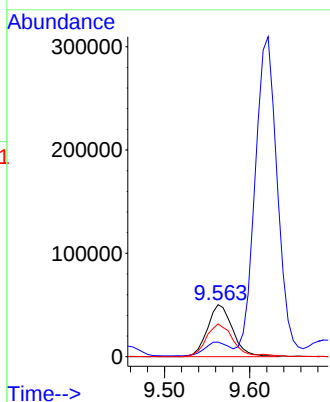
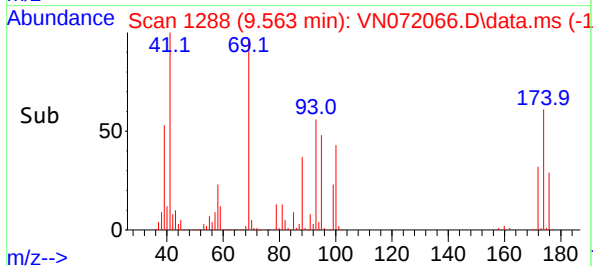
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



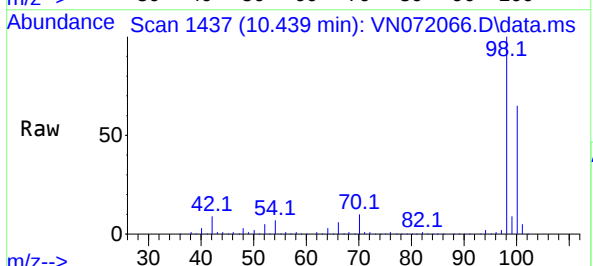
Tgt Ion: 88 Resp: 102849
Ion Ratio Lower Upper
88 100
43 26.5 20.2 30.4
58 65.9 54.2 81.4

Manual Integrations
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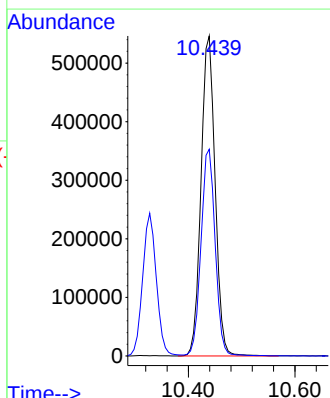
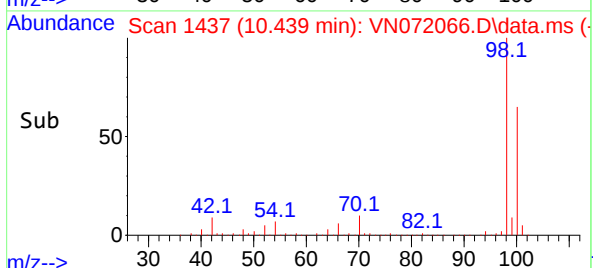
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

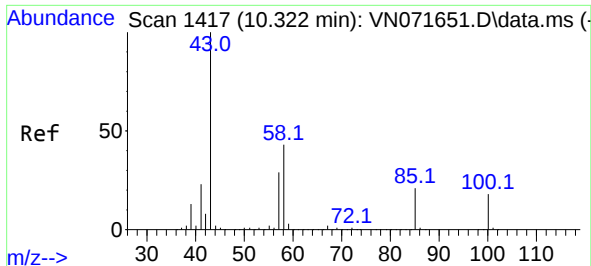


#50
Toluene-d8
Concen: 52.869 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



Tgt Ion: 98 Resp: 1000924
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





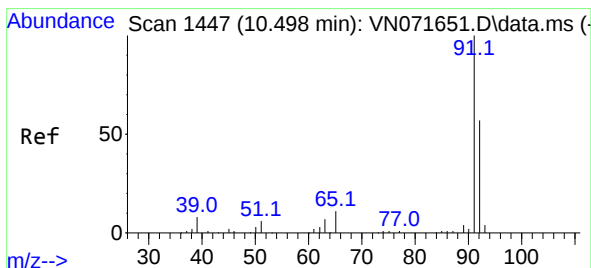
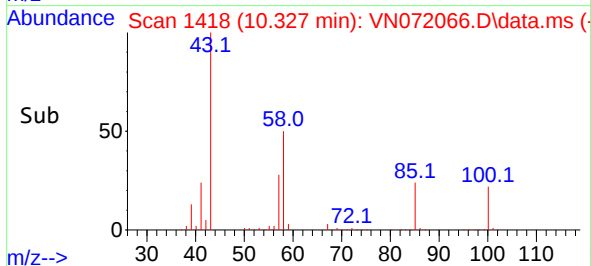
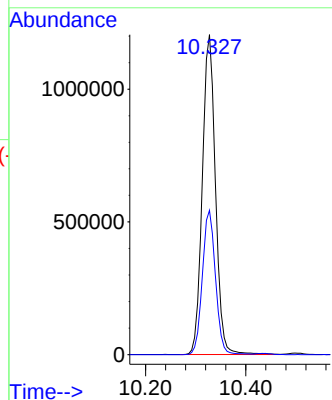
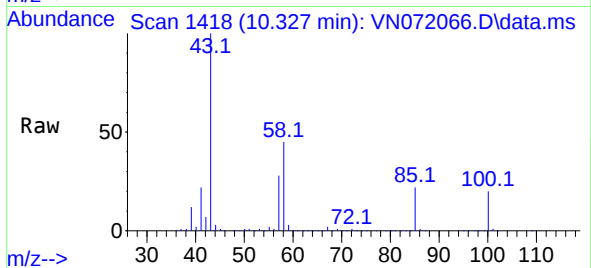
#51
4-Methyl-2-Pentanone
Concen: 324.746 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 219680
Ion Ratio Lower Upper
43 100
58 45.1 34.1 51.1

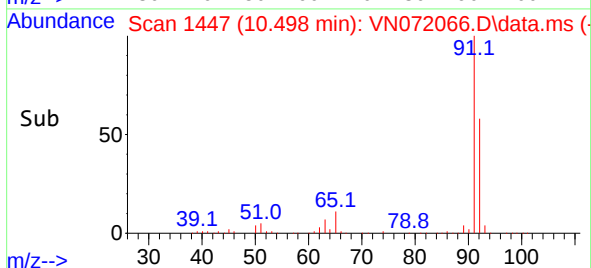
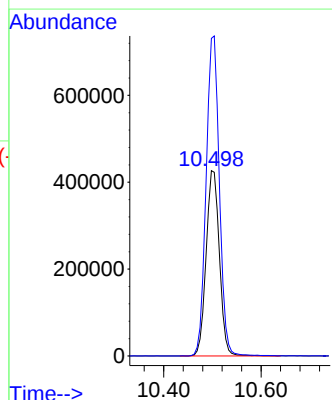
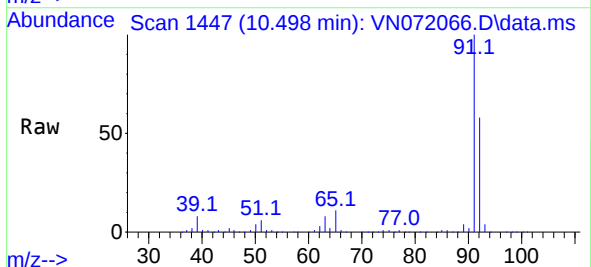
Manual Integrations
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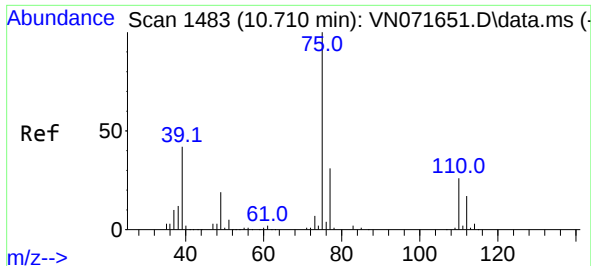
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#52
Toluene
Concen: 62.224 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

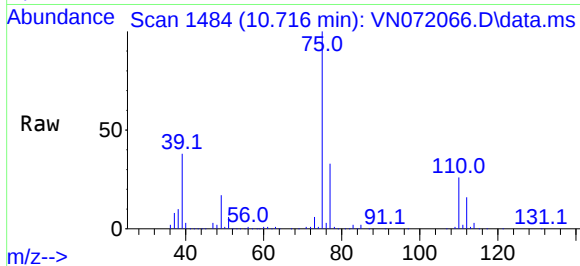
Tgt Ion: 92 Resp: 803024
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 62.496 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

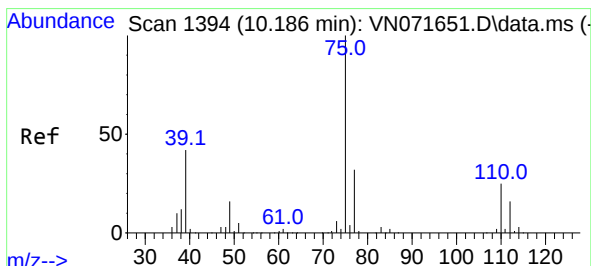
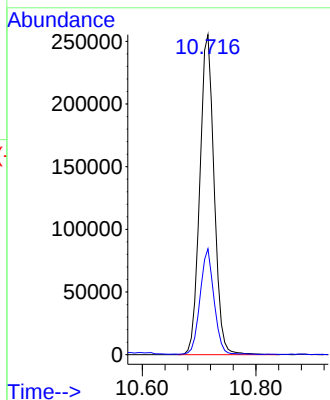
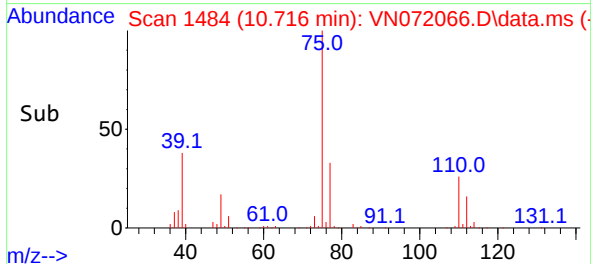
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



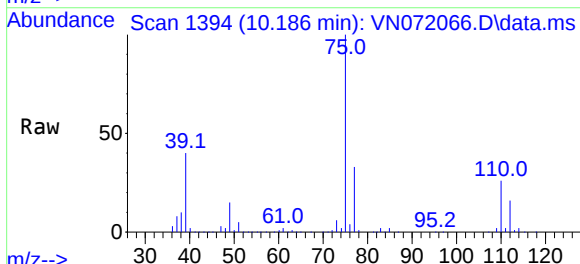
Tgt Ion: 75 Resp: 446483
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4

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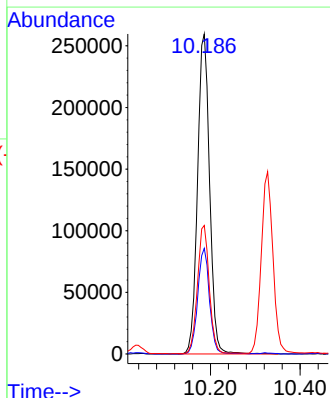
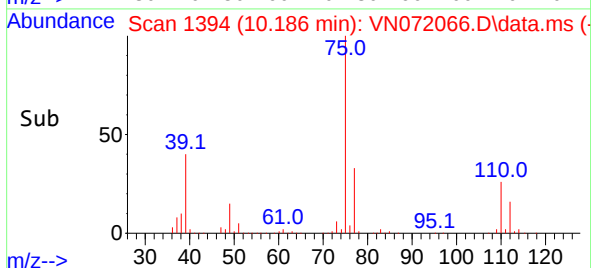
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

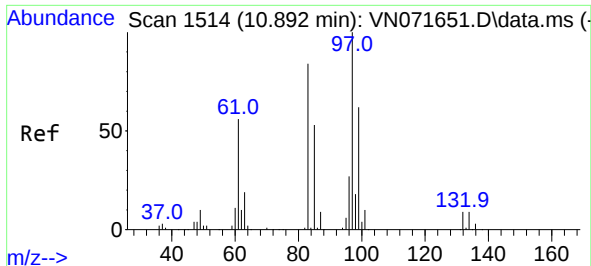


#54
cis-1,3-Dichloropropene
Concen: 61.224 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



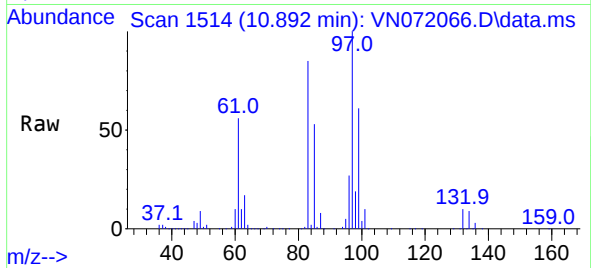
Tgt Ion: 75 Resp: 483279
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8
39 40.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 60.234 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

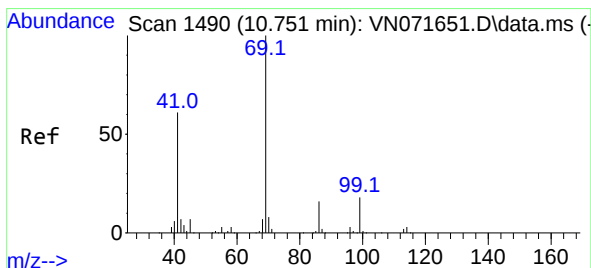
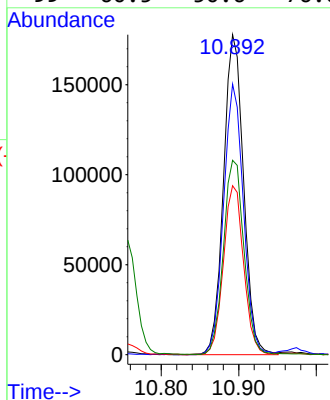
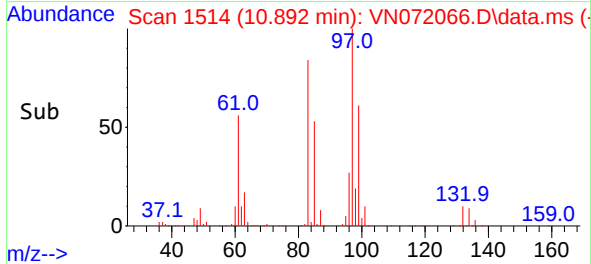


Tgt Ion: 97 Resp: 31992

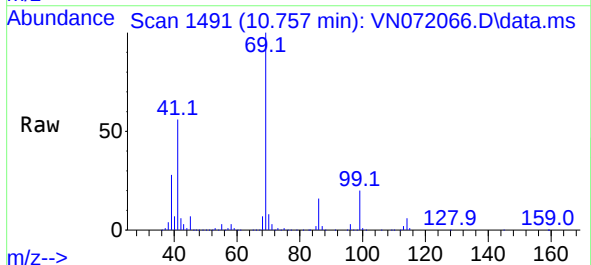
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.2	99.4
85	52.7	43.9	65.9
99	60.5	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

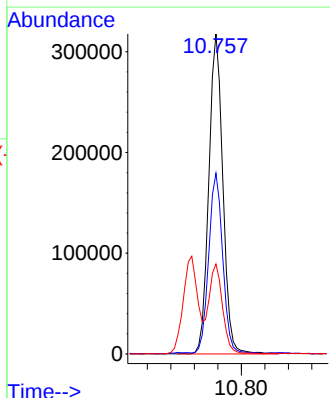
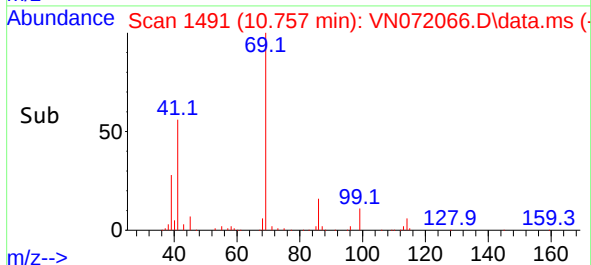


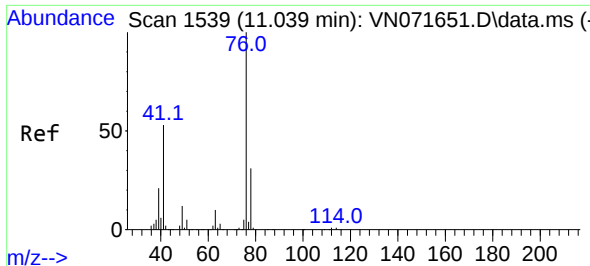
#56
Ethyl methacrylate
Concen: 69.667 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



Tgt Ion: 69 Resp: 527861

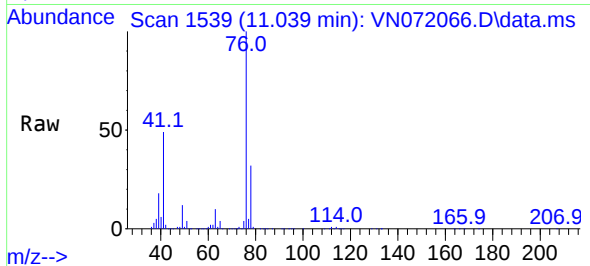
Ion	Ratio	Lower	Upper
69	100		
41	55.8	47.8	71.6
39	27.7	27.3	40.9





#57
1,3-Dichloropropane
Concen: 60.817 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

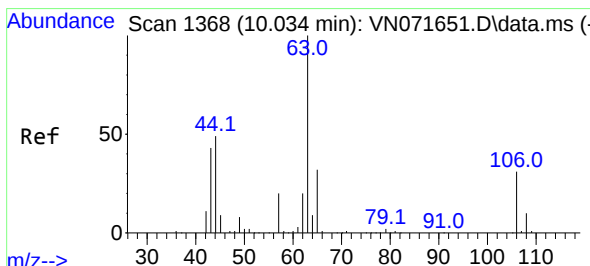
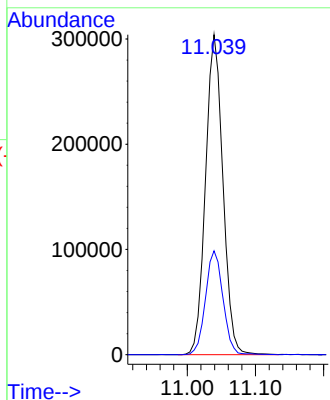
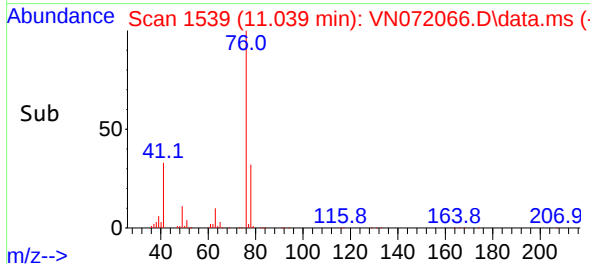
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



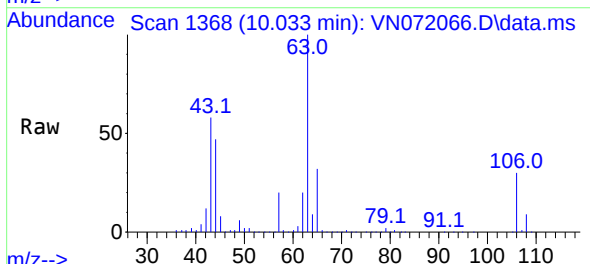
Tgt Ion: 76 Resp: 540073
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

Manual Integrations
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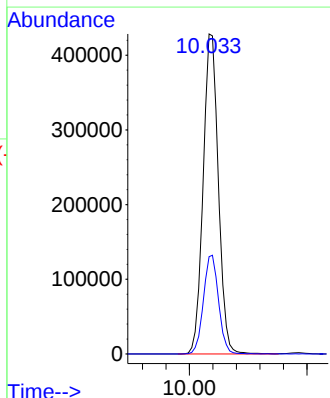
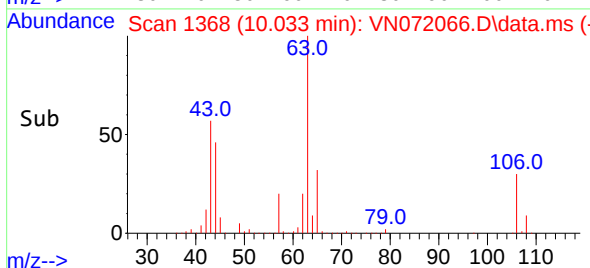
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

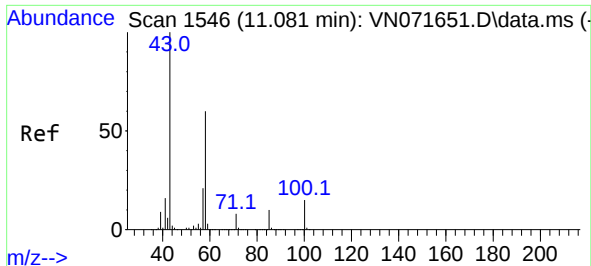


#58
2-Chloroethyl Vinyl ether
Concen: 325.501 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



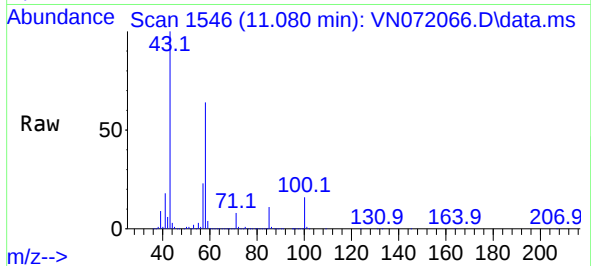
Tgt Ion: 63 Resp: 772109
Ion Ratio Lower Upper
63 100
106 30.6 24.6 36.8





#59
2-Hexanone
Concen: 322.989 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

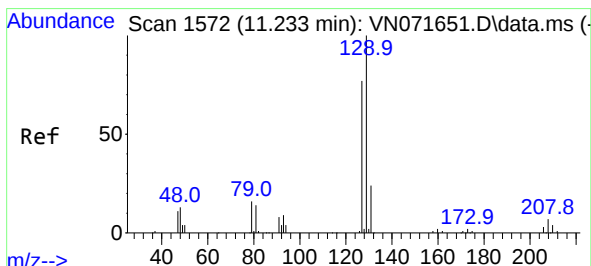
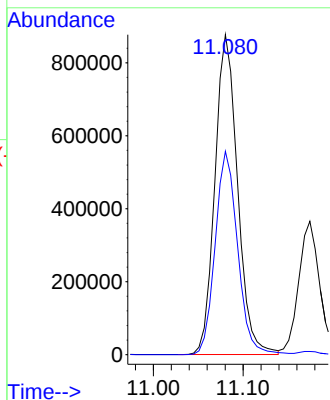
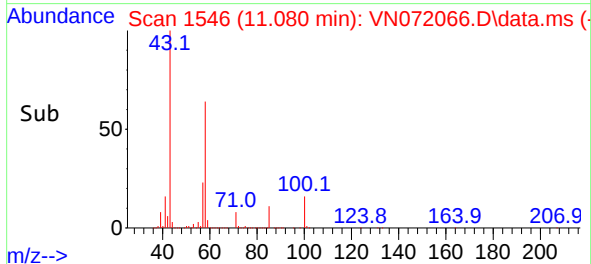
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



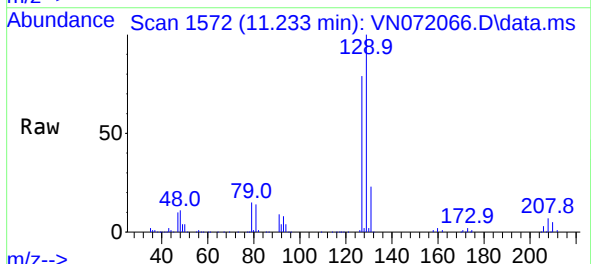
Tgt Ion: 43 Resp: 1538290
Ion Ratio Lower Upper
43 100
58 62.9 29.7 89.1

Manual Integrations
APPROVED

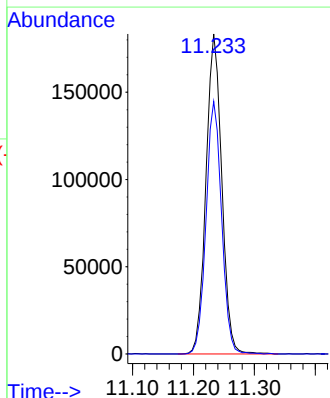
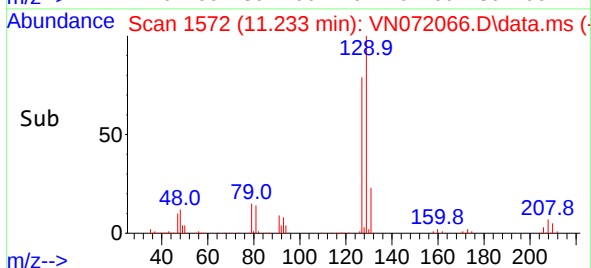
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

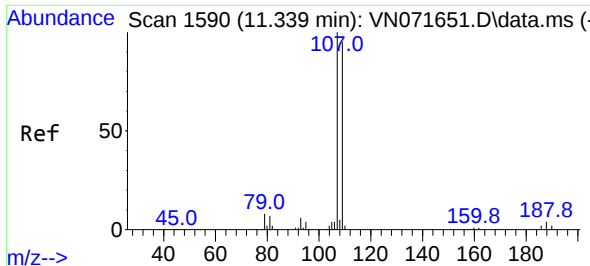


#60
Dibromochloromethane
Concen: 63.616 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



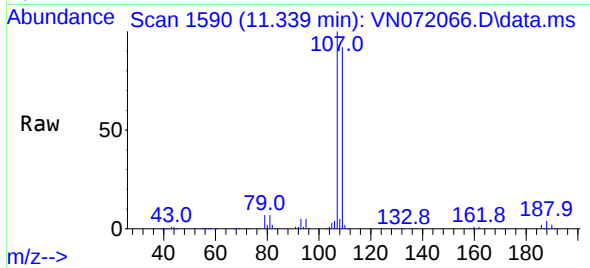
Tgt Ion:129 Resp: 329456
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 63.467 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

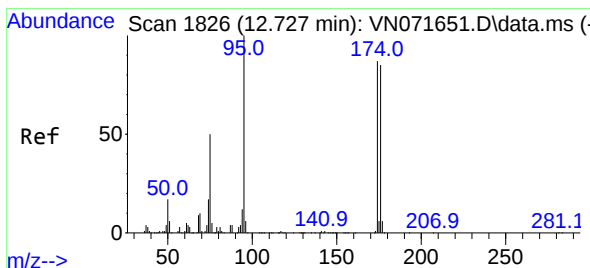
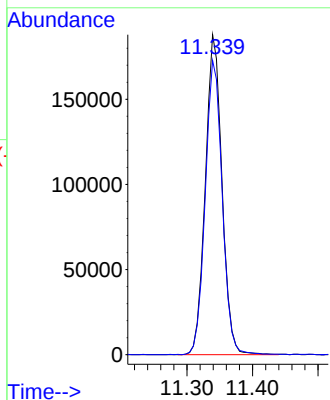
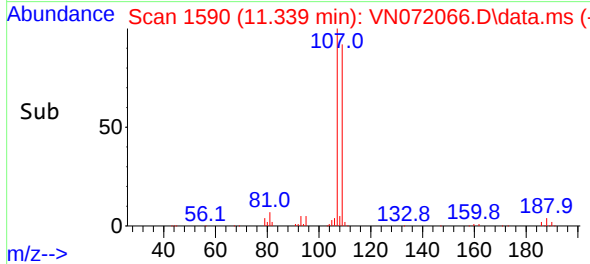
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



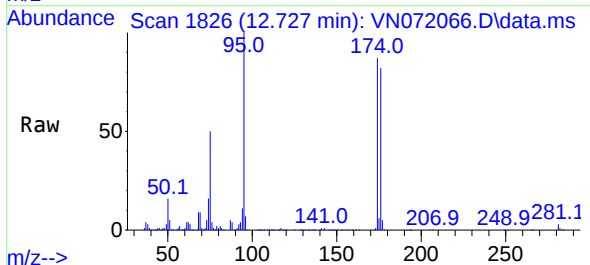
Tgt Ion:107 Resp: 33182
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6

Manual Integrations
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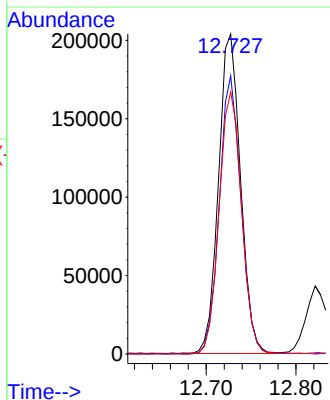
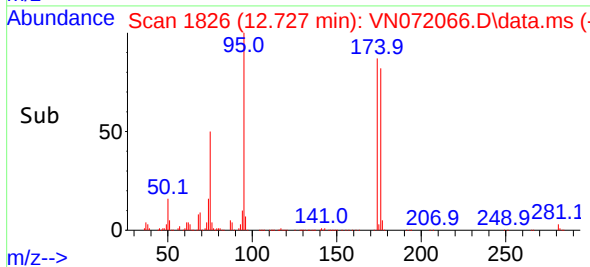
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

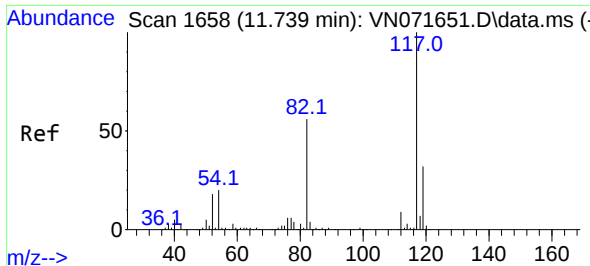


#62
4-Bromofluorobenzene
Concen: 56.570 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



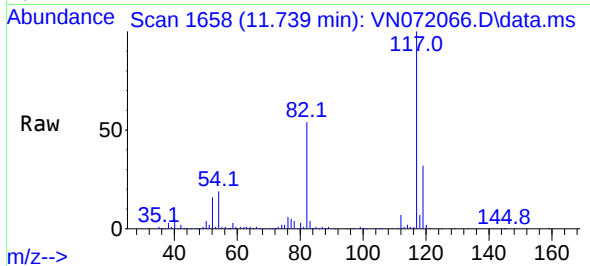
Tgt Ion: 95 Resp: 346373
Ion Ratio Lower Upper
95 100
174 86.0 0.0 167.6
176 83.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

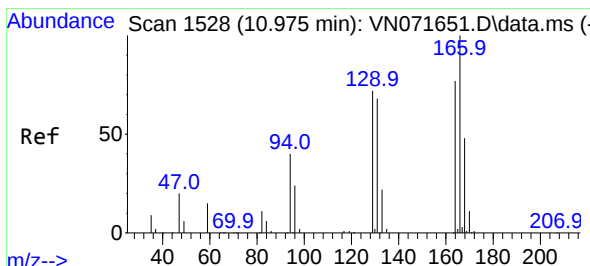
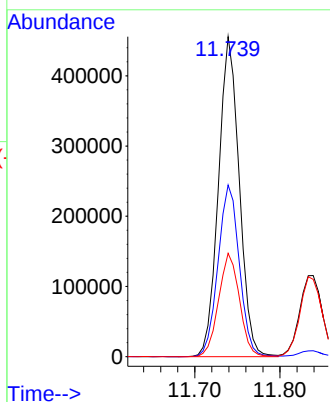
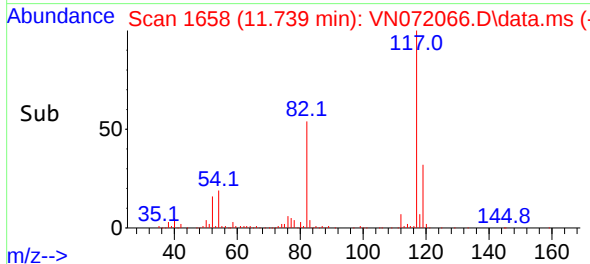
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



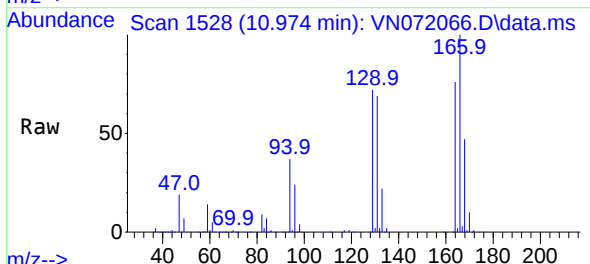
Tgt Ion:117 Resp: 773364
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.3 25.4 38.0

Manual Integrations
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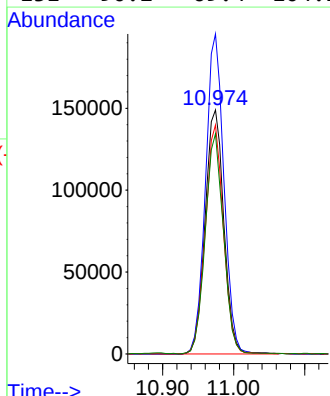
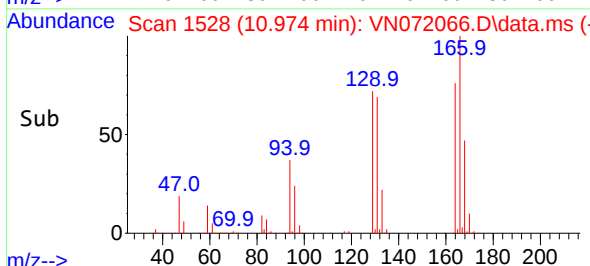
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

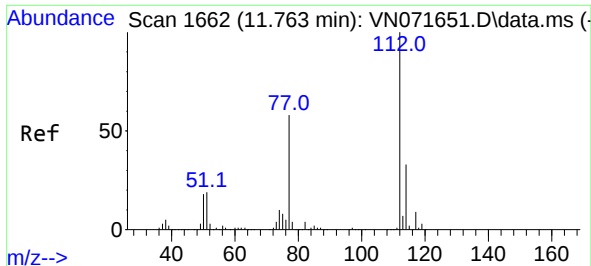


#64
Tetrachloroethene
Concen: 53.695 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



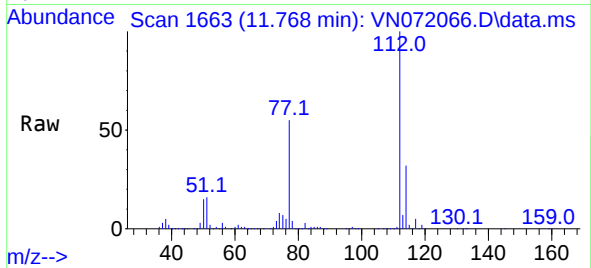
Tgt Ion:164 Resp: 274210
Ion Ratio Lower Upper
164 100
166 131.1 104.2 156.2
129 93.7 73.9 110.9
131 90.2 69.4 104.2





#65
Chlorobenzene
Concen: 57.035 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

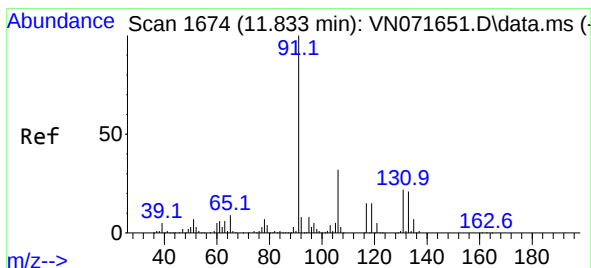
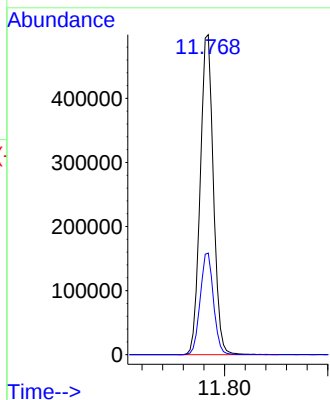
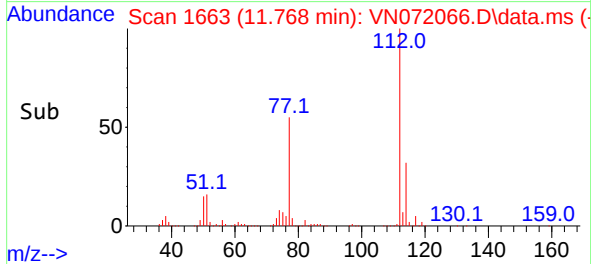
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



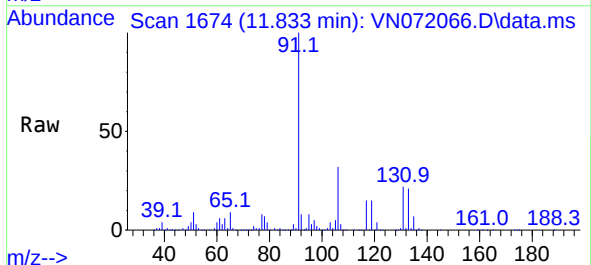
Tgt Ion:112 Resp: 883228
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
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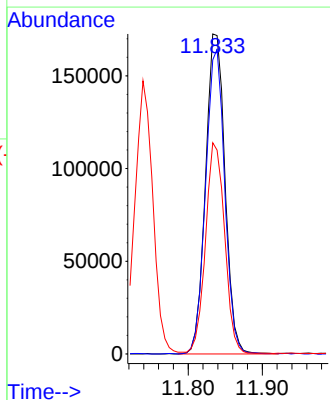
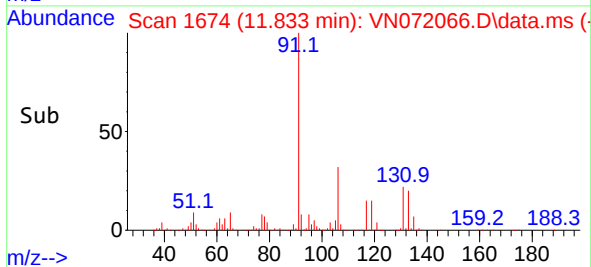
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

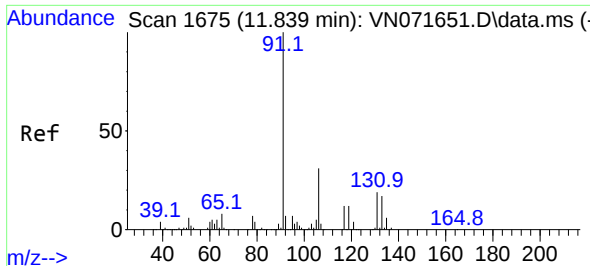


#66
1,1,1,2-Tetrachloroethane
Concen: 56.493 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



Tgt Ion:131 Resp: 315678
Ion Ratio Lower Upper
131 100
133 93.4 47.8 143.4
119 64.7 33.4 100.2





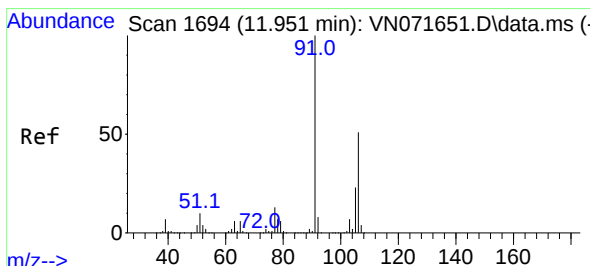
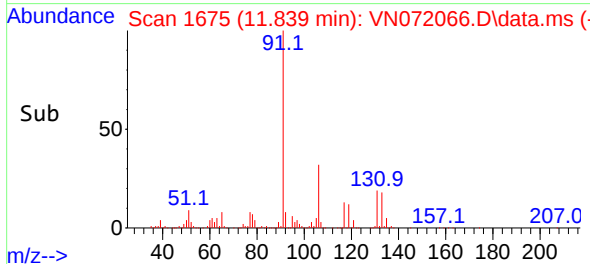
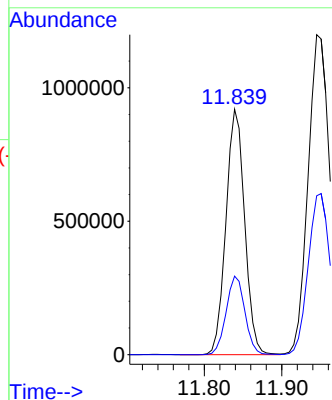
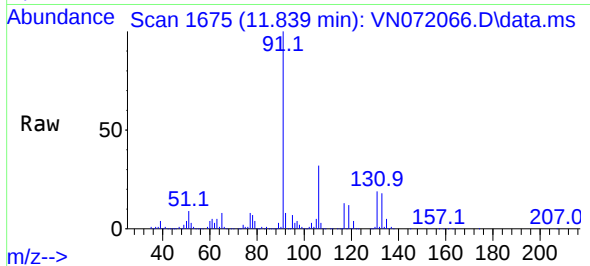
#67
Ethyl Benzene
Concen: 59.025 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1547330
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

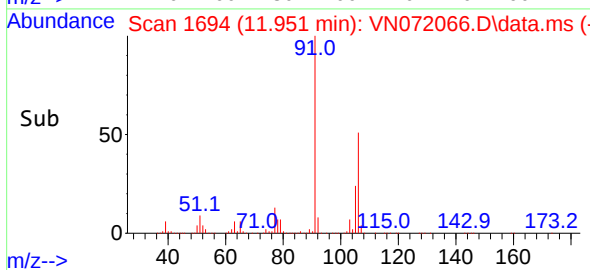
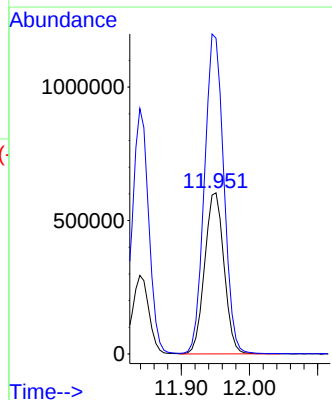
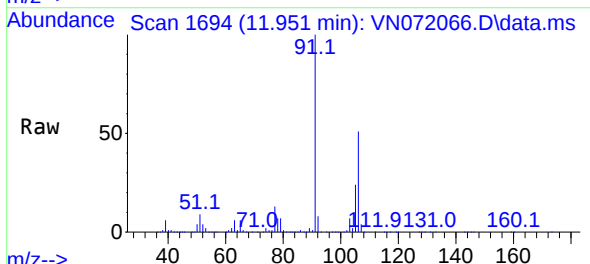
Manual Integrations
APPROVED

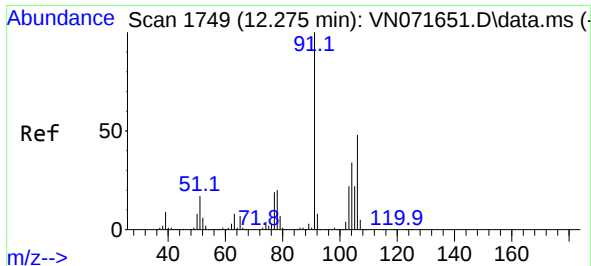
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#68
m/p-Xylenes
Concen: 118.239 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Tgt Ion:106 Resp: 1190951
Ion Ratio Lower Upper
106 100
91 197.7 158.9 238.3





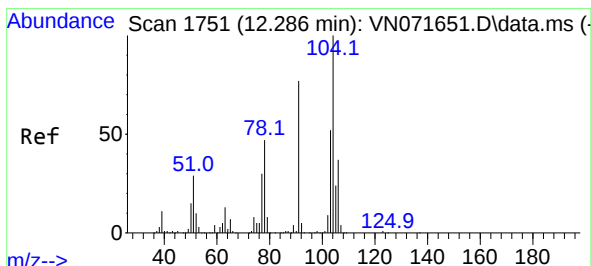
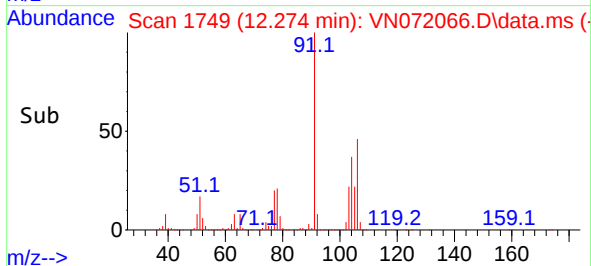
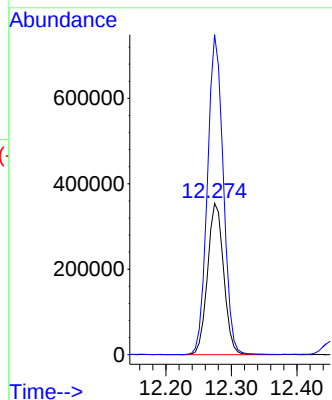
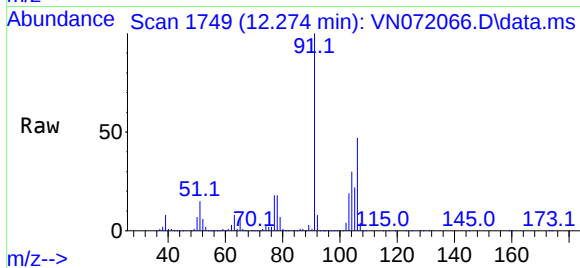
#69
o-Xylene
Concen: 60.688 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 606733
Ion Ratio Lower Upper
106 100
91 207.4 106.0 318.0

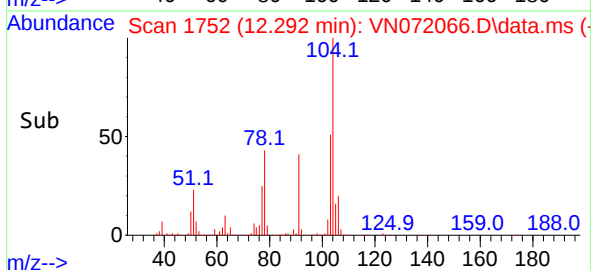
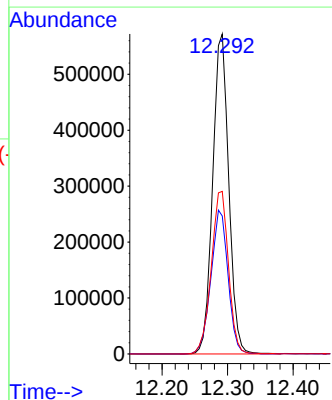
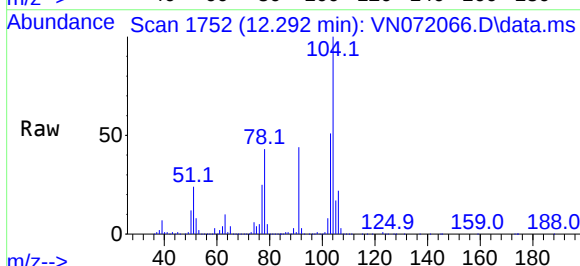
Manual Integrations
APPROVED

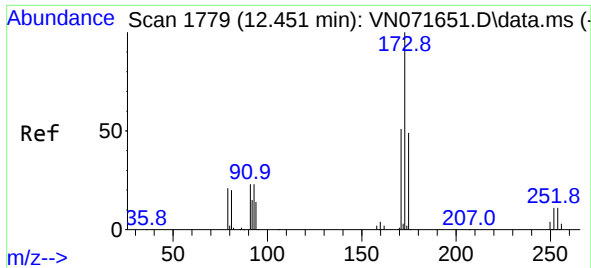
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#70
Styrene
Concen: 64.151 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

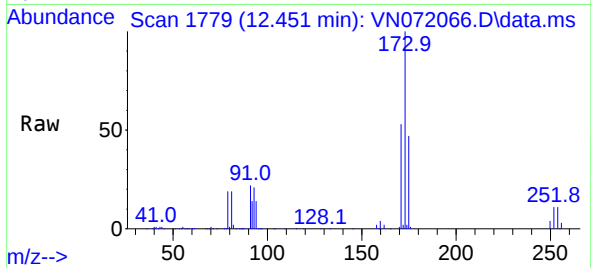
Tgt Ion:104 Resp: 971735
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 60.552 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

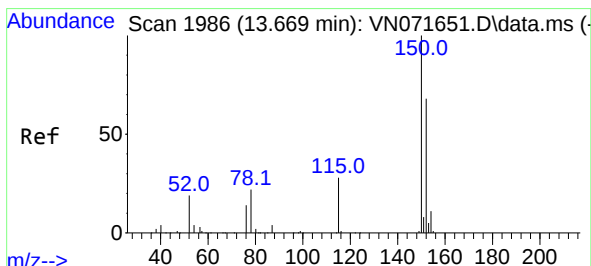
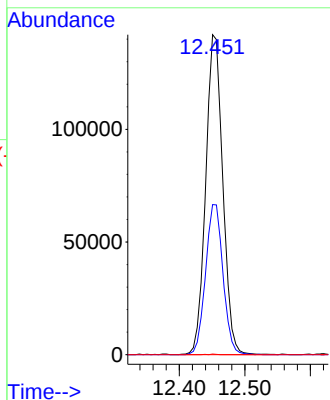
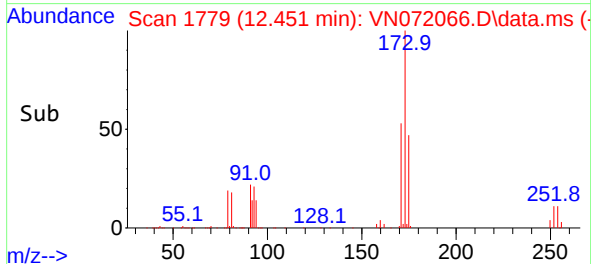
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 257668
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.6
254 0.1 0.1 0.1

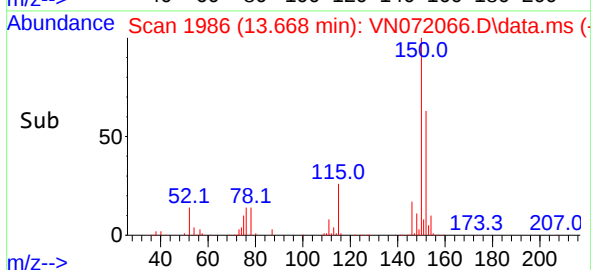
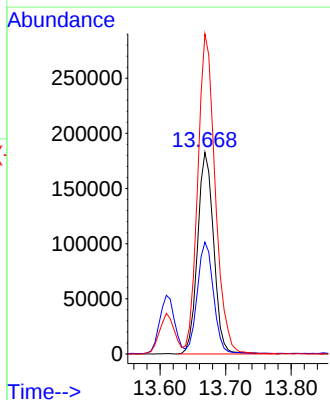
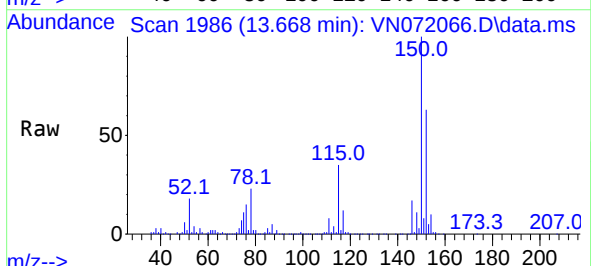
Manual Integrations
APPROVED

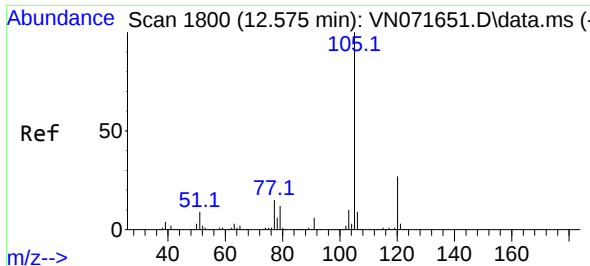
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

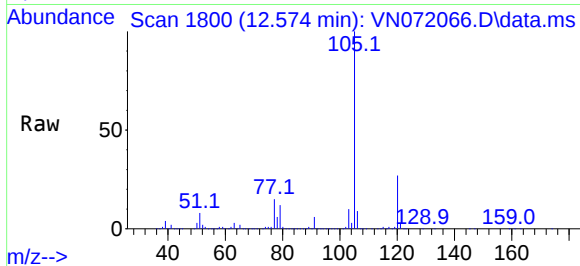
Tgt Ion:152 Resp: 312557
Ion Ratio Lower Upper
152 100
115 55.1 28.9 86.7
150 172.7 0.0 356.2





#73
Isopropylbenzene
Concen: 57.702 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

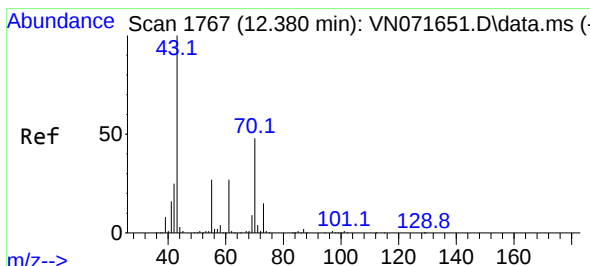
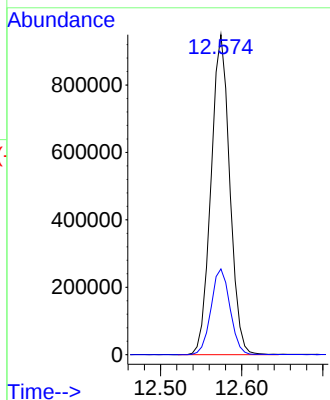
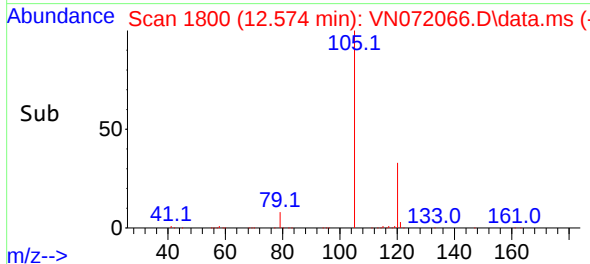
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



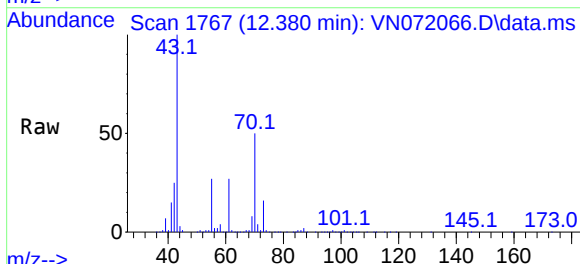
Tgt Ion:105 Resp: 1519780
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

Manual Integrations
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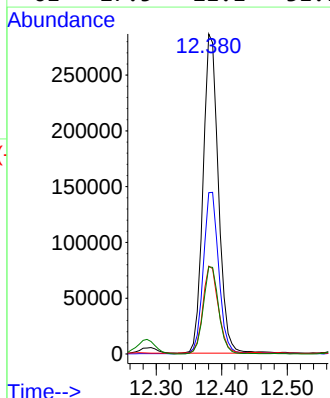
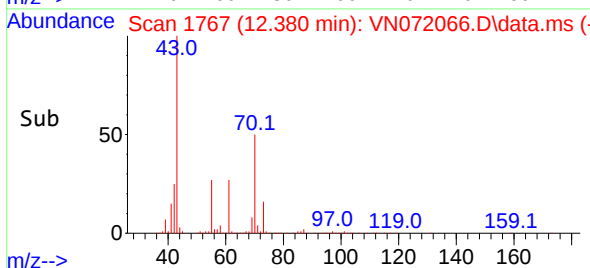
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

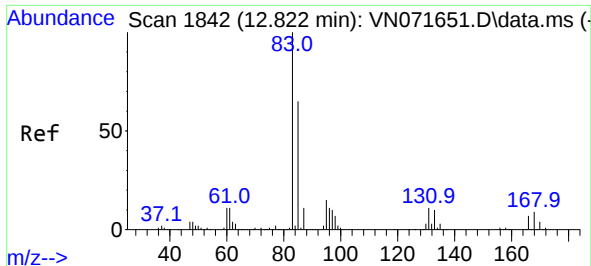


#74
N-ethyl acetate
Concen: 61.700 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



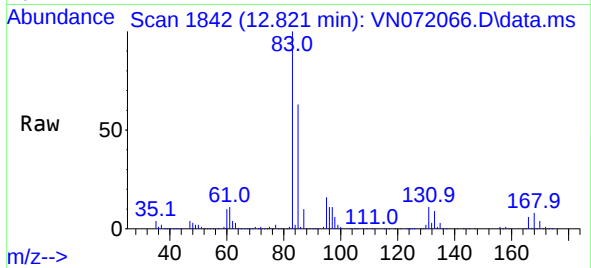
Tgt Ion: 43 Resp: 465616
Ion Ratio Lower Upper
43 100
70 50.9 39.0 58.4
55 27.6 21.1 31.7
61 27.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.419 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

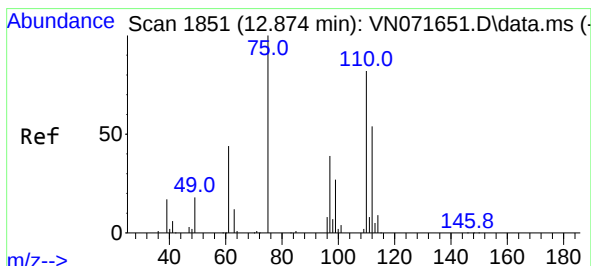
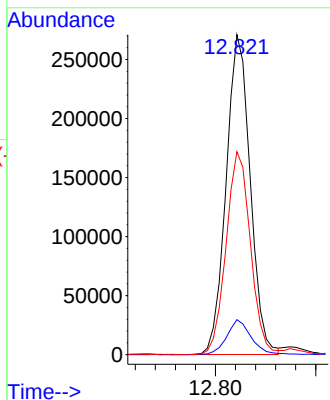
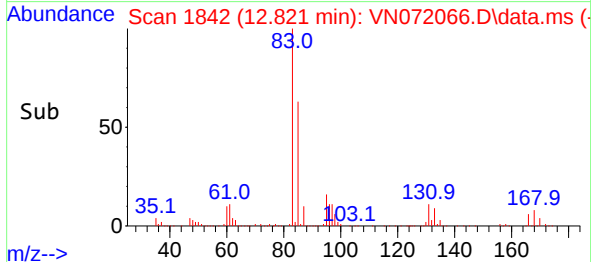
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



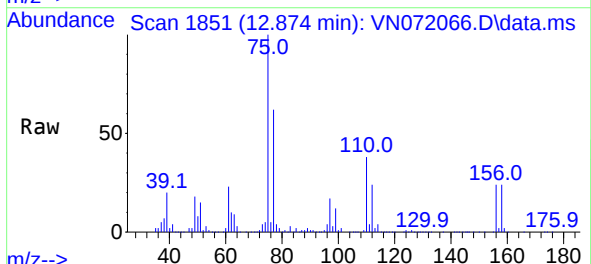
Tgt Ion: 83 Resp: 451870
Ion Ratio Lower Upper
83 100
131 11.3 5.3 15.9
85 64.2 32.3 96.9

Manual Integrations
APPROVED

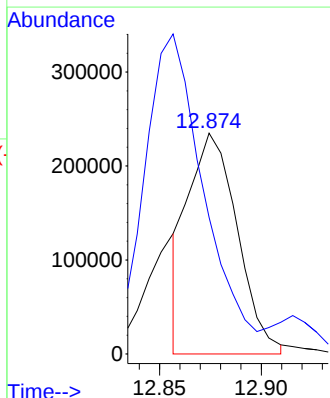
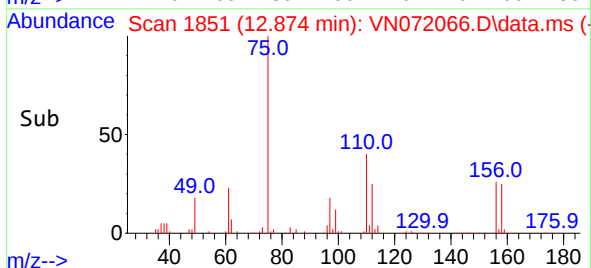
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

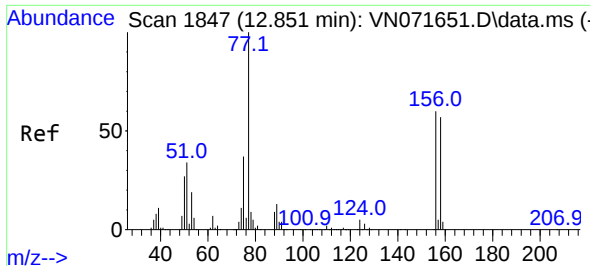


#76
1,2,3-Trichloropropane
Concen: 54.558 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



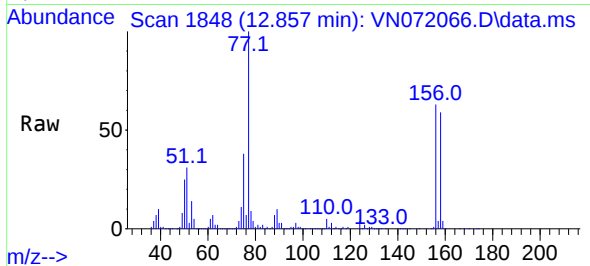
Tgt Ion: 75 Resp: 395037
Ion Ratio Lower Upper
75 100
77 175.0 98.5 295.5





#77
Bromobenzene
Concen: 54.639 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

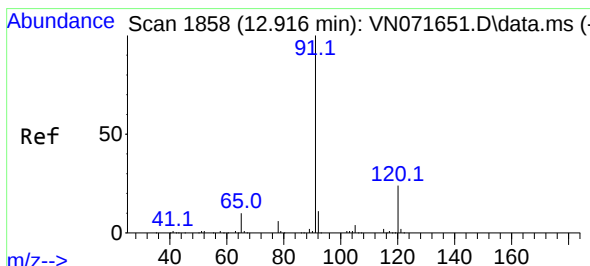
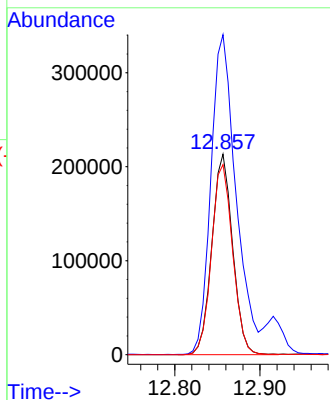
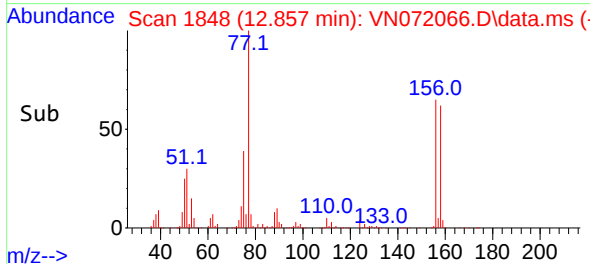
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 36075
Ion Ratio Lower Upper
156 100
77 191.6 100.5 301.5
158 96.7 48.9 146.6

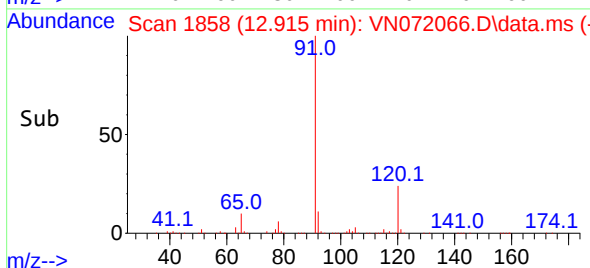
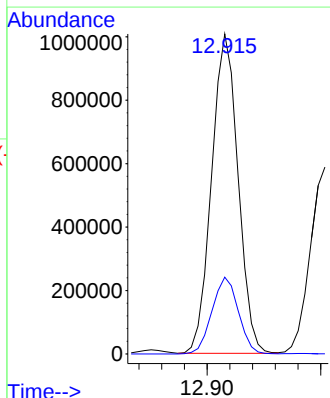
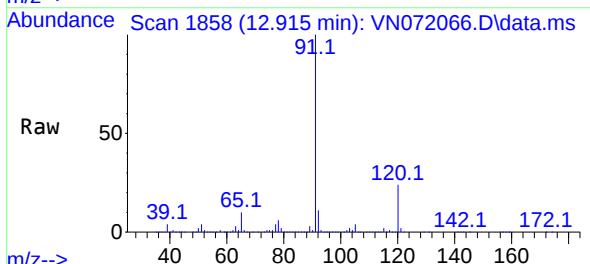
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#78
n-propylbenzene
Concen: 58.822 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

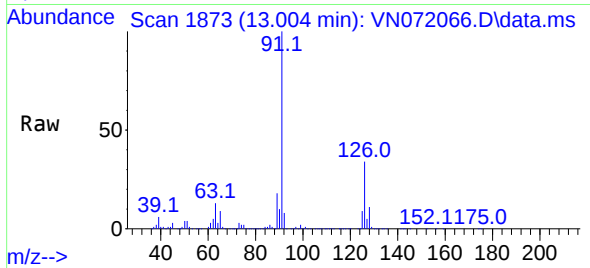
Tgt Ion: 91 Resp: 1629708
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





#79
2-Chlorotoluene
Concen: 55.014 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

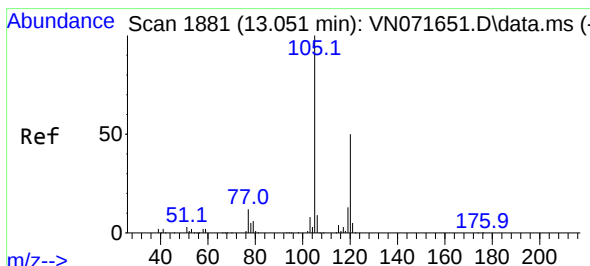
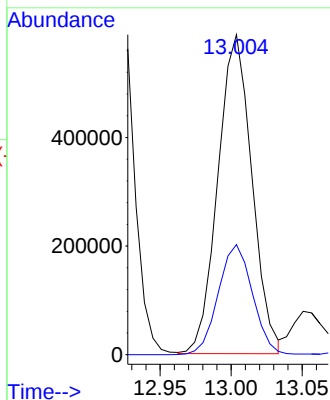
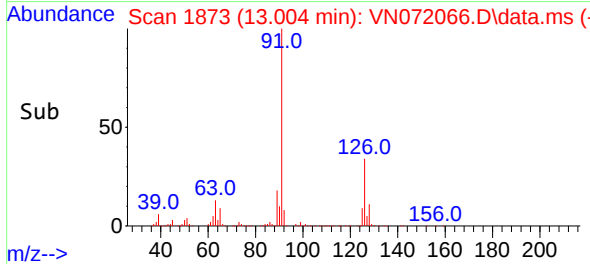
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



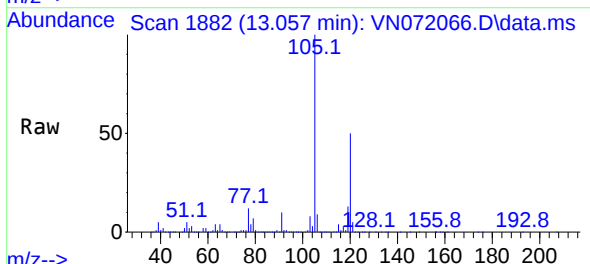
Tgt Ion: 91 Resp: 97748
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.9

Manual Integrations
APPROVED

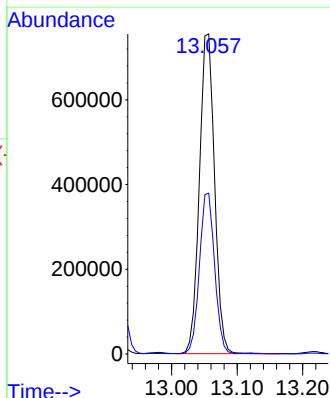
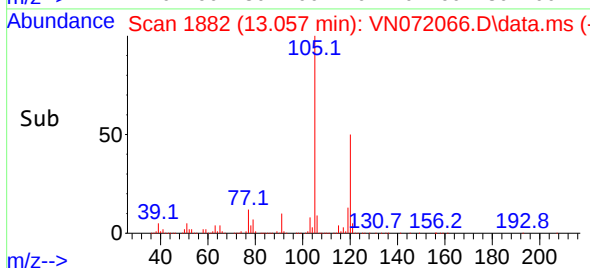
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

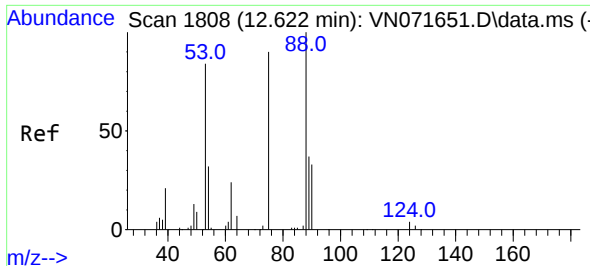


#80
1,3,5-Trimethylbenzene
Concen: 58.431 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



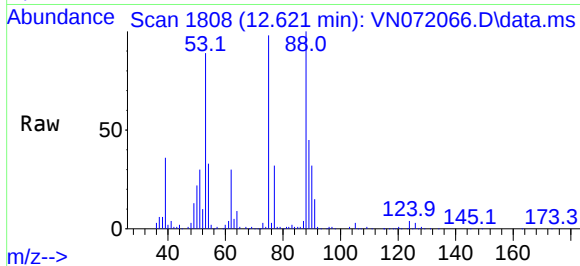
Tgt Ion:105 Resp: 1219340
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 58.119 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

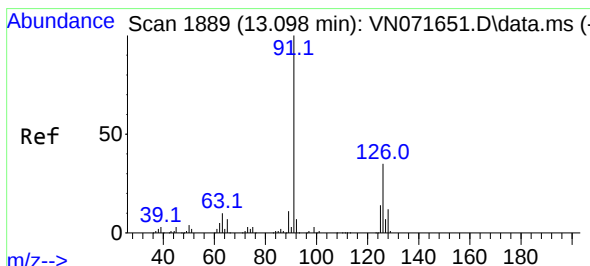
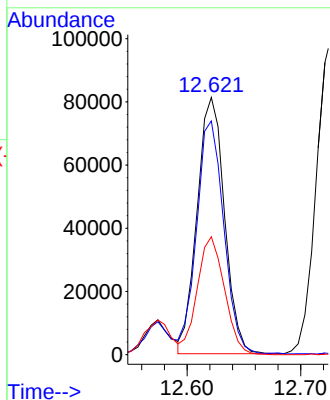
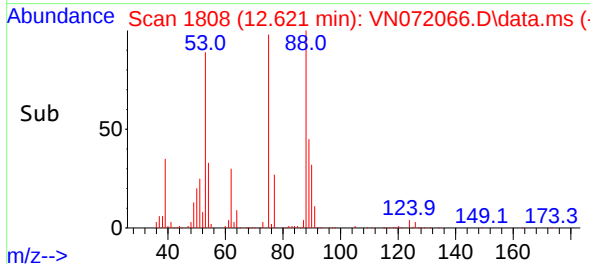
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



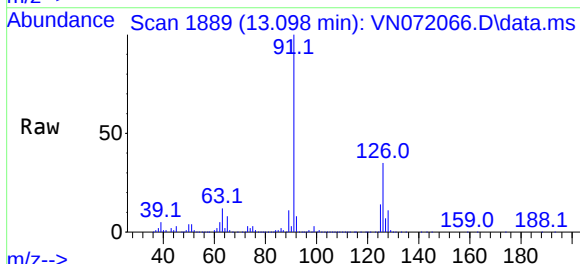
Tgt Ion: 75 Resp: 135792
Ion Ratio Lower Upper
75 100
53 90.5 78.0 117.0
89 46.1 37.2 55.8

Manual Integrations
APPROVED

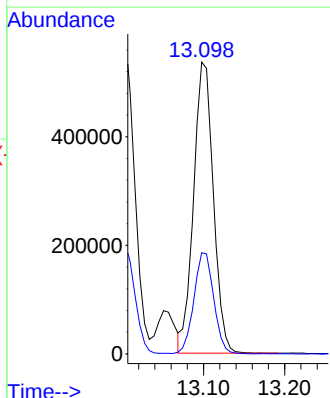
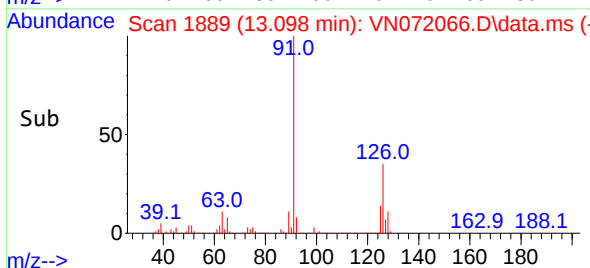
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

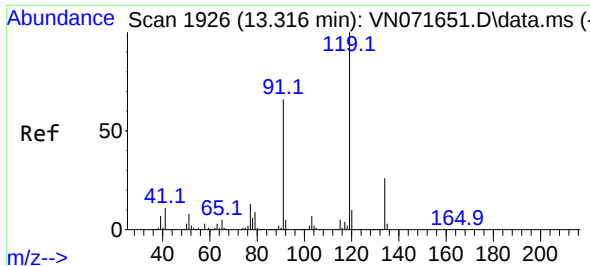


#82
4-Chlorotoluene
Concen: 55.156 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



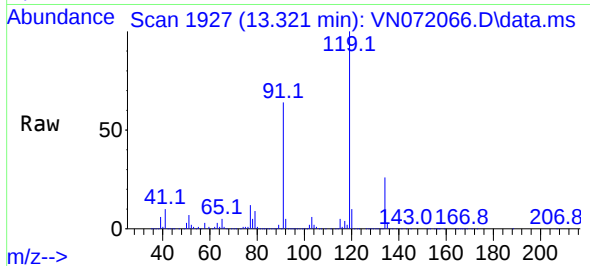
Tgt Ion: 91 Resp: 908391
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 56.678 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

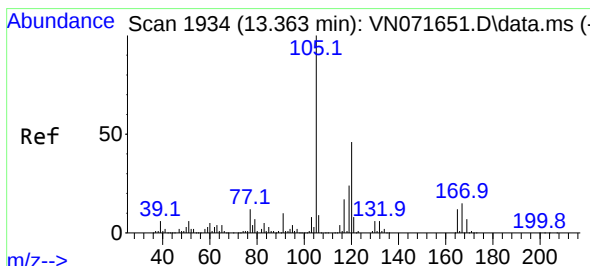
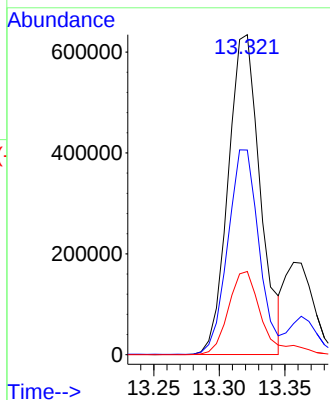
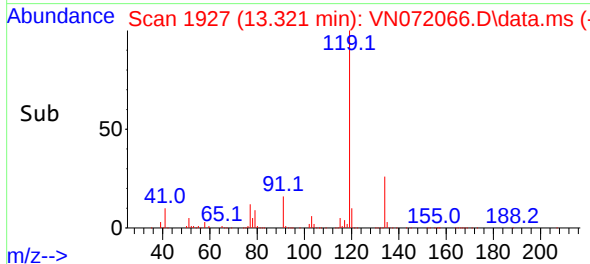
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 108118
Ion Ratio Lower Upper
119 100
91 61.9 31.6 94.8
134 27.3 13.7 41.1

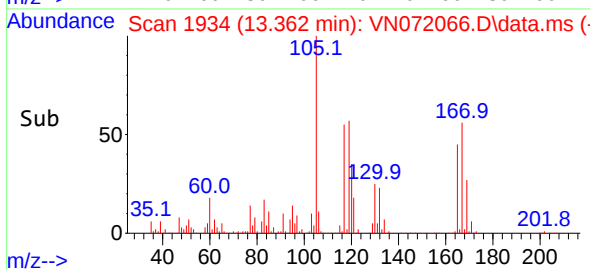
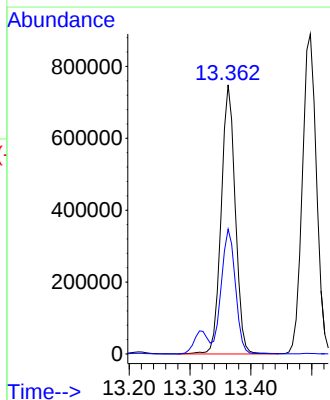
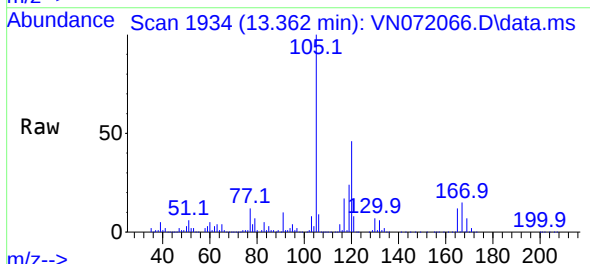
Manual Integrations
APPROVED

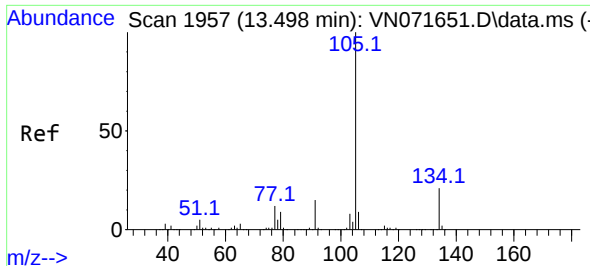
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 58.932 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

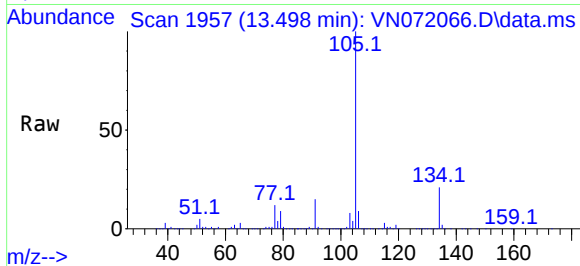
Tgt Ion:105 Resp: 1199923
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 58.014 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072066.D
 Acq: 19 Apr 2022 21:51

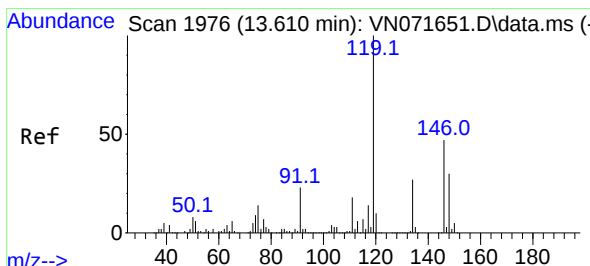
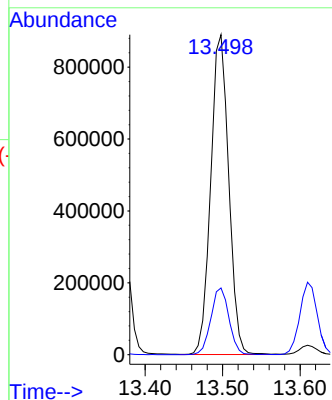
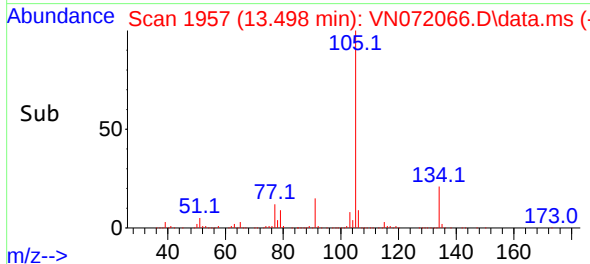
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



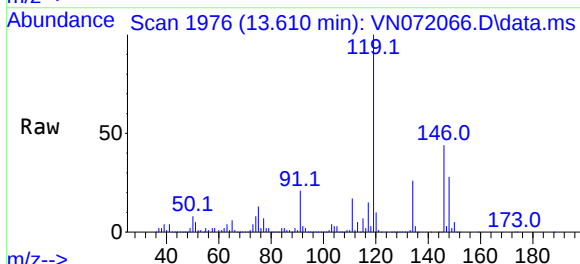
Tgt Ion:105 Resp: 1434590
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

Manual Integrations
 APPROVED

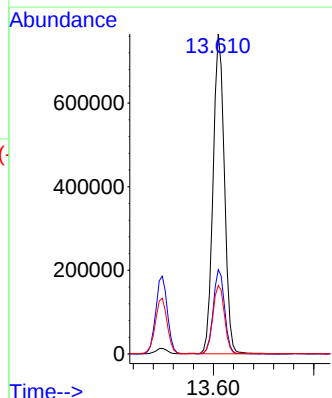
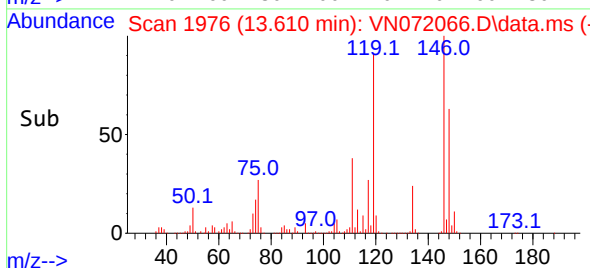
Reviewed By :John Carlone 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

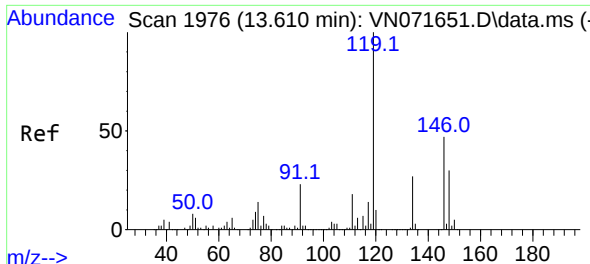


#86
 p-Isopropyltoluene
 Concen: 60.644 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072066.D
 Acq: 19 Apr 2022 21:51



Tgt Ion:119 Resp: 1195704
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 21.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 54.453 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 572784

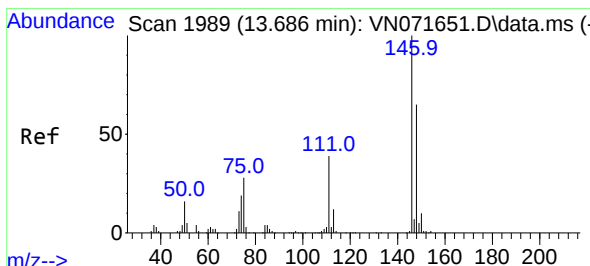
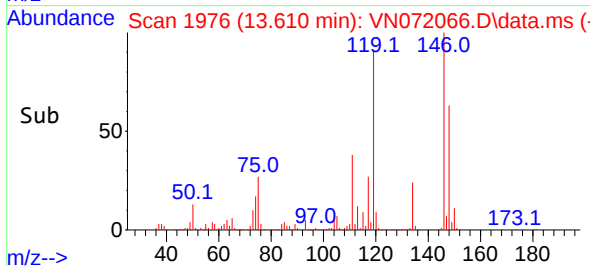
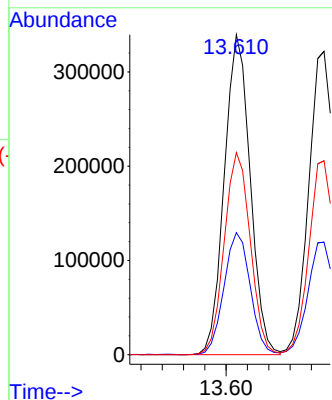
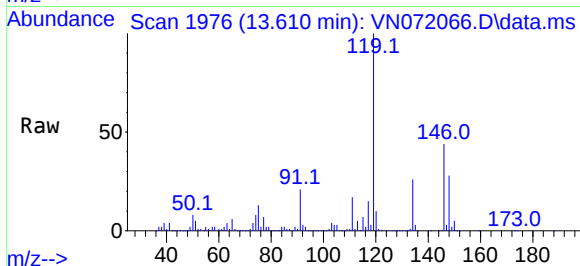
Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	60.0
148	63.7	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#88

1,4-Dichlorobenzene

Concen: 53.877 ug/l

RT: 13.692 min Scan# 1990

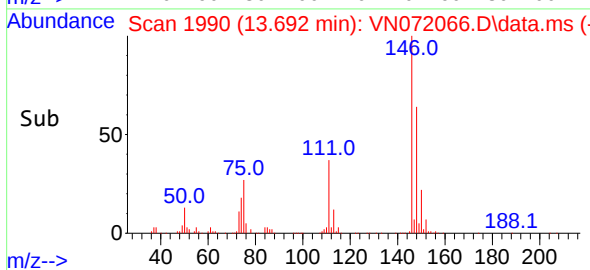
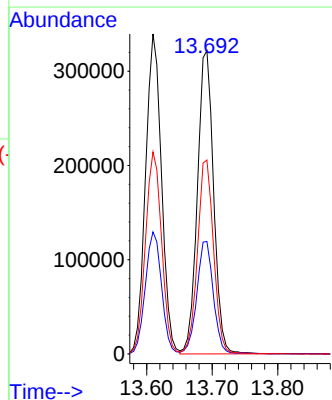
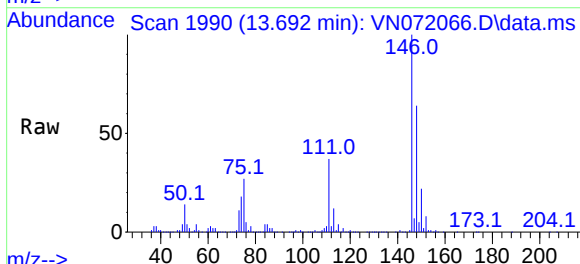
Delta R.T. 0.006 min

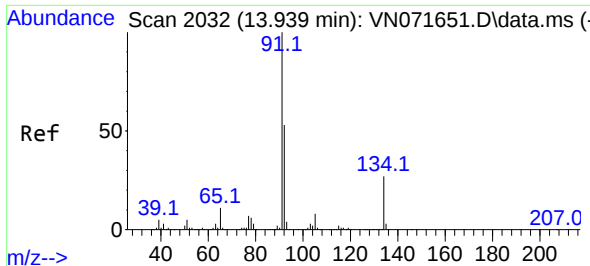
Lab File: VN072066.D

Acq: 19 Apr 2022 21:51

Tgt Ion:146 Resp: 552898

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	63.5	31.4	94.3





#89
n-Butylbenzene
Concen: 59.988 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

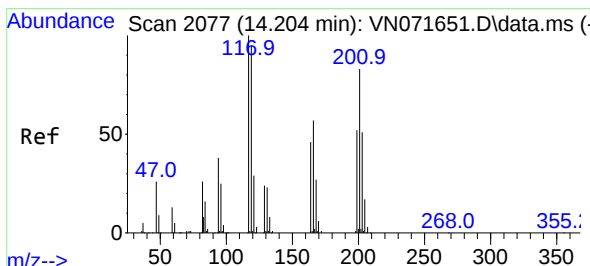
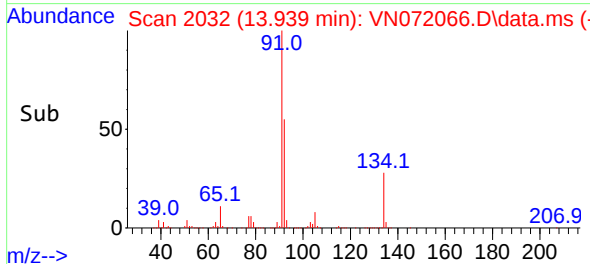
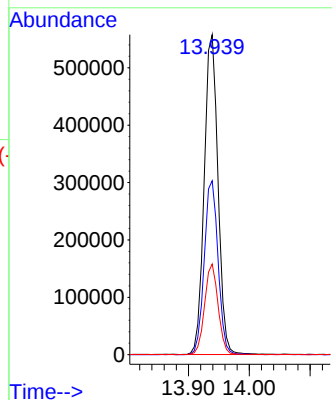
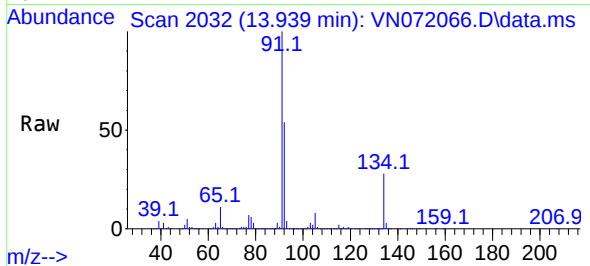
VSTDCCC050EC

Tgt Ion: 91 Resp: 877252
Ion Ratio Lower Upper
91 100
92 54.7 26.9 80.7
134 27.9 13.6 40.8

Manual Integrations

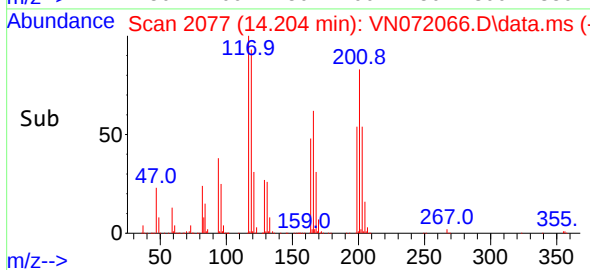
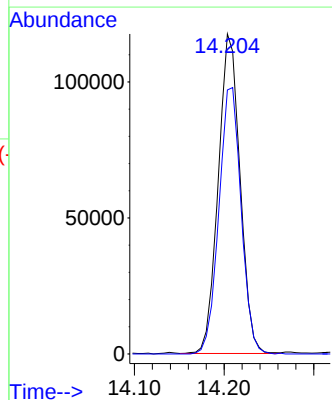
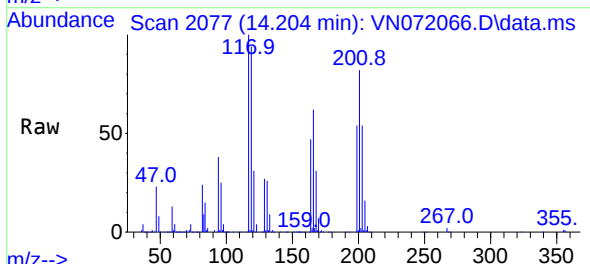
APPROVED

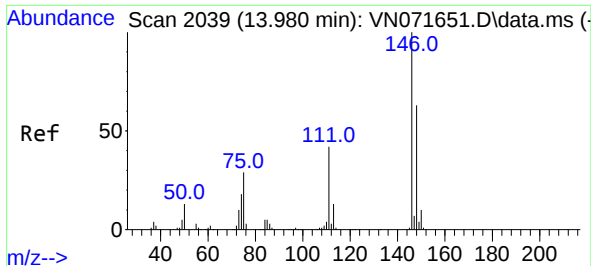
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#90
Hexachloroethane
Concen: 54.906 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

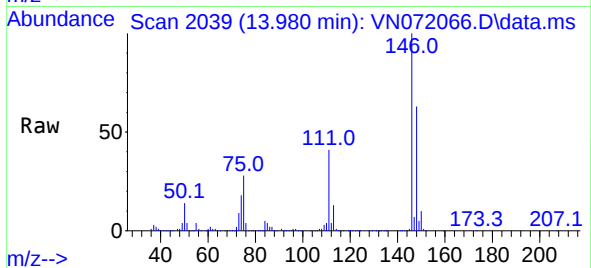
Tgt Ion:117 Resp: 198169
Ion Ratio Lower Upper
117 100
201 85.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 53.127 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

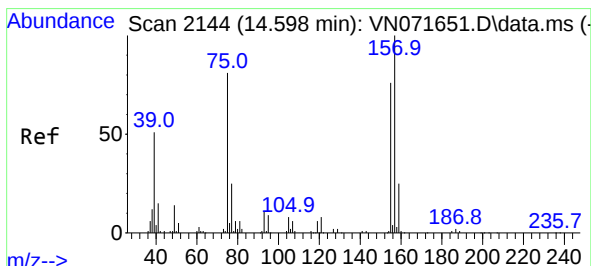
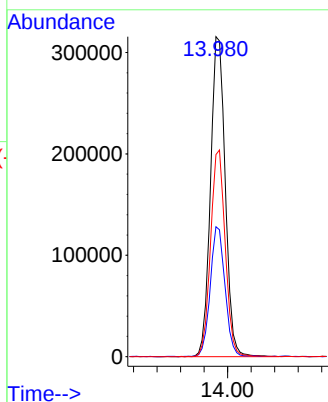
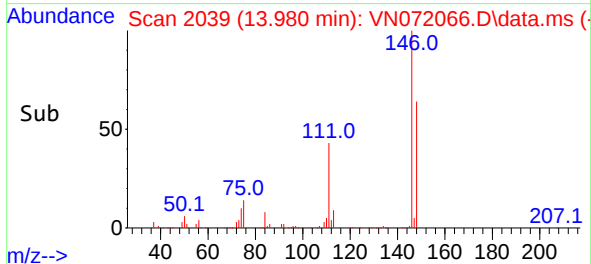
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



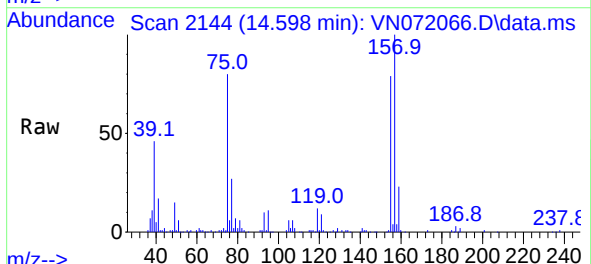
Tgt Ion:146 Resp: 548619
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.8
148 64.6 32.1 96.3

Manual Integrations
APPROVED

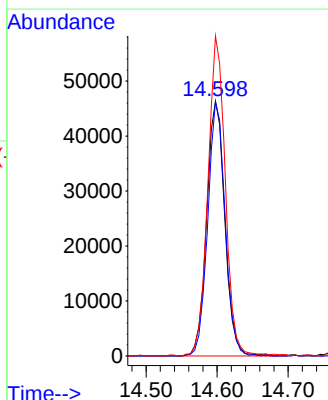
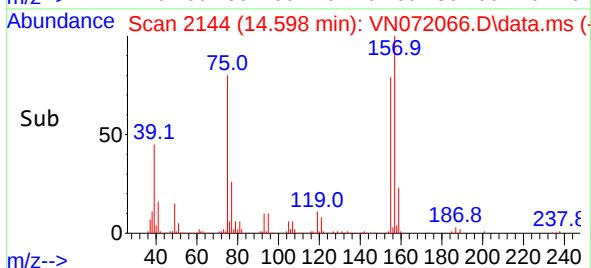
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

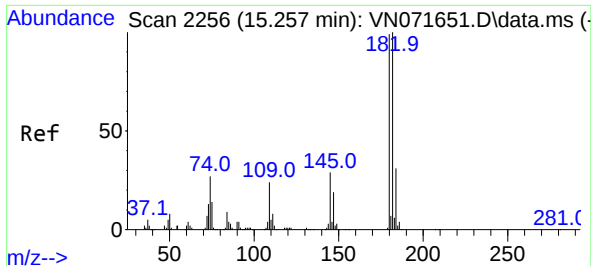


#92
1,2-Dibromo-3-Chloropropane
Concen: 60.002 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



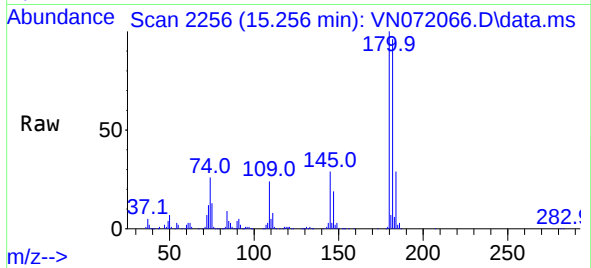
Tgt Ion: 75 Resp: 81789
Ion Ratio Lower Upper
75 100
155 96.1 44.9 134.5
157 121.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 57.699 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

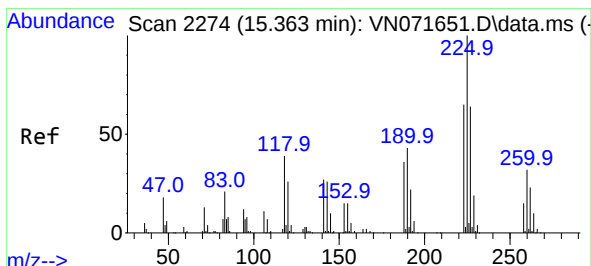
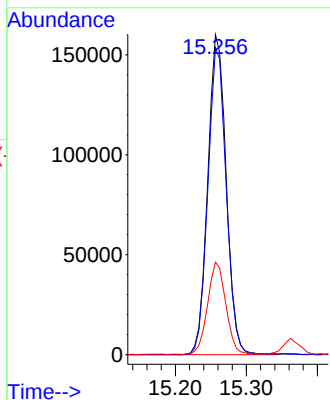
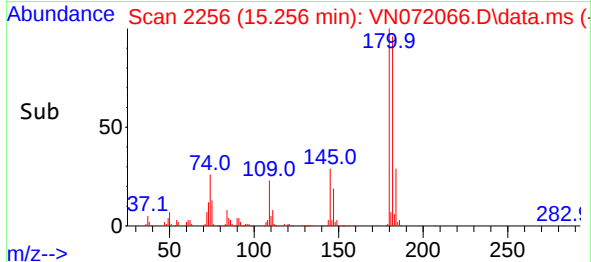
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



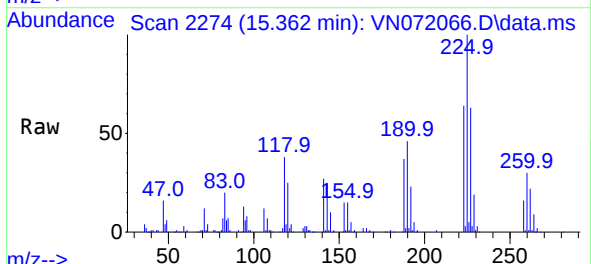
Tgt Ion:180 Resp: 28868
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 28.4 14.5 43.5

Manual Integrations
APPROVED

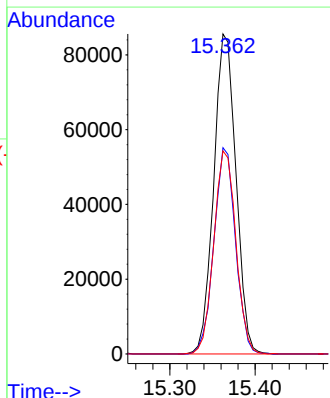
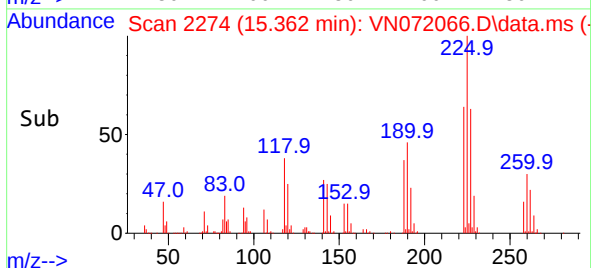
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

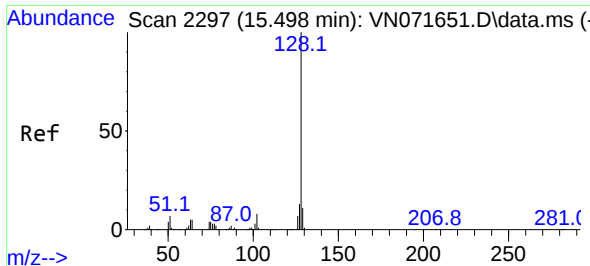


#94
Hexachlorobutadiene
Concen: 51.020 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



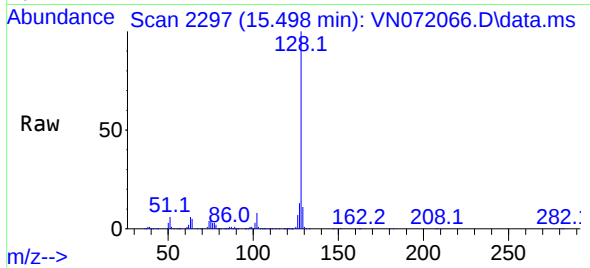
Tgt Ion:225 Resp: 155389
Ion Ratio Lower Upper
225 100
223 62.6 32.4 97.2
227 63.2 31.8 95.4





#95
Naphthalene
Concen: 62.067 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51

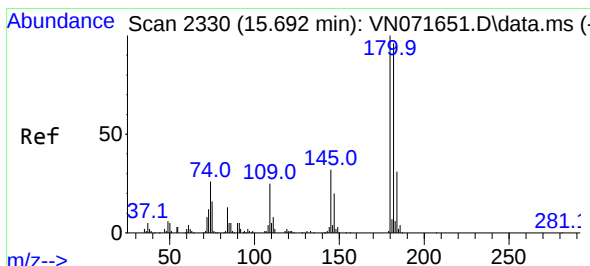
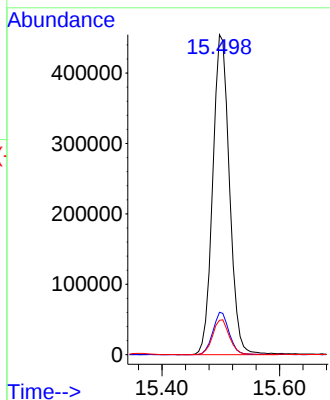
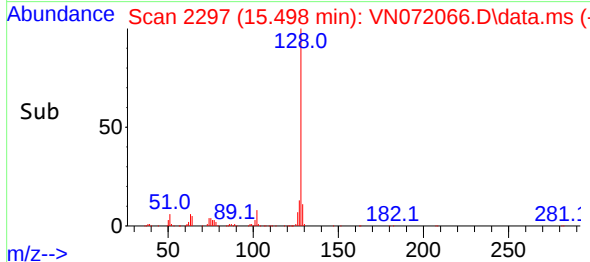
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



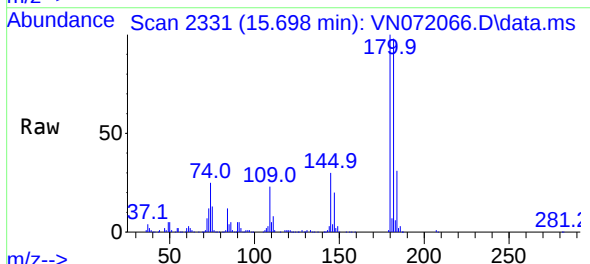
Tgt Ion:128 Resp: 897548
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.797 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072066.D
Acq: 19 Apr 2022 21:51



Tgt Ion:180 Resp: 285472
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 30.4 15.5 46.5

