

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073021.D
 Acq On : 22 Jun 2022 13:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 23 07:30:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	268183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	453335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	408462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	193728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	190890	52.648	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.300%			
35) Dibromofluoromethane	7.945	113	149293	53.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.375	98	562995	53.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.000%			
62) 4-Bromofluorobenzene	12.669	95	212264	56.616	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	145720	57.068	ug/l	98
3) Chloromethane	2.269	50	135338	49.315	ug/l	100
4) Vinyl Chloride	2.410	62	124839	54.517	ug/l	100
5) Bromomethane	2.787	94	53574	59.432	ug/l	97
6) Chloroethane	2.957	64	81380	56.805	ug/l	94
7) Trichlorofluoromethane	3.316	101	235007	63.021	ug/l	100
8) Diethyl Ether	3.763	74	101568	52.775	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.140	101	144255	55.963	ug/l	98
10) Methyl Iodide	4.351	142	120602	40.819	ug/l	97
11) Tert butyl alcohol	5.281	59	208415	222.527	ug/l	100
12) 1,1-Dichloroethene	4.116	96	132044	51.426	ug/l	96
13) Acrolein	3.987	56	81464	220.850	ug/l	97
14) Allyl chloride	4.763	41	283817	51.737	ug/l #	94
15) Acrylonitrile	5.469	53	556963	257.970	ug/l	99
16) Acetone	4.216	43	511255	256.518	ug/l	95
17) Carbon Disulfide	4.457	76	287868	43.758	ug/l	100
18) Methyl Acetate	4.775	43	263413	49.631	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	531486	55.116	ug/l	98
20) Methylene Chloride	5.016	84	160777	52.017	ug/l	88
21) trans-1,2-Dichloroethene	5.510	96	138462	49.575	ug/l	97
22) Diisopropyl ether	6.410	45	585765	57.278	ug/l	96
23) Vinyl Acetate	6.345	43	2638454	279.484	ug/l #	94
24) 1,1-Dichloroethane	6.304	63	291074	54.289	ug/l	99
25) 2-Butanone	7.257	43	797918	252.292	ug/l	91
26) 2,2-Dichloropropane	7.245	77	264012	59.429	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	175255	52.521	ug/l	95
28) Bromochloromethane	7.581	49	122240	55.128	ug/l	86
29) Tetrahydrofuran	7.604	42	529757	253.654	ug/l	87
30) Chloroform	7.745	83	299455	55.171	ug/l	98
31) Cyclohexane	8.022	56	244943	49.942	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	259179	54.414	ug/l	99
36) 1,1-Dichloropropene	8.145	75	207775	54.801	ug/l	98
37) Ethyl Acetate	7.334	43	314801	51.909	ug/l	96
38) Carbon Tetrachloride	8.134	117	215959	54.151	ug/l	98
39) Methylcyclohexane	9.386	83	256804	56.193	ug/l	96
40) Benzene	8.387	78	648290	54.407	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	153115	53.242	ug/l	91
42) 1,2-Dichloroethane	8.457	62	236529	55.888	ug/l	99
43) Isopropyl Acetate	8.492	43	489375	56.452	ug/l	94
44) Trichloroethene	9.145	130	160891	53.282	ug/l	91
45) 1,2-Dichloropropane	9.422	63	173118	56.839	ug/l	99
46) Dibromomethane	9.510	93	114091	55.399	ug/l	95
47) Bromodichloromethane	9.692	83	239238	58.452	ug/l	98
48) Methyl methacrylate	9.492	41	215871	54.541	ug/l	89
49) 1,4-Dioxane	9.498	88	82177	922.767	ug/l #	91
51) 4-Methyl-2-Pentanone	10.263	43	1570458	277.808	ug/l	91
52) Toluene	10.439	92	411926	56.308	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	265660	60.354	ug/l	96
54) cis-1,3-Dichloropropene	10.122	75	281962	58.645	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	173846	54.122	ug/l	98
56) Ethyl methacrylate	10.698	69	296175	57.527	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	295656	55.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	581491	255.823	ug/l	95
59) 2-Hexanone	11.022	43	1206506	275.943	ug/l	89
60) Dibromochloromethane	11.175	129	182632	60.161	ug/l	99
61) 1,2-Dibromoethane	11.280	107	178591	56.398	ug/l	100
64) Tetrachloroethene	10.910	164	136516	54.939	ug/l	95
65) Chlorobenzene	11.704	112	441179	55.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.775	131	167874	55.292	ug/l	99
67) Ethyl Benzene	11.780	91	810806	57.739	ug/l	99
68) m/p-Xylenes	11.886	106	612044	111.125	ug/l	95
69) o-Xylene	12.216	106	309856	56.302	ug/l	99
70) Styrene	12.227	104	510173	57.724	ug/l	99
71) Bromoform	12.392	173	132827	58.022	ug/l #	100
73) Isopropylbenzene	12.516	105	817343	54.536	ug/l	99
74) N-amyl acetate	12.322	43	411962	52.969	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	276990	51.318	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	242942m	51.724	ug/l	
77) Bromobenzene	12.792	156	190117	52.951	ug/l	90
78) n-propylbenzene	12.857	91	952796	57.797	ug/l	98
79) 2-Chlorotoluene	12.939	91	577658	54.113	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	681050	55.321	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	95005	54.626	ug/l	95
82) 4-Chlorotoluene	13.039	91	560107	55.456	ug/l	98
83) tert-Butylbenzene	13.257	119	590465	52.370	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	676191	55.146	ug/l	98
85) sec-Butylbenzene	13.433	105	852735	56.696	ug/l	99
86) p-Isopropyltoluene	13.551	119	701136	57.579	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	342575	53.443	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	350954	54.094	ug/l	100
89) n-Butylbenzene	13.874	91	605371	60.883	ug/l	99
90) Hexachloroethane	14.145	117	129237	56.297	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	354431	53.019	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	66466	48.830	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	199797	54.005	ug/l	98
94) Hexachlorobutadiene	15.292	225	86008	53.424	ug/l	97
95) Naphthalene	15.427	128	733693	49.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	197730	50.051	ug/l	98

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ClientSampleId :
VSTDCCC050

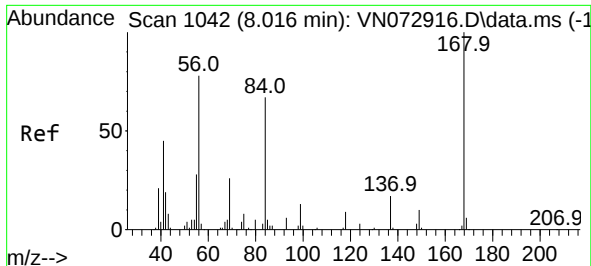
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/23/2022

Quant Time: Jun 23 07:30:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

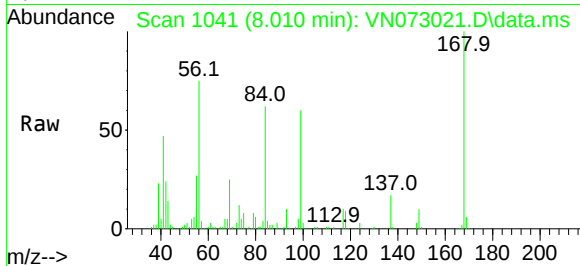
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

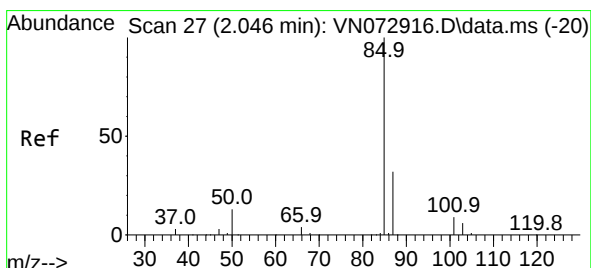
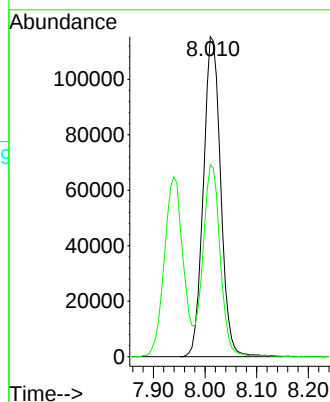
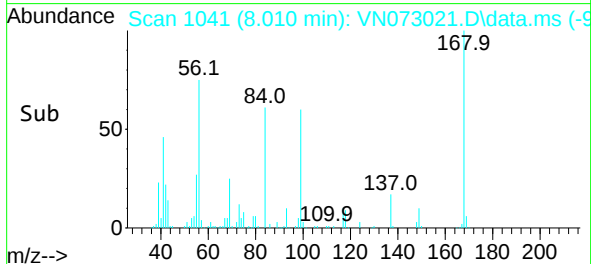
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 26818
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5

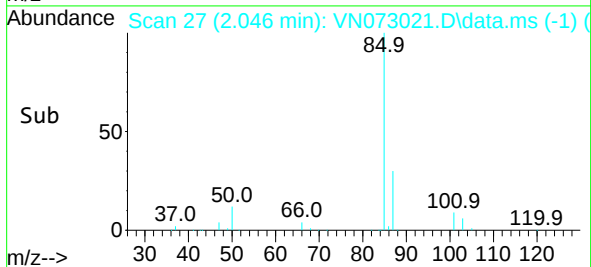
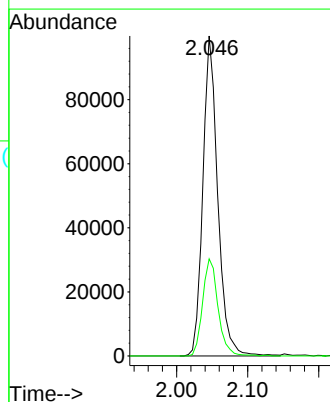
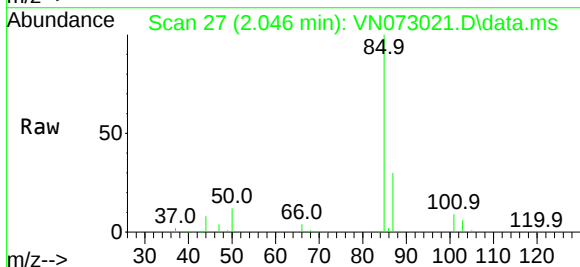
Manual Integrations
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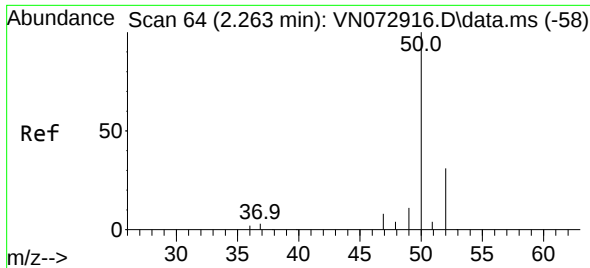
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#2
Dichlorodifluoromethane
Concen: 57.068 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

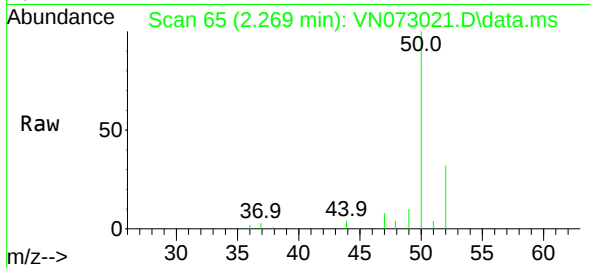
Tgt Ion: 85 Resp: 145720
Ion Ratio Lower Upper
85 100
87 30.3 15.7 47.1





#3
Chloromethane
Concen: 49.315 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

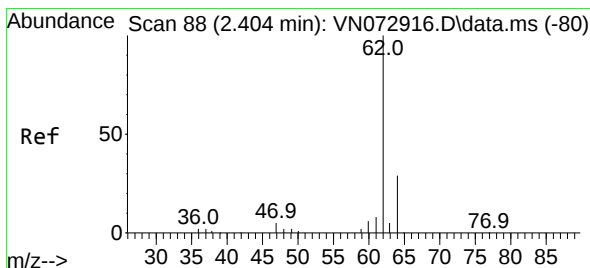
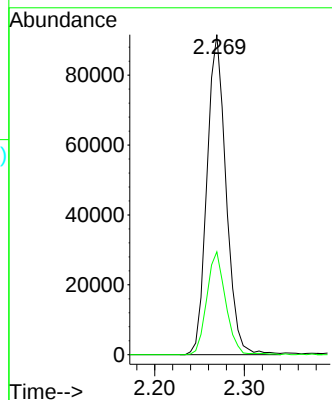
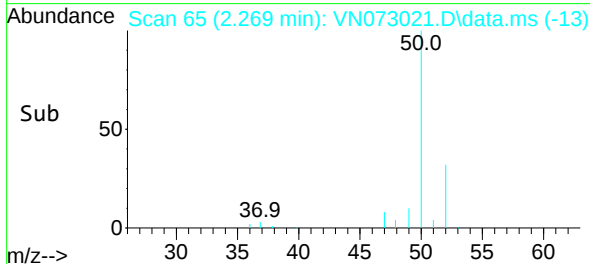
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 135338
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5

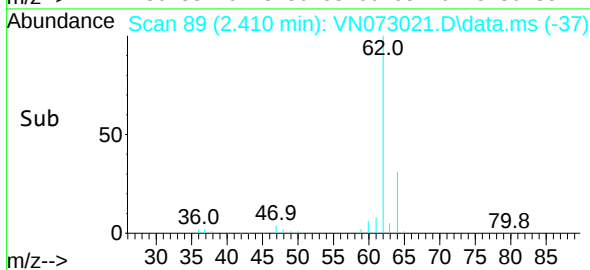
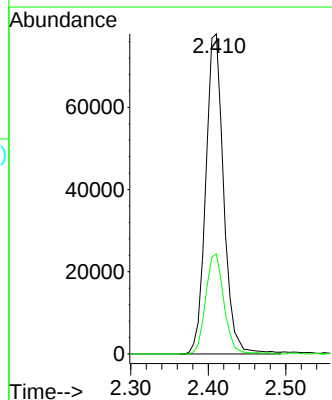
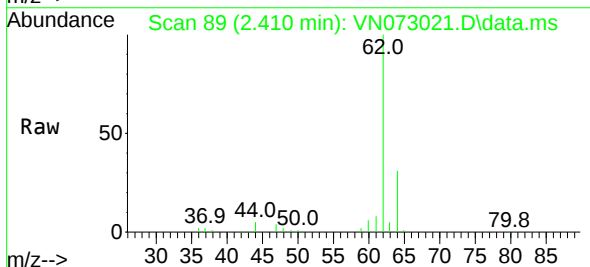
Manual Integrations
APPROVED

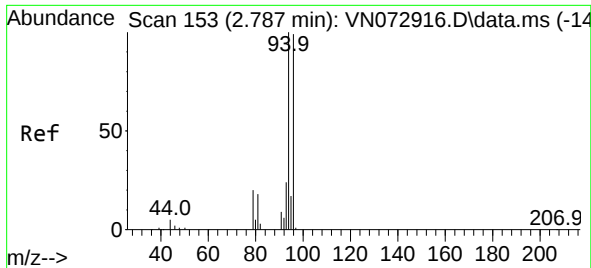
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#4
Vinyl Chloride
Concen: 54.517 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

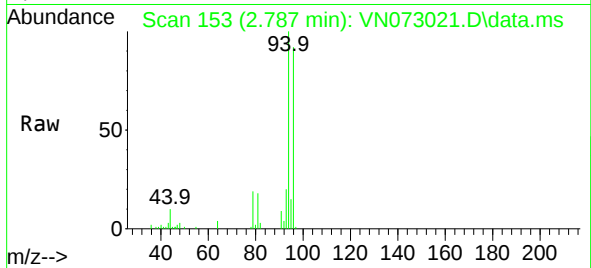
Tgt Ion: 62 Resp: 124839
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.4





#5
Bromomethane
Concen: 59.432 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

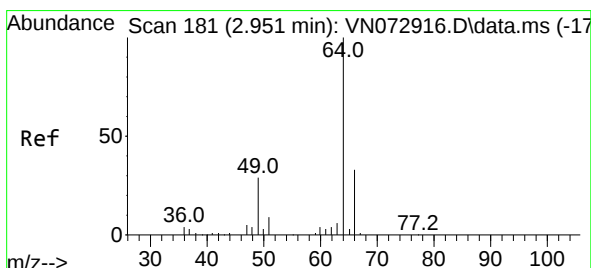
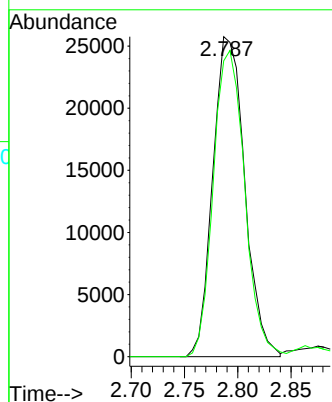
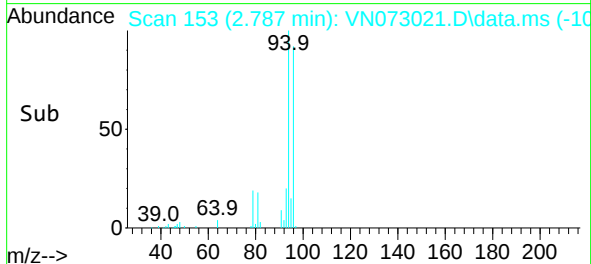
Instrument :
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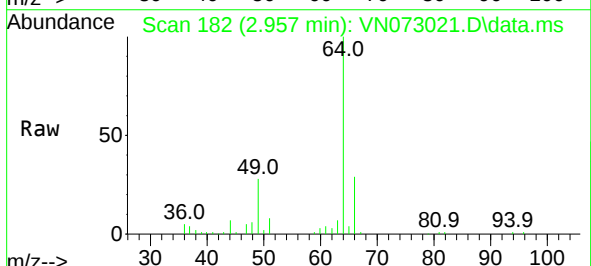
Tgt Ion: 94 Resp: 53574
Ion Ratio Lower Upper
94 100
96 92.5 76.0 114.0

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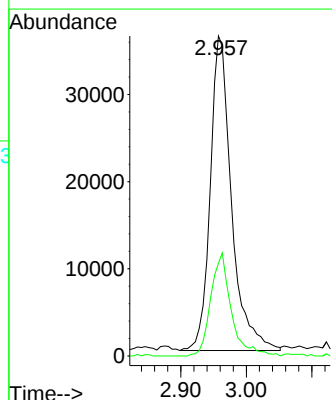
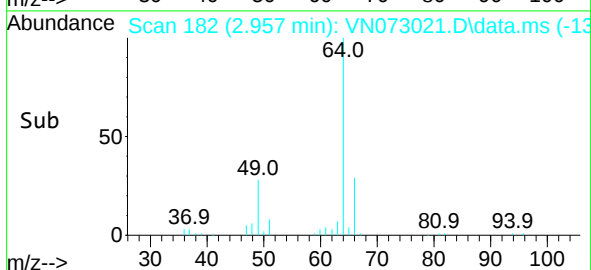
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#6
Chloroethane
Concen: 56.805 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



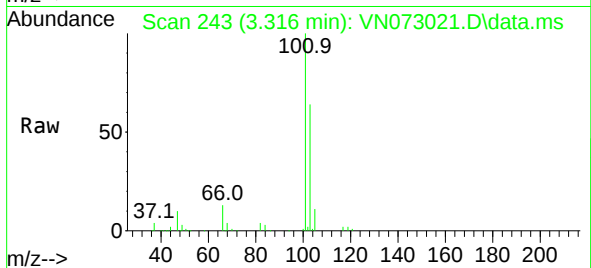
Tgt Ion: 64 Resp: 81380
Ion Ratio Lower Upper
64 100
66 29.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 63.021 ug/l
RT: 3.316 min Scan# 241
Delta R.T. 0.012 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

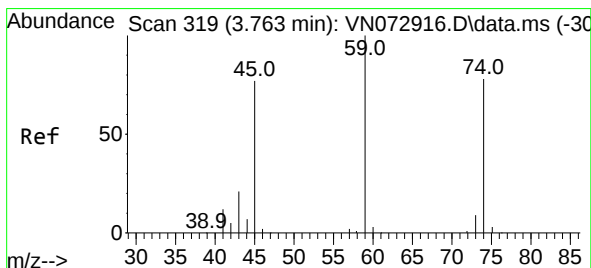
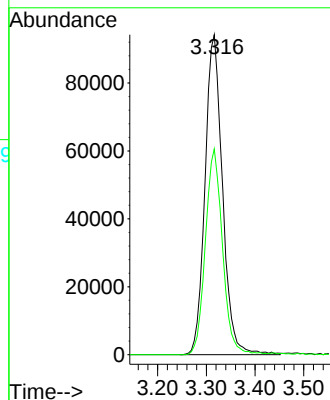
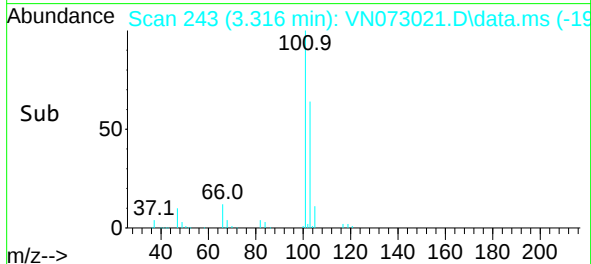
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 23500
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

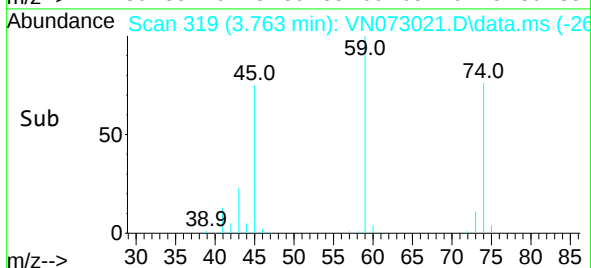
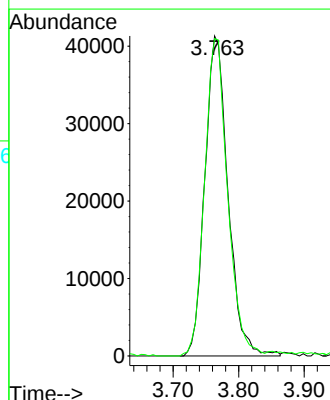
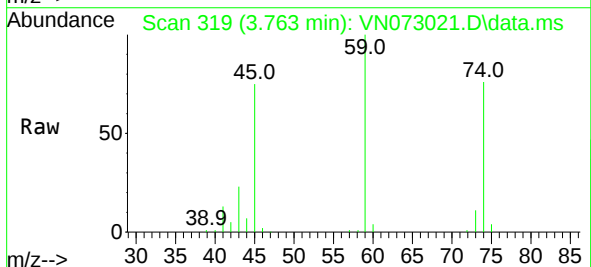
Manual Integrations
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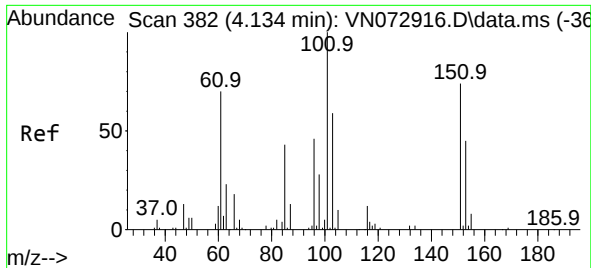
Reviewed By :John Carlone 06/23/2022
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#8
Diethyl Ether
Concen: 52.775 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073021.D
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Tgt Ion: 74 Resp: 101568
Ion Ratio Lower Upper
74 100
45 98.6 42.9 128.5





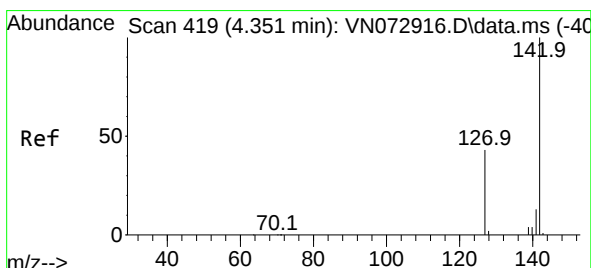
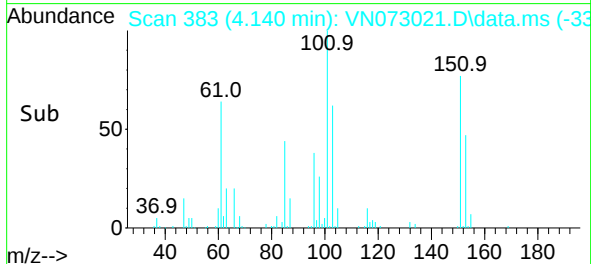
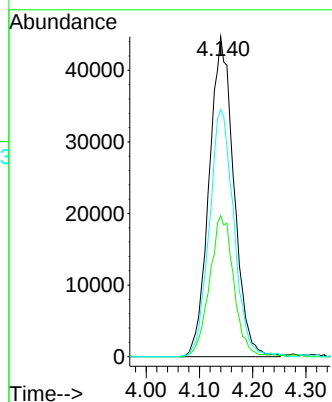
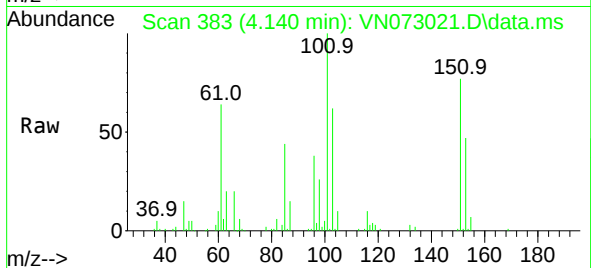
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.963 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

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MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 14425
Ion Ratio Lower Upper
101 100
85 42.9 34.7 52.1
151 76.7 63.0 94.4

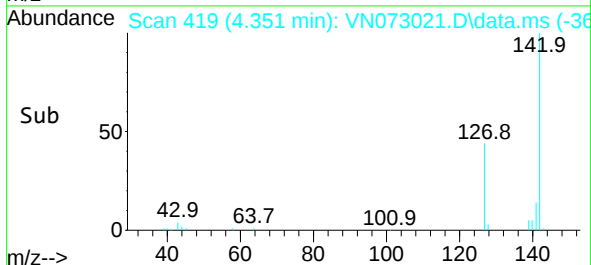
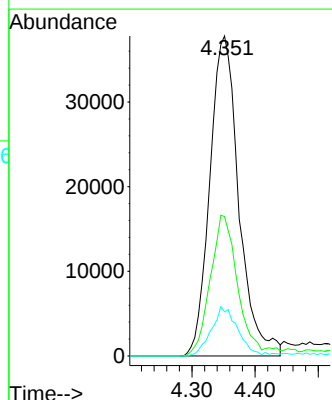
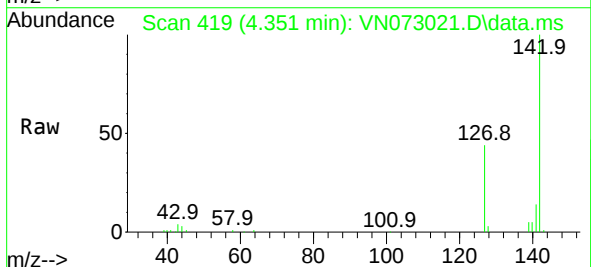
Manual Integrations
APPROVED

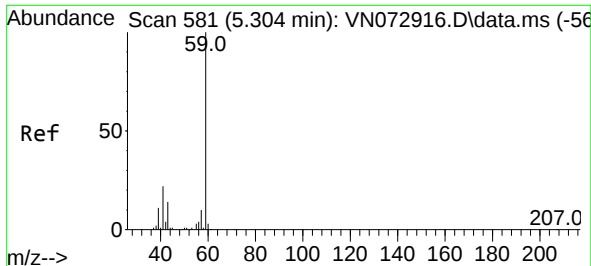
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#10
Methyl Iodide
Concen: 40.819 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

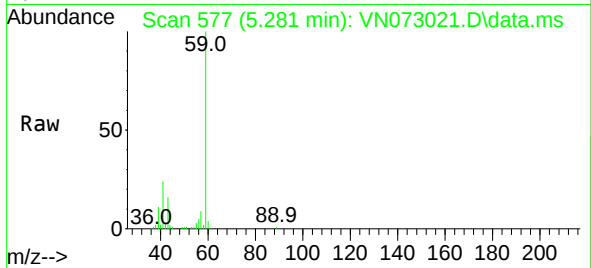
Tgt Ion:142 Resp: 120602
Ion Ratio Lower Upper
142 100
127 41.3 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 222.527 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.023 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

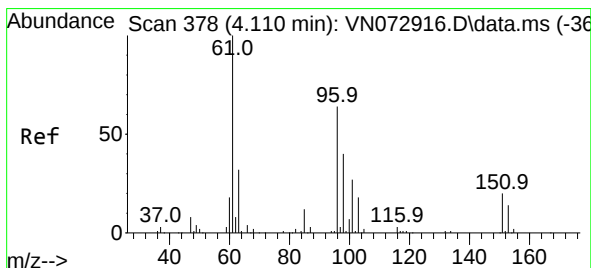
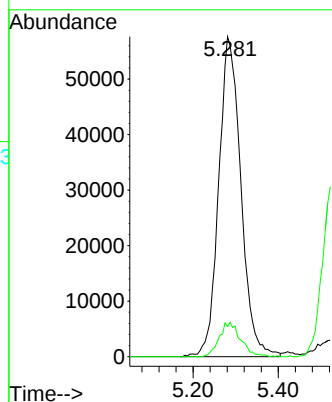
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 20841
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

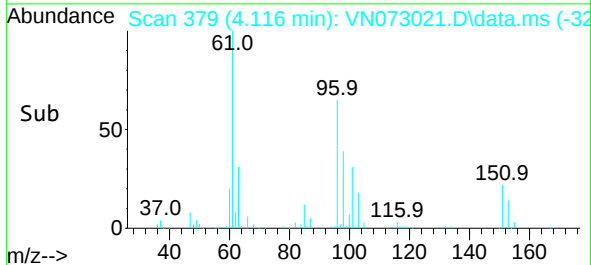
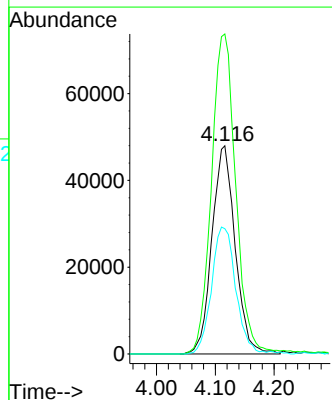
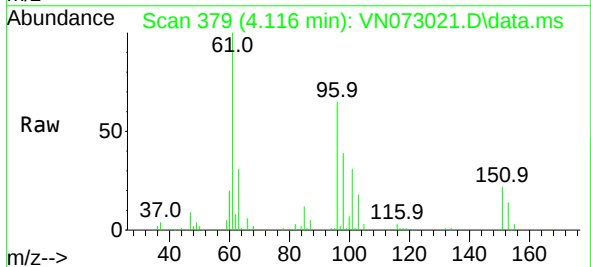
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#12
1,1-Dichloroethene
Concen: 51.426 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Tgt Ion: 96 Resp: 132044
Ion Ratio Lower Upper
96 100
61 153.8 127.6 191.4
98 60.2 51.2 76.8





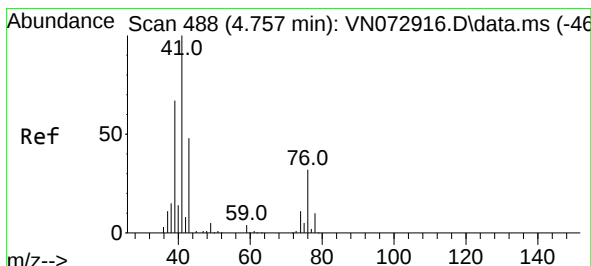
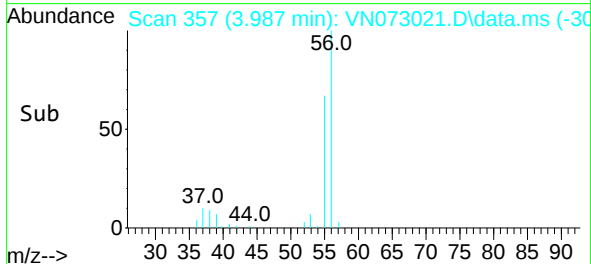
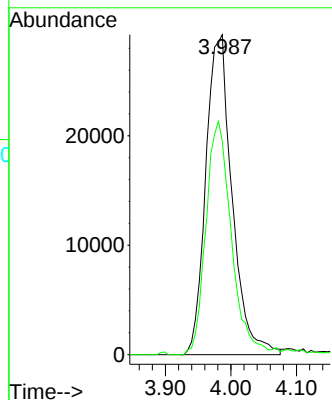
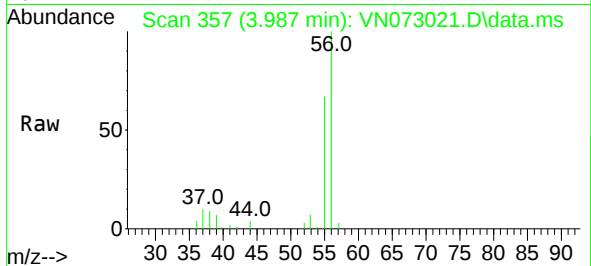
#13
Acrolein
Concen: 220.850 ug/l
RT: 3.987 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 81464
Ion Ratio Lower Upper
56 100
55 71.0 54.8 82.2

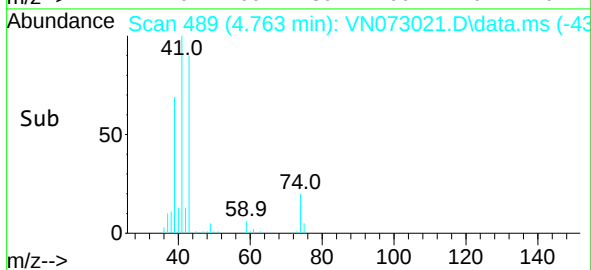
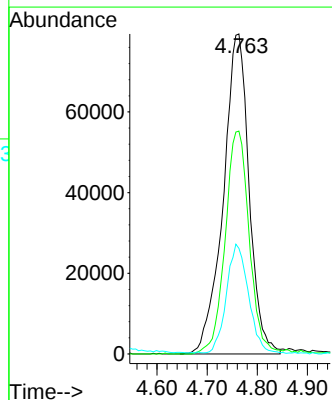
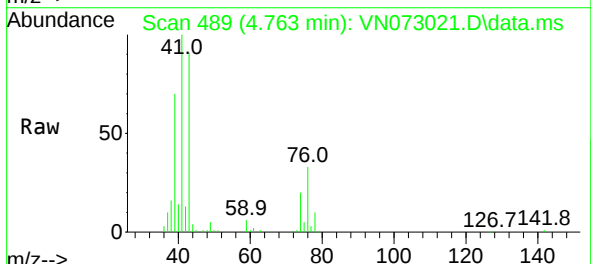
Manual Integrations
APPROVED

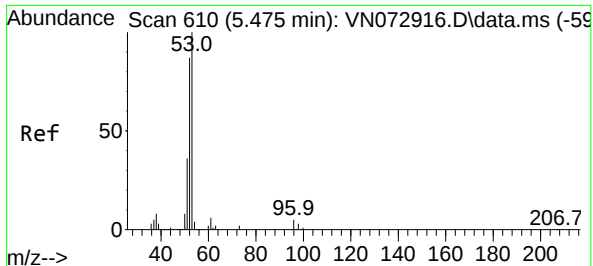
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#14
Allyl chloride
Concen: 51.737 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

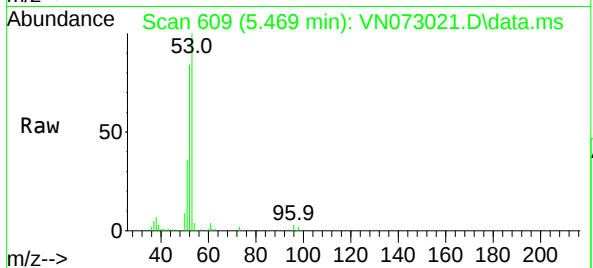
Tgt Ion: 41 Resp: 283817
Ion Ratio Lower Upper
41 100
39 64.9 53.2 79.8
76 29.0 29.9 44.9#





#15
Acrylonitrile
Concen: 257.970 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

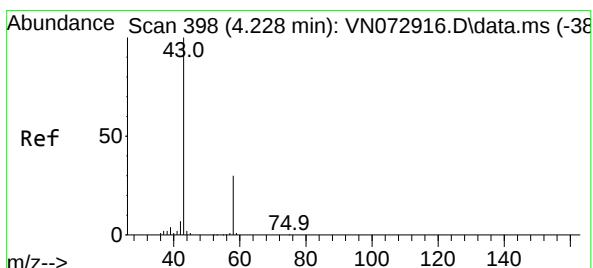
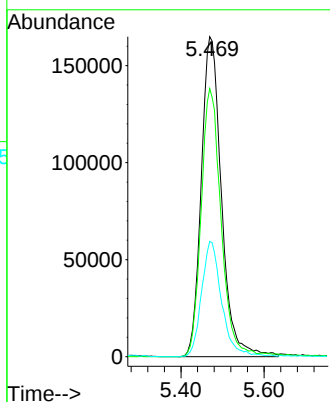
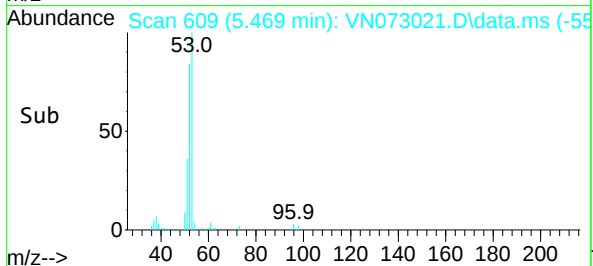
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



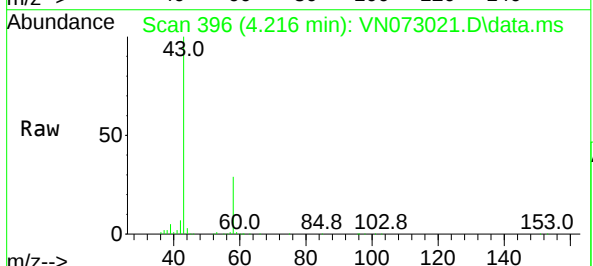
Tgt Ion: 53 Resp: 556963
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.7 28.5 42.7

Manual Integrations
APPROVED

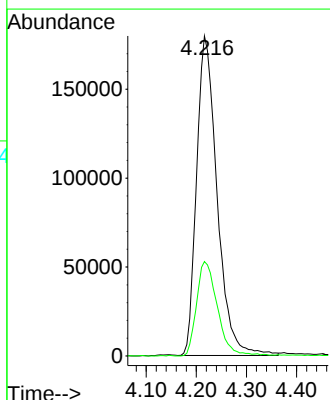
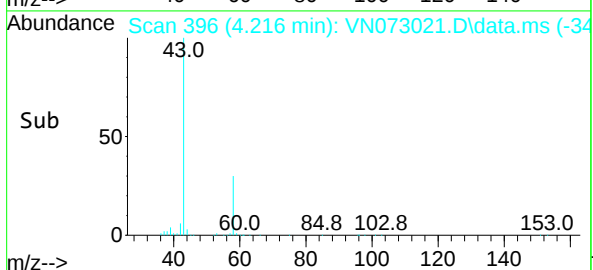
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

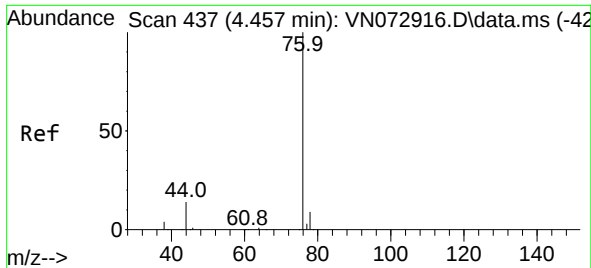


#16
Acetone
Concen: 256.518 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



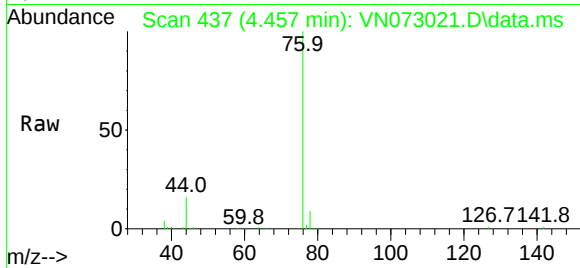
Tgt Ion: 43 Resp: 511255
Ion Ratio Lower Upper
43 100
58 29.5 26.0 39.0





#17
Carbon Disulfide
Concen: 43.758 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

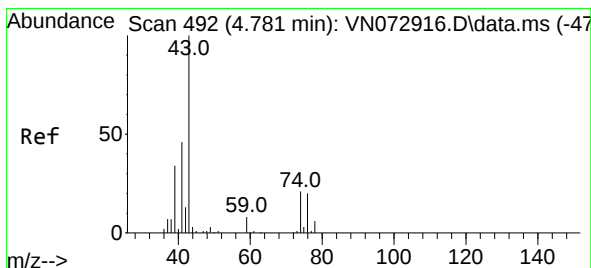
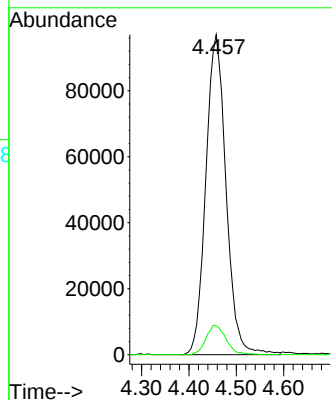
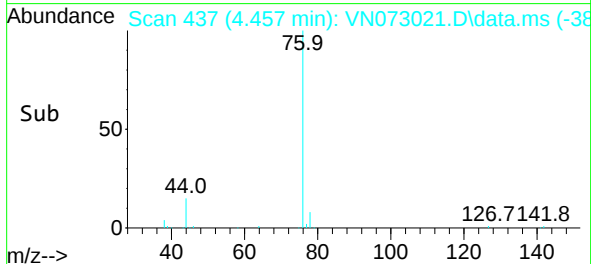
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



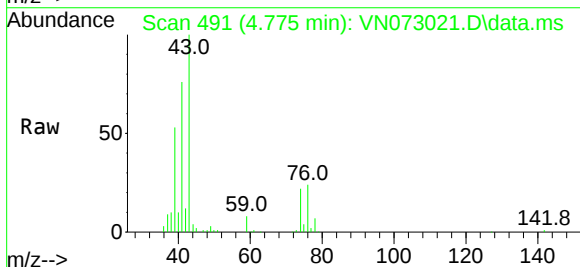
Tgt Ion: 76 Resp: 28786
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

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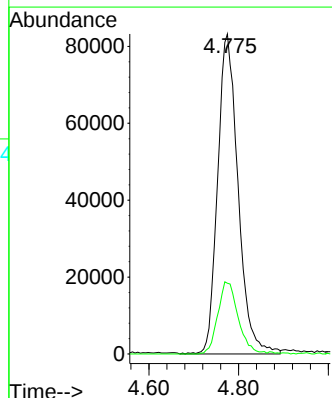
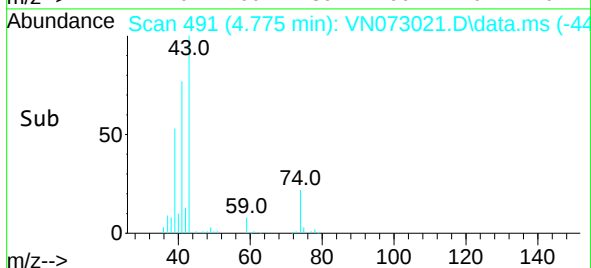
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

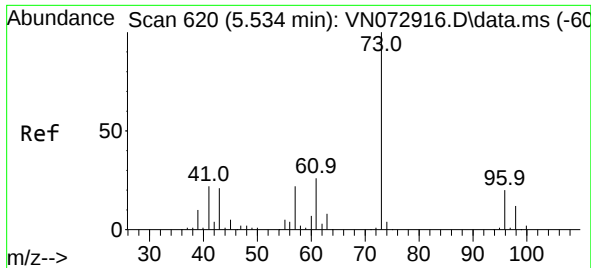


#18
Methyl Acetate
Concen: 49.631 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



Tgt Ion: 43 Resp: 263413
Ion Ratio Lower Upper
43 100
74 22.4 21.6 32.4





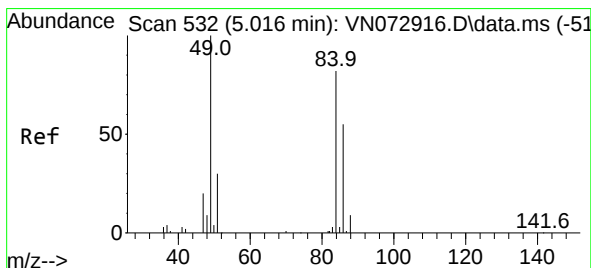
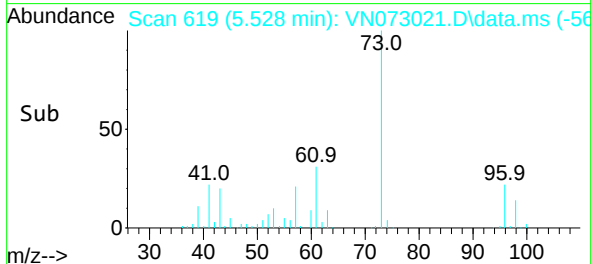
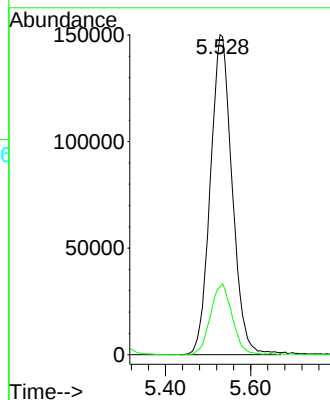
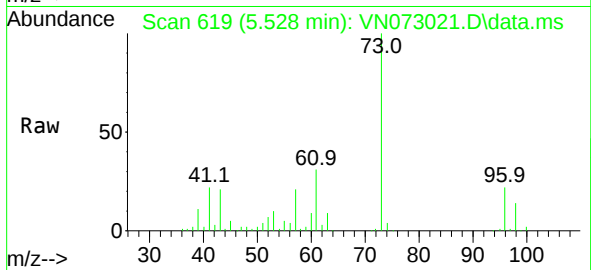
#19
Methyl tert-butyl Ether
Concen: 55.116 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 53148
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

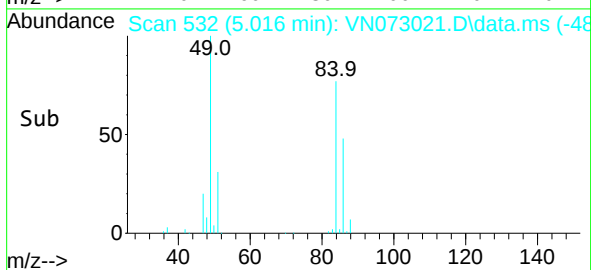
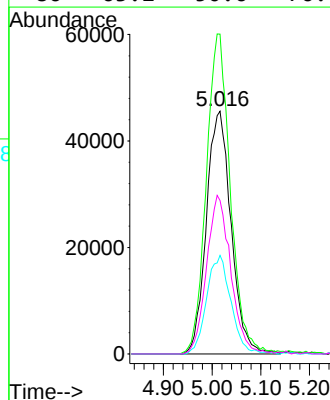
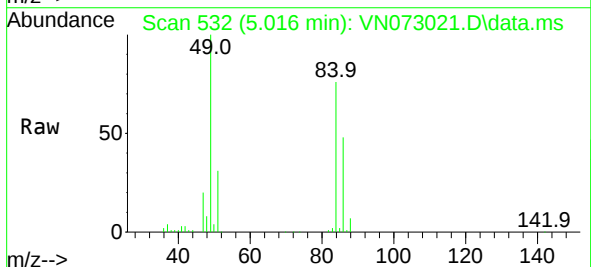
Manual Integrations
APPROVED

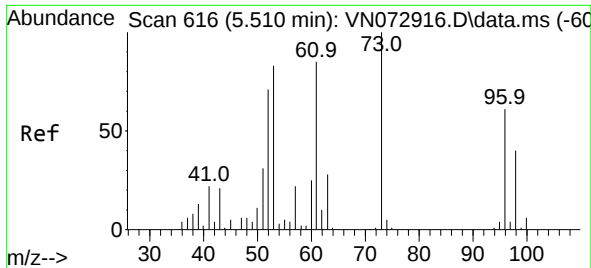
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#20
Methylene Chloride
Concen: 52.017 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

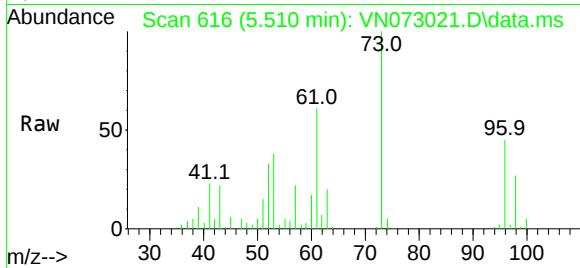
Tgt Ion: 84 Resp: 160777
Ion Ratio Lower Upper
84 100
49 131.7 88.3 132.5
51 40.6 28.2 42.2
86 63.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.575 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

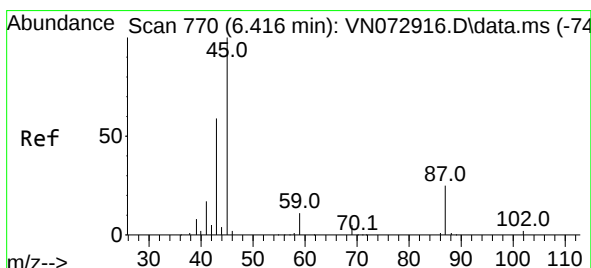
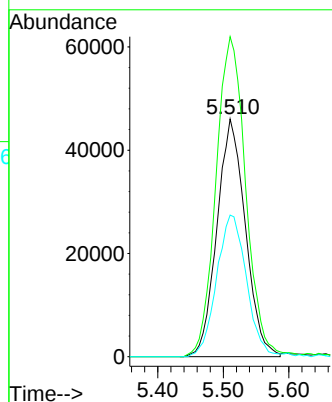
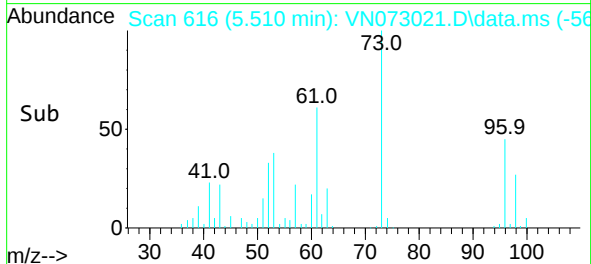
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



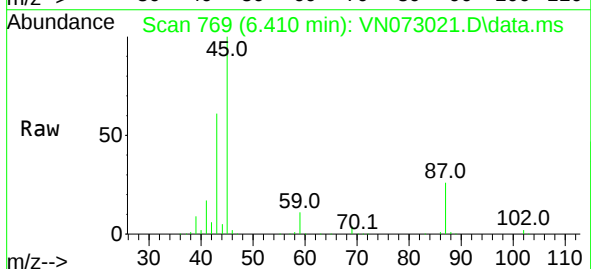
Tgt Ion: 96 Resp: 138462
Ion Ratio Lower Upper
96 100
61 134.6 105.8 158.8
98 59.6 50.3 75.5

Manual Integrations
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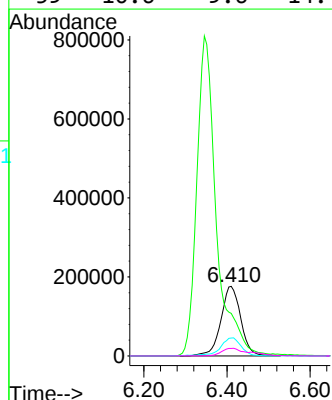
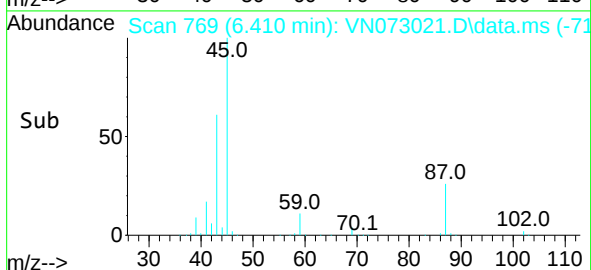
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#22
Diisopropyl ether
Concen: 57.278 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



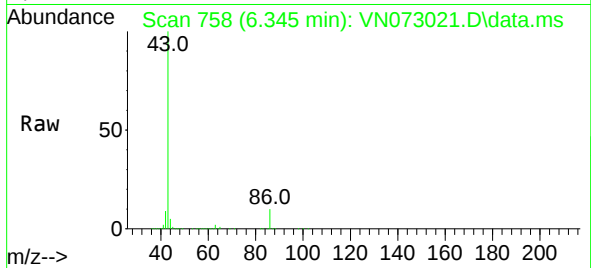
Tgt Ion: 45 Resp: 585765
Ion Ratio Lower Upper
45 100
43 59.4 46.6 70.0
87 25.7 24.3 36.5
59 10.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 279.484 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN073021.D
 Acq: 22 Jun 2022 13:05

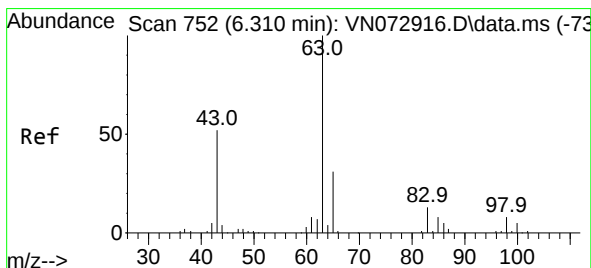
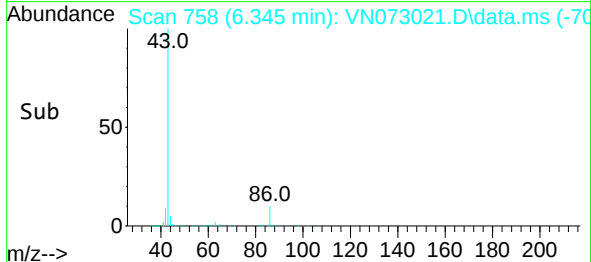
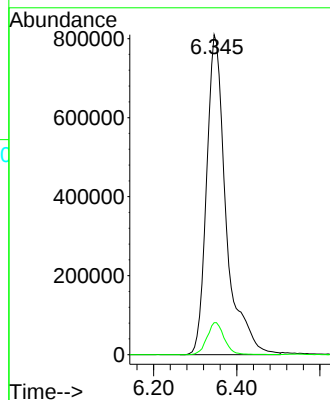
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 263845
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

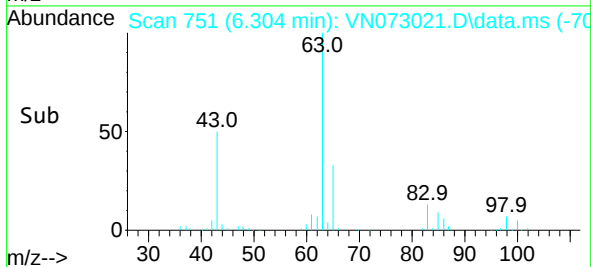
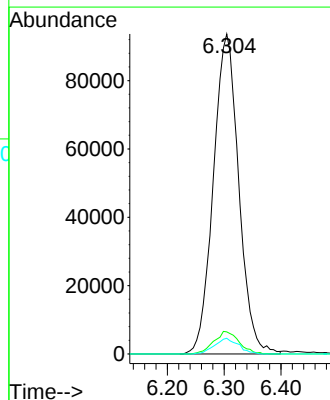
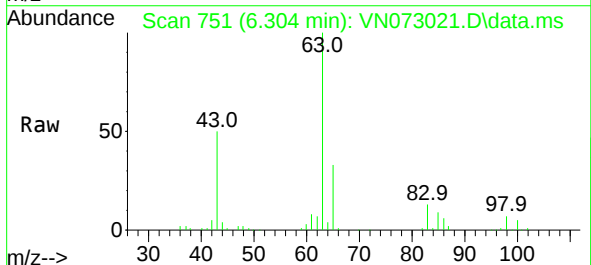
Manual Integrations
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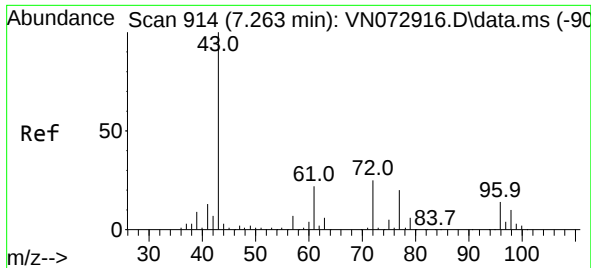
Reviewed By :John Carlone 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022



#24
 1,1-Dichloroethane
 Concen: 54.289 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN073021.D
 Acq: 22 Jun 2022 13:05

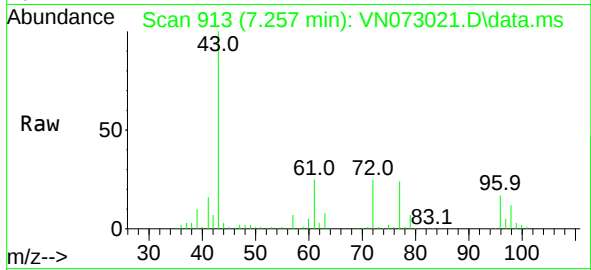
Tgt Ion: 63 Resp: 291074
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 252.292 ug/l
RT: 7.257 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

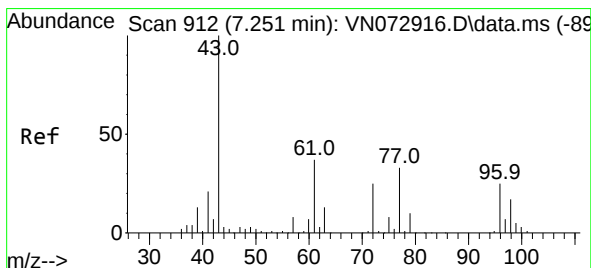
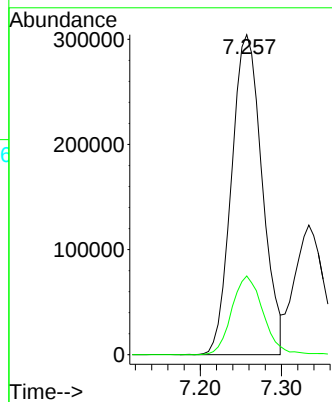
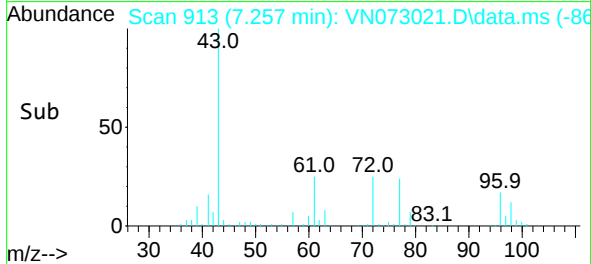
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



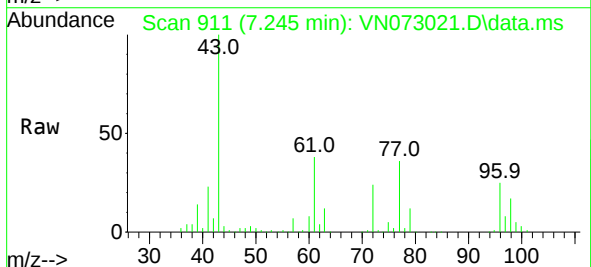
Tgt Ion: 43 Resp: 797918
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5

Manual Integrations
APPROVED

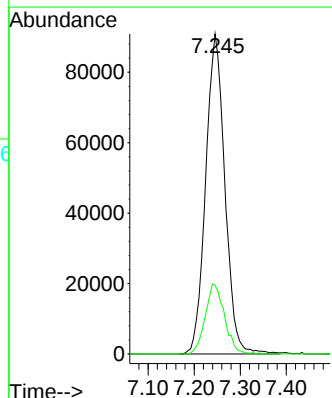
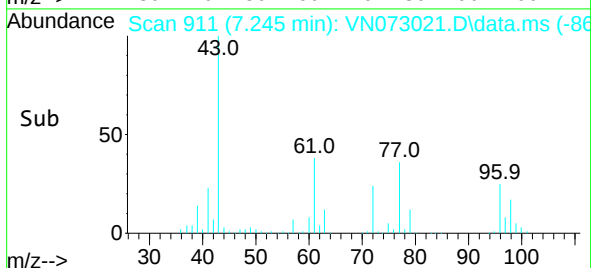
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

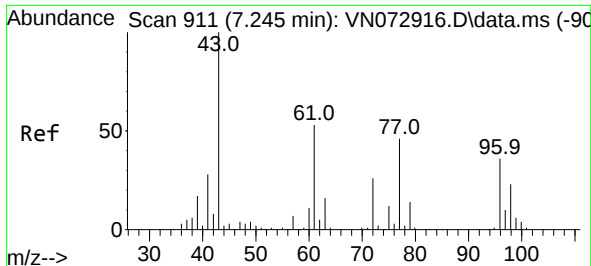


#26
2,2-Dichloropropane
Concen: 59.429 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



Tgt Ion: 77 Resp: 264012
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.521 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 17525

Ion Ratio Lower Upper

96 100

61 148.1 0.0 280.6

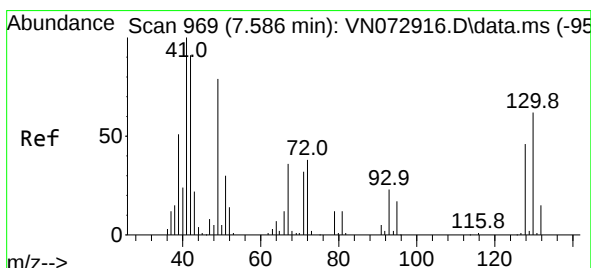
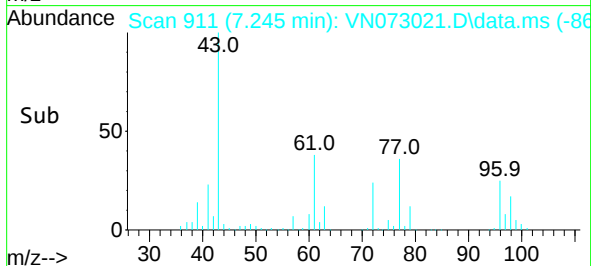
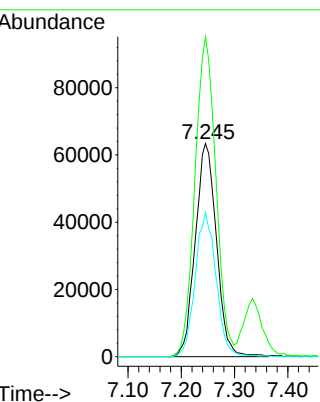
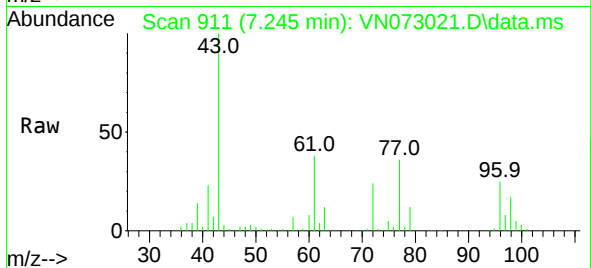
98 66.7 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#28

Bromochloromethane

Concen: 55.128 ug/l

RT: 7.581 min Scan# 968

Delta R.T. -0.006 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

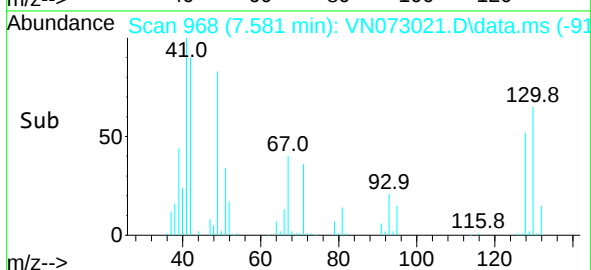
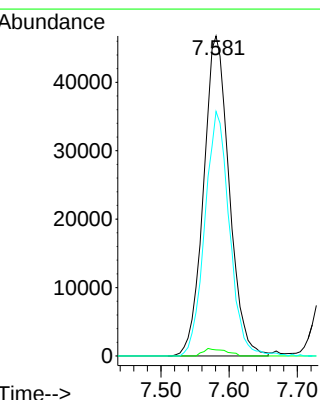
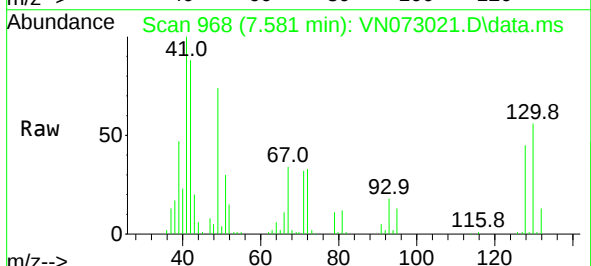
Tgt Ion: 49 Resp: 122240

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

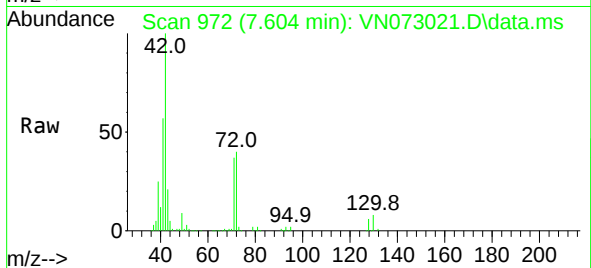
130 73.5 69.7 104.5





#29
Tetrahydrofuran
Concen: 253.654 ug/l
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

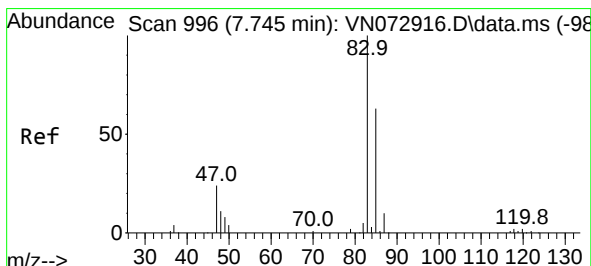
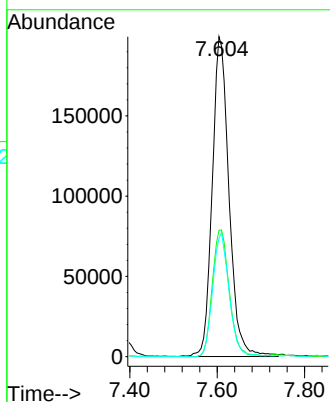
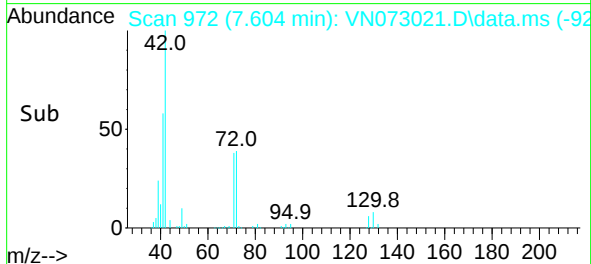
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 52975
Ion Ratio Lower Upper
42 100
72 40.2 39.7 59.5
71 38.0 36.6 55.0

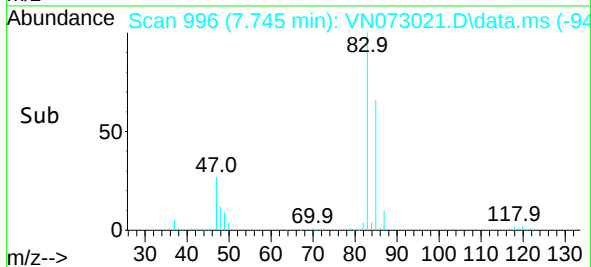
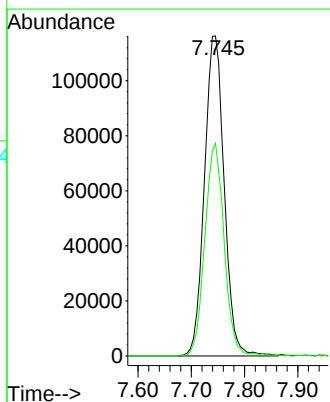
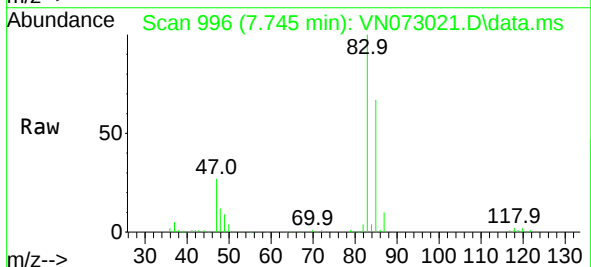
Manual Integrations
APPROVED

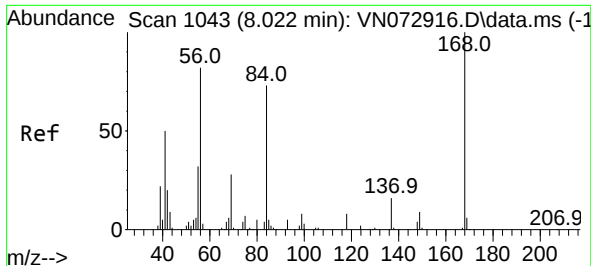
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#30
Chloroform
Concen: 55.171 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

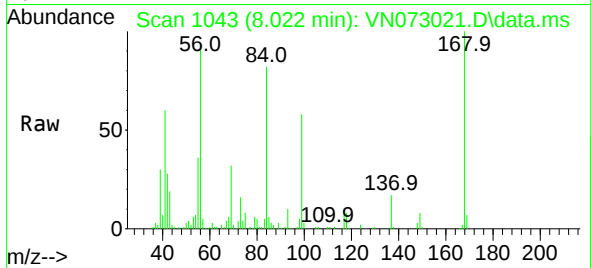
Tgt Ion: 83 Resp: 299455
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.8





#31
Cyclohexane
Concen: 49.942 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

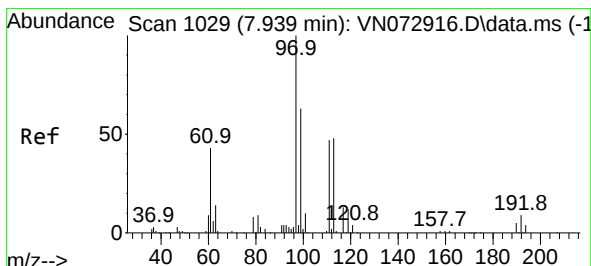
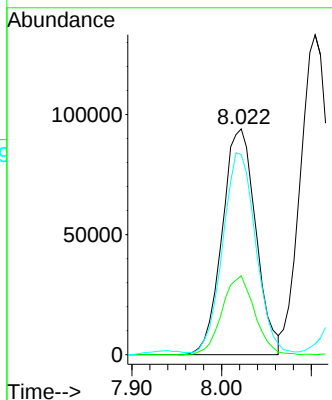
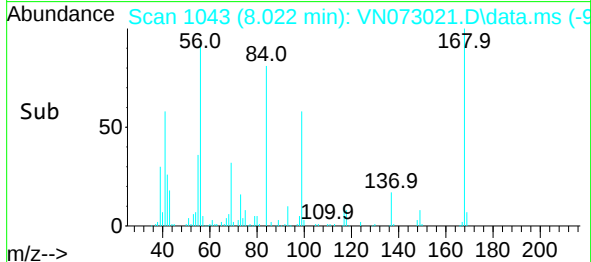
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



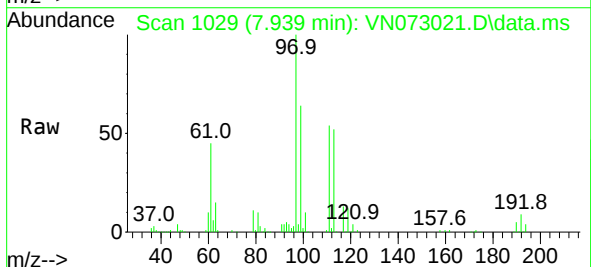
Tgt Ion: 56 Resp: 24494
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.8
84 87.2 76.9 115.3

Manual Integrations
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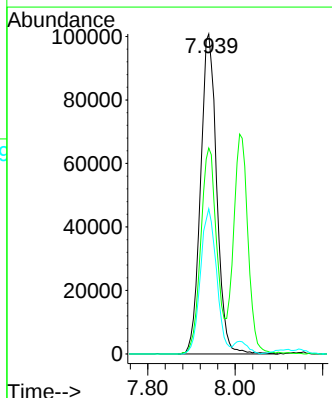
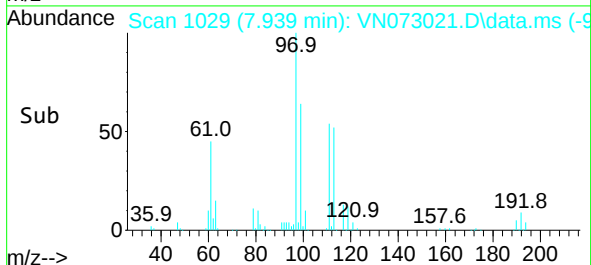
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

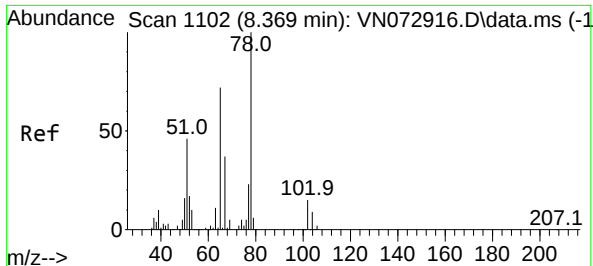


#32
1,1,1-Trichloroethane
Concen: 54.414 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



Tgt Ion: 97 Resp: 259179
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 45.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 52.648 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 190890

Ion Ratio Lower Upper

65 100

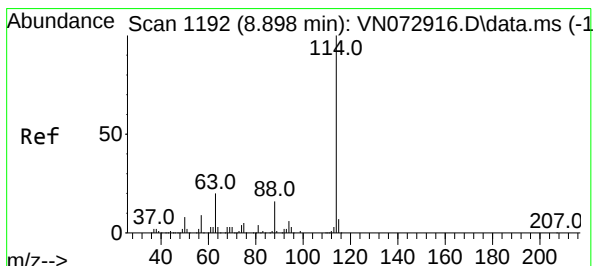
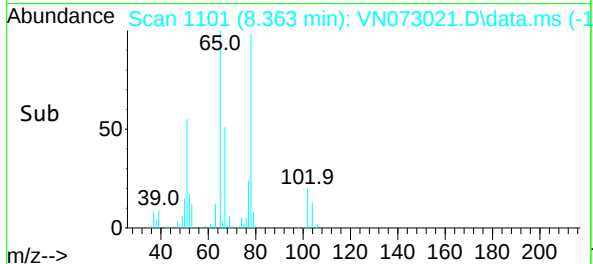
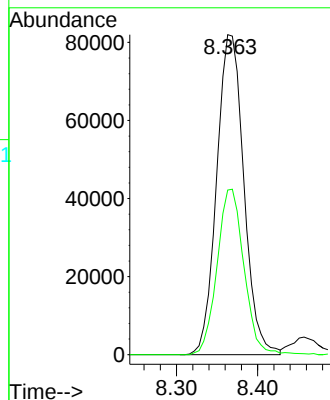
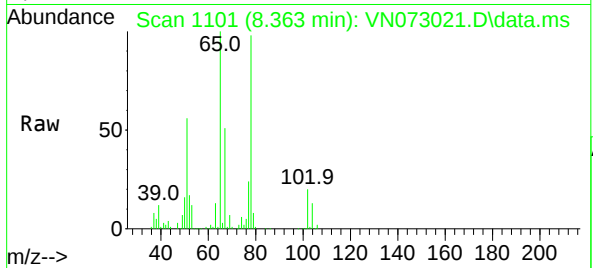
67 51.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

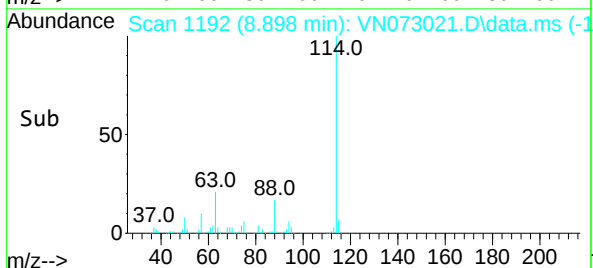
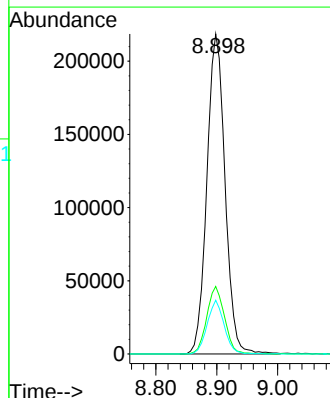
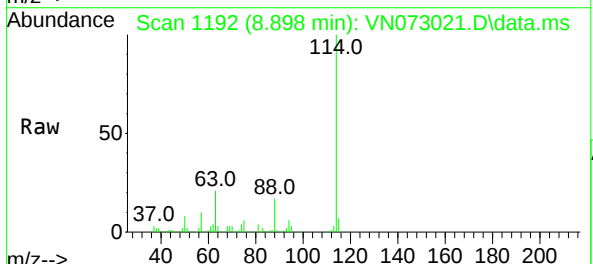
Tgt Ion:114 Resp: 453335

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

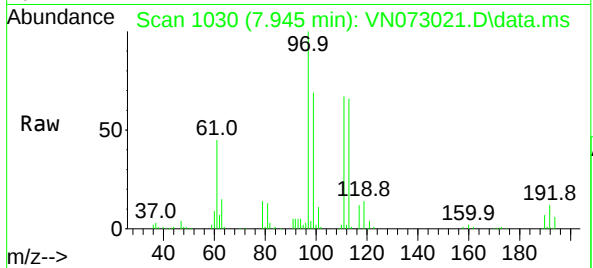
88 16.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.280 ug/l
RT: 7.945 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

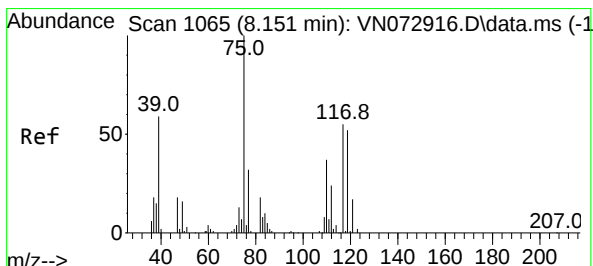
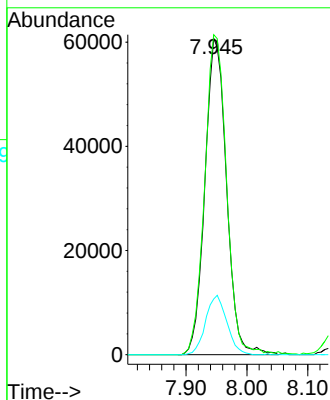
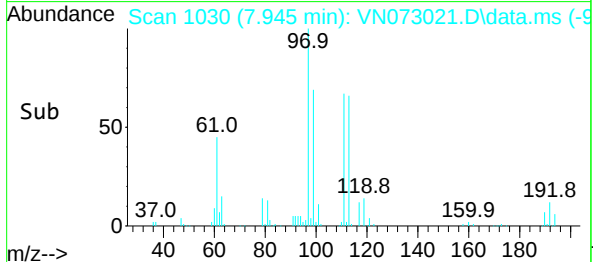
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



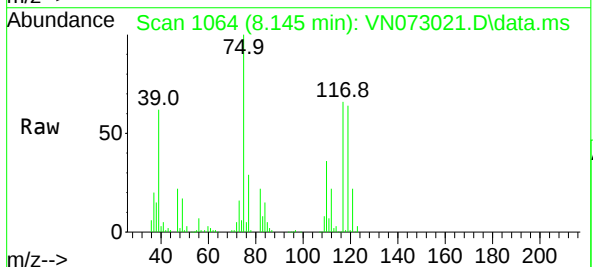
Tgt Ion: 113 Resp: 14929
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 18.5 17.0 25.6

Manual Integrations
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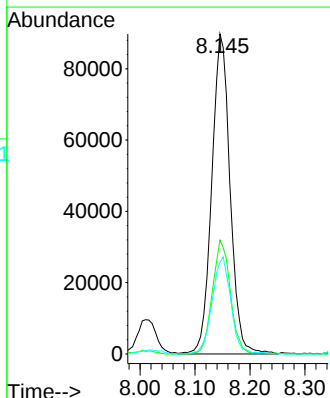
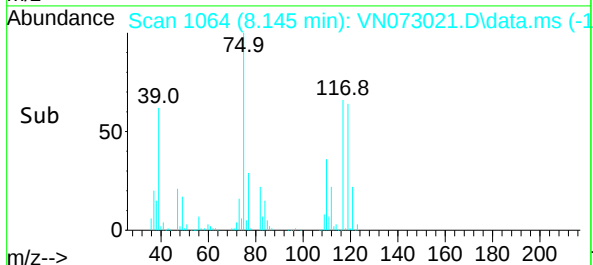
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#36
1,1-Dichloropropene
Concen: 54.801 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



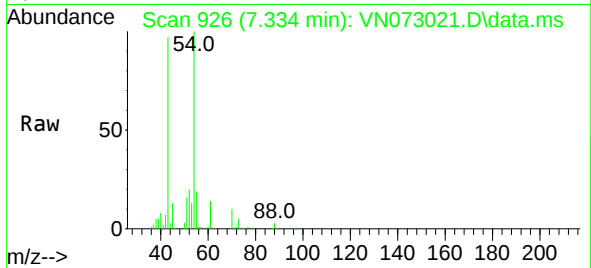
Tgt Ion: 75 Resp: 207775
Ion Ratio Lower Upper
75 100
110 35.0 18.3 54.8
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 51.909 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

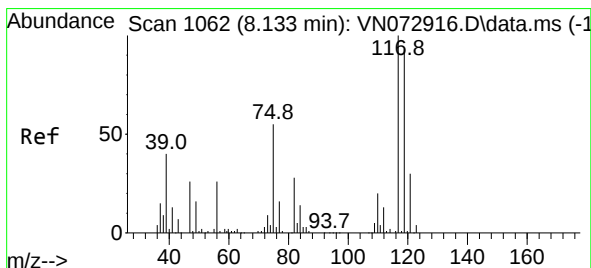
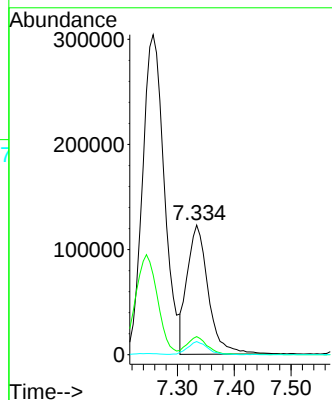
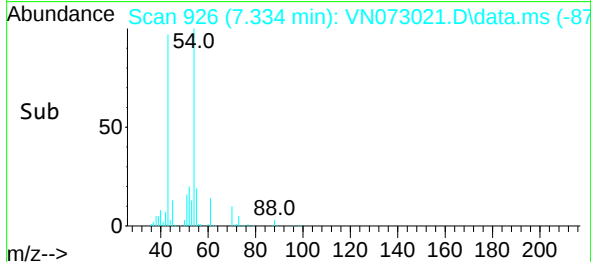
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 31480
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 9.6 9.3 13.9

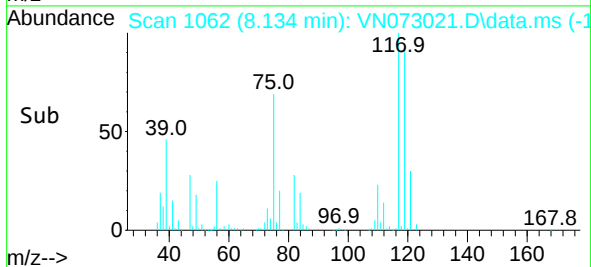
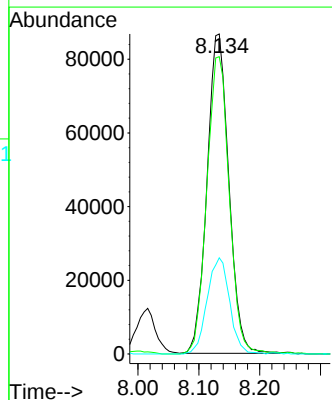
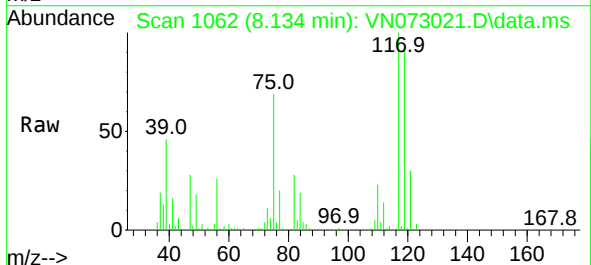
Manual Integrations
APPROVED

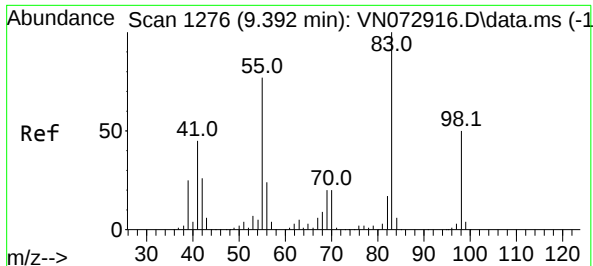
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#38
Carbon Tetrachloride
Concen: 54.151 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Tgt Ion:117 Resp: 215959
Ion Ratio Lower Upper
117 100
119 93.1 75.8 113.8
121 30.1 24.6 37.0





#39

Methylcyclohexane

Concen: 56.193 ug/l

RT: 9.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 256804

Ion Ratio Lower Upper

83 100

55 77.8 57.8 86.8

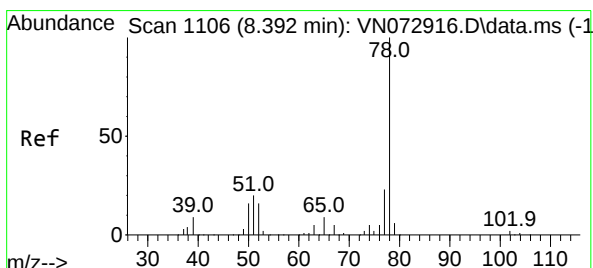
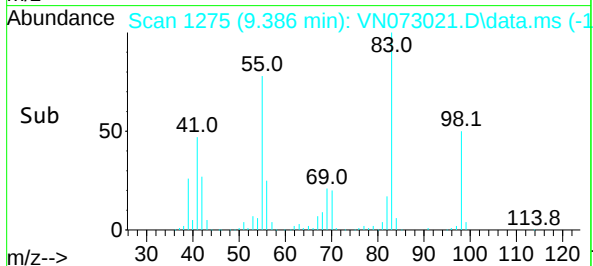
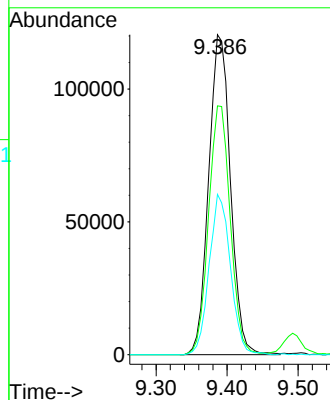
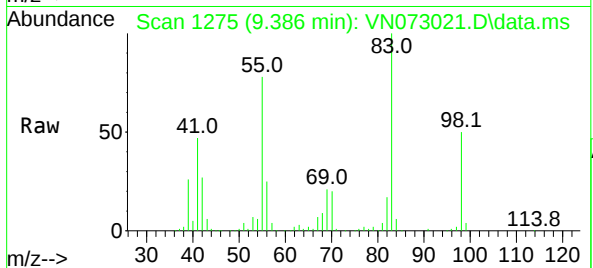
98 50.1 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#40

Benzene

Concen: 54.407 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073021.D

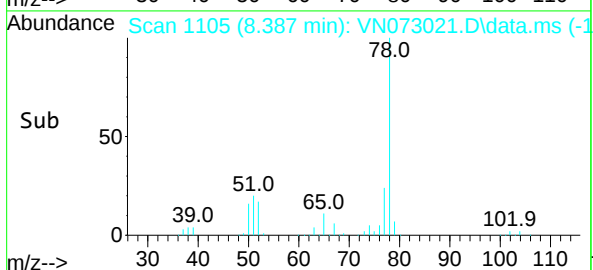
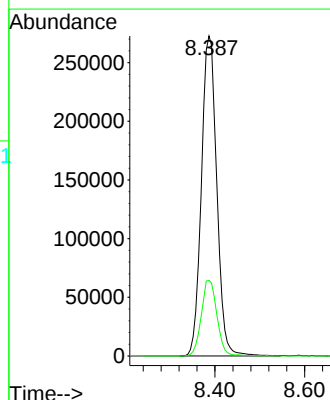
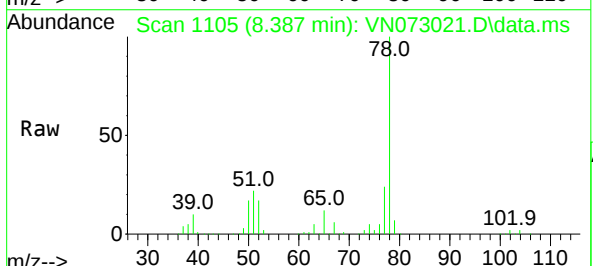
Acq: 22 Jun 2022 13:05

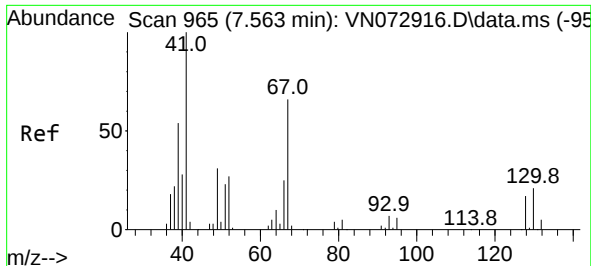
Tgt Ion: 78 Resp: 648290

Ion Ratio Lower Upper

78 100

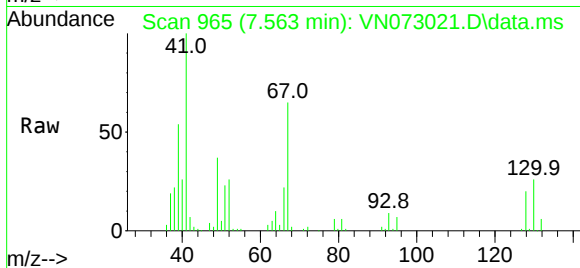
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 53.242 ug/l
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

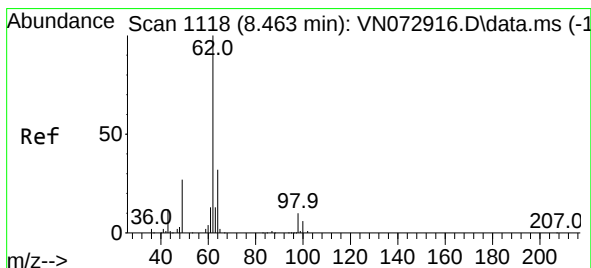
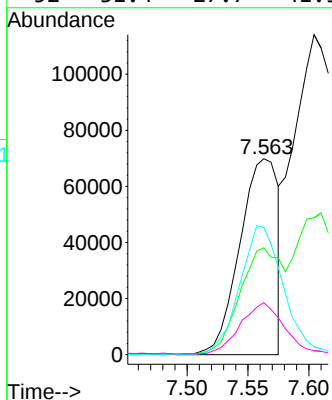
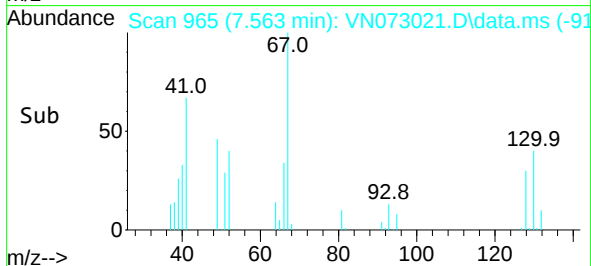
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



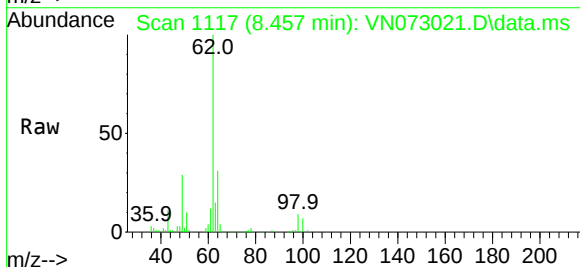
Tgt Ion: 41 Resp: 153111
Ion Ratio Lower Upper
41 100
39 61.2 48.6 73.0
67 75.7 73.4 110.2
52 31.4 27.7 41.5

Manual Integrations
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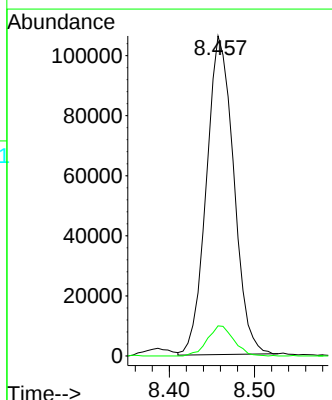
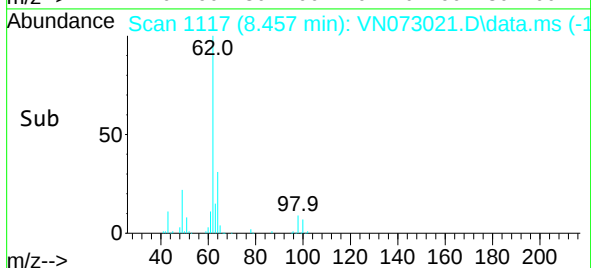
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

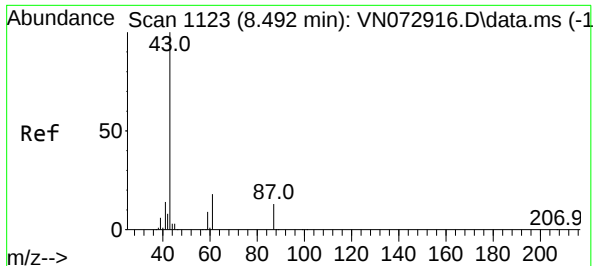


#42
1,2-Dichloroethane
Concen: 55.888 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



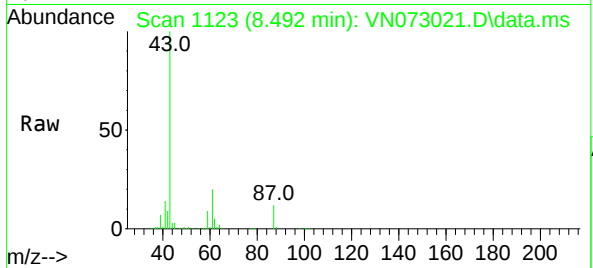
Tgt Ion: 62 Resp: 236529
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 56.452 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

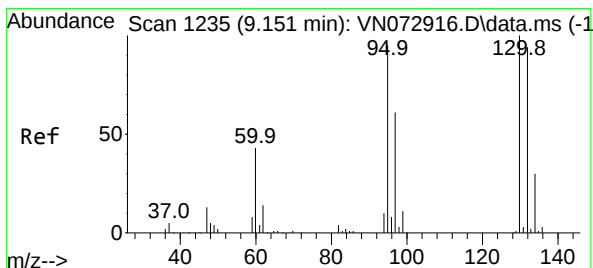
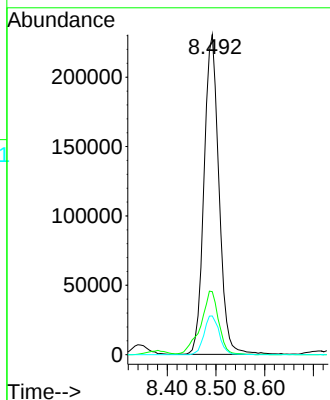
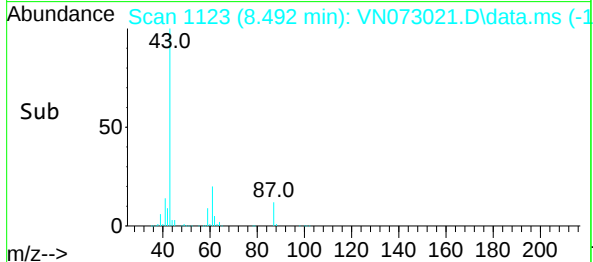
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



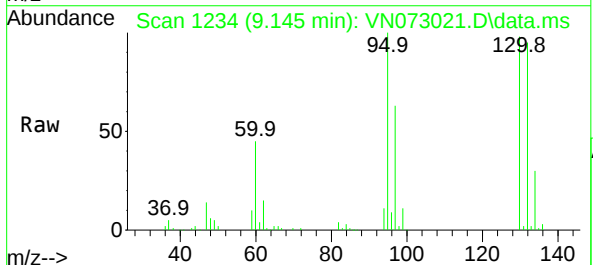
Tgt Ion: 43 Resp: 489375
Ion Ratio Lower Upper
43 100
61 24.1 21.9 32.9
87 12.4 12.0 18.0

Manual Integrations
APPROVED

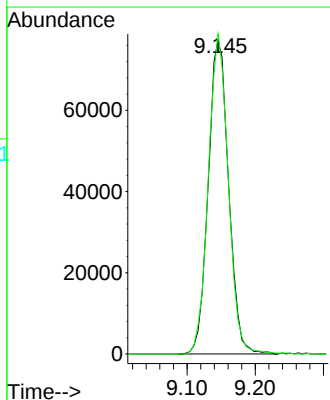
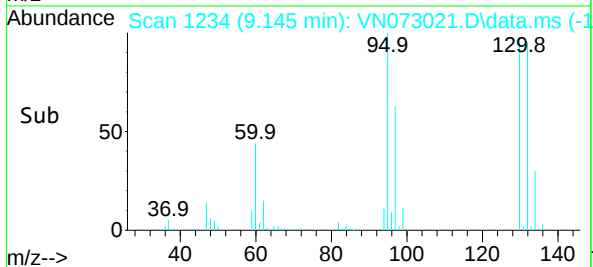
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

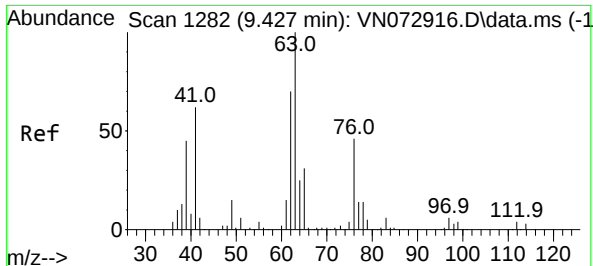


#44
Trichloroethene
Concen: 53.282 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



Tgt Ion:130 Resp: 160891
Ion Ratio Lower Upper
130 100
95 101.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 56.839 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 173118

Ion Ratio Lower Upper

63 100

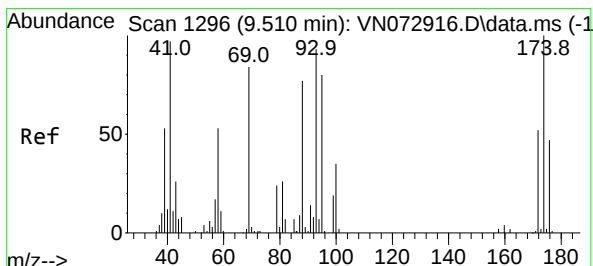
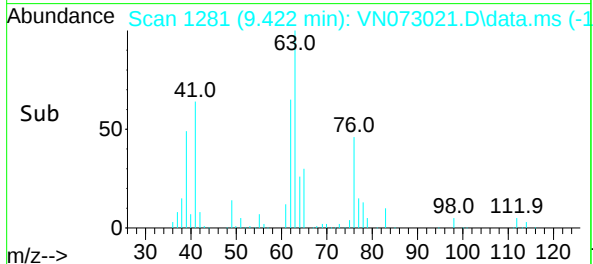
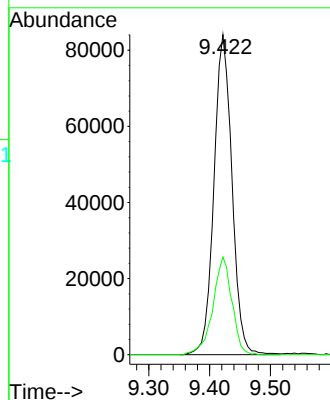
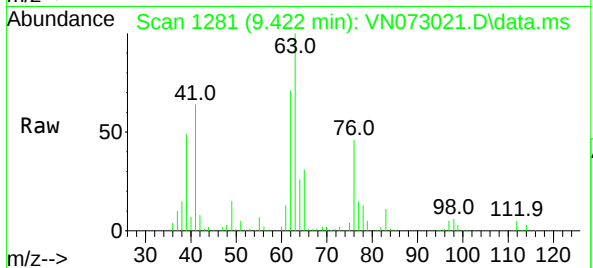
65 30.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#46

Dibromomethane

Concen: 55.399 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

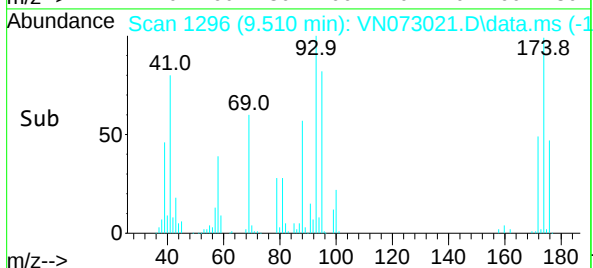
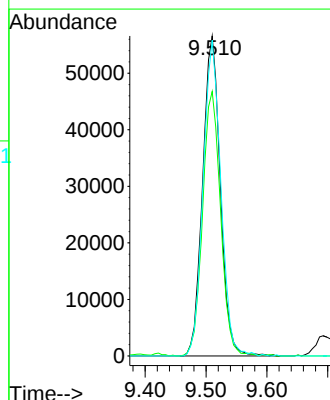
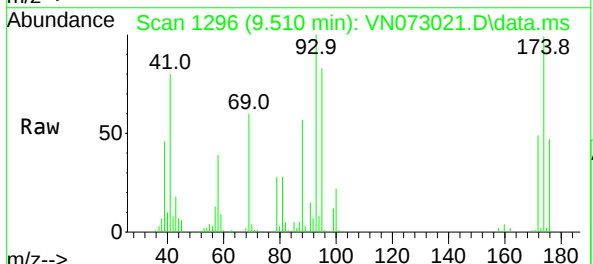
Tgt Ion: 93 Resp: 114091

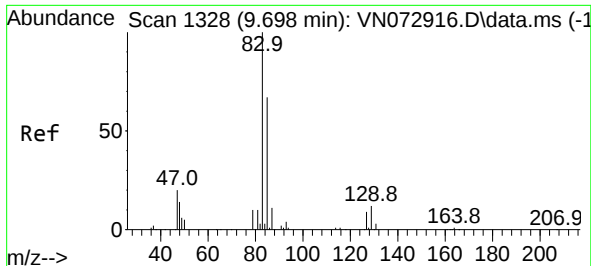
Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

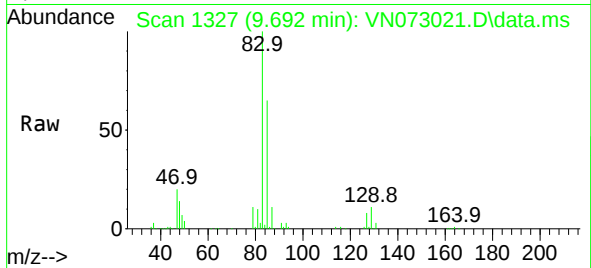
174 98.7 86.6 130.0





#47
Bromodichloromethane
Concen: 58.452 ug/l
RT: 9.692 min Scan# 1328
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

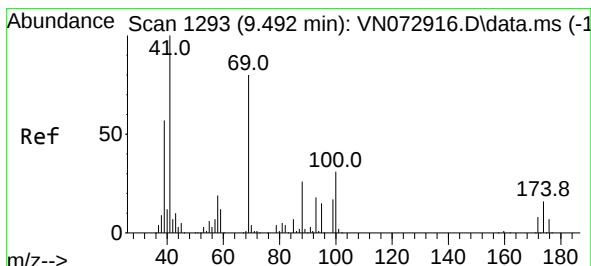
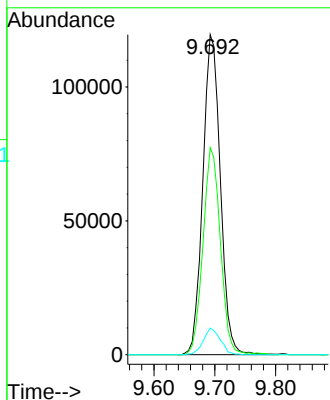
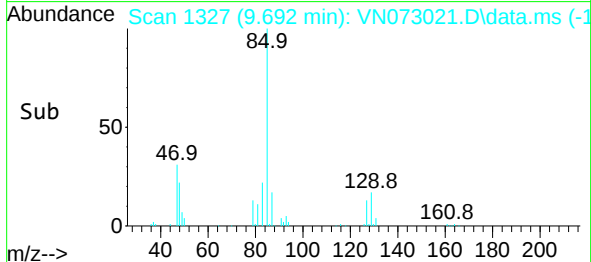
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



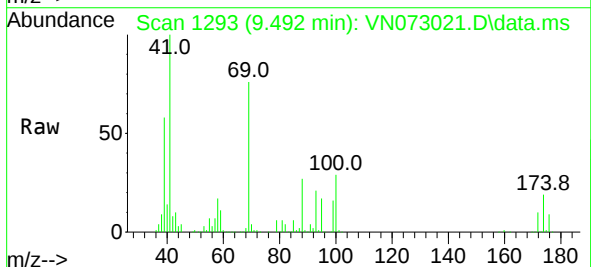
Tgt Ion: 83 Resp: 239238
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7
127 8.3 6.8 10.2

Manual Integrations
APPROVED

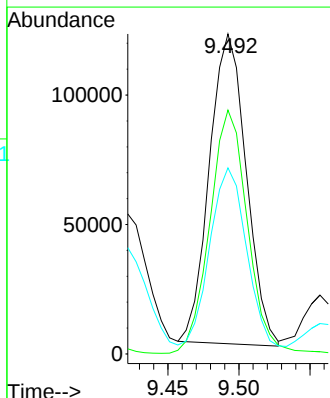
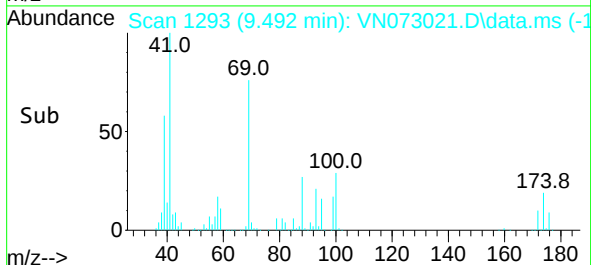
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#48
Methyl methacrylate
Concen: 54.541 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



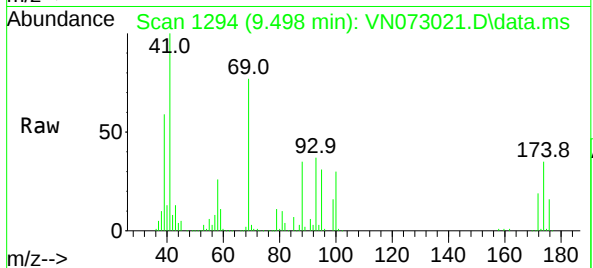
Tgt Ion: 41 Resp: 215871
Ion Ratio Lower Upper
41 100
69 81.2 74.7 112.1
39 62.2 45.6 68.4





#49
1,4-Dioxane
Concen: 922.767 ug/l
RT: 9.498 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

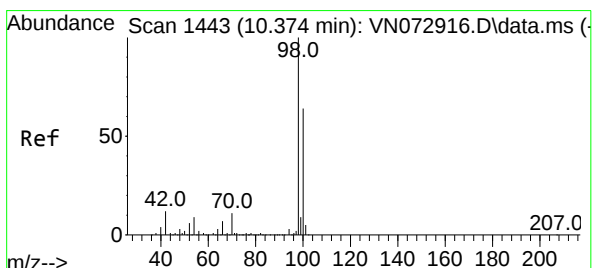
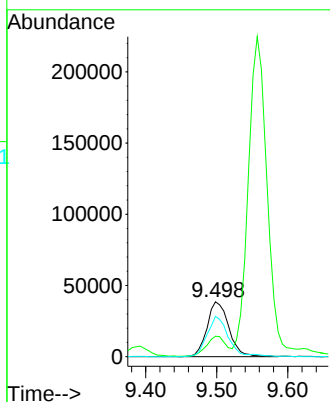
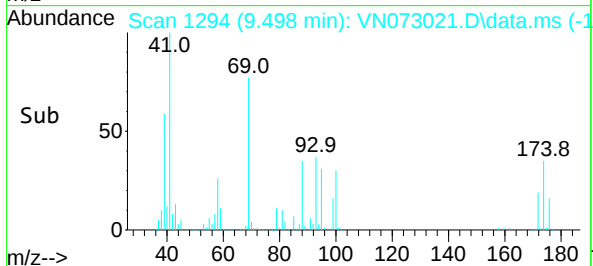
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



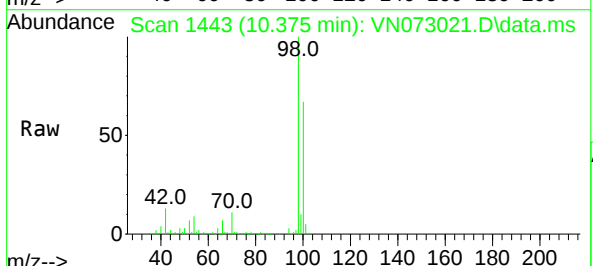
Tgt Ion: 88 Resp: 8217
Ion Ratio Lower Upper
88 100
43 33.9 20.2 30.4
58 72.2 54.2 81.4

Manual Integrations
APPROVED

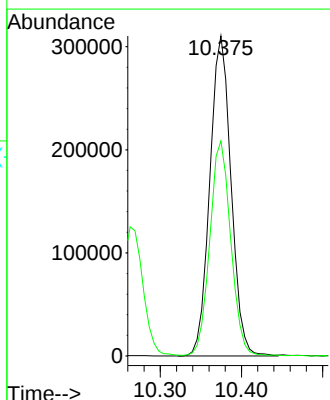
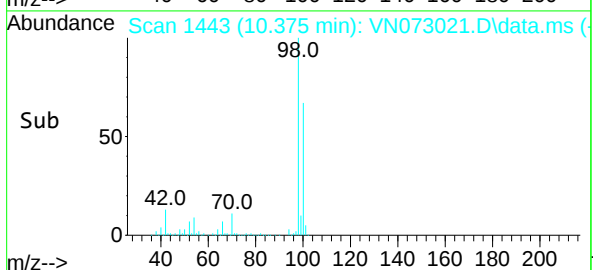
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 53.997 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



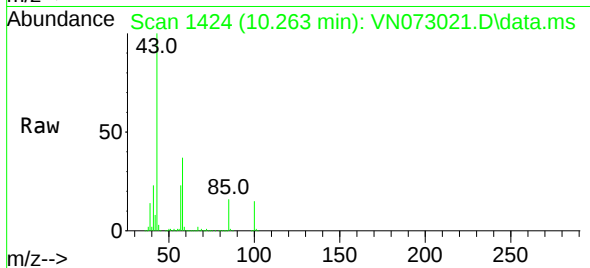
Tgt Ion: 98 Resp: 562995
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 277.808 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

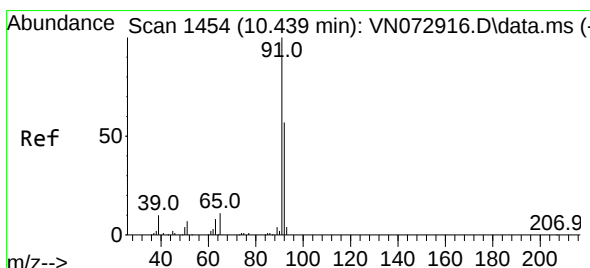
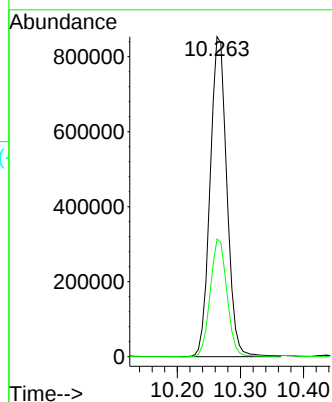
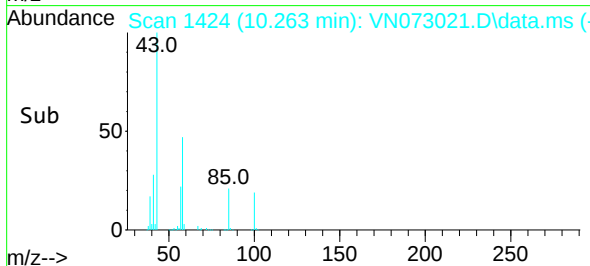
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1570458
Ion Ratio Lower Upper
43 100
58 36.7 34.1 51.1

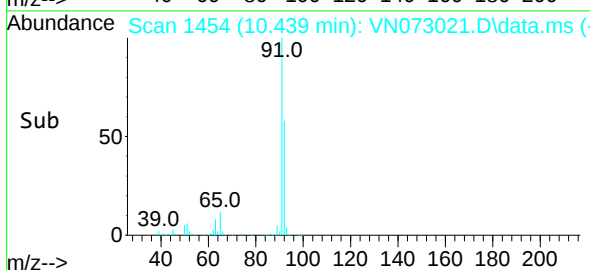
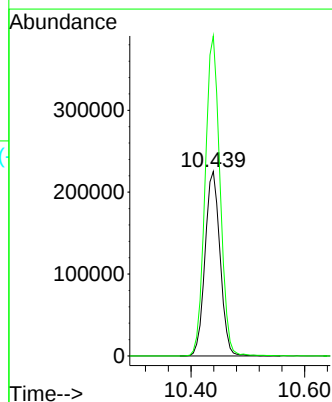
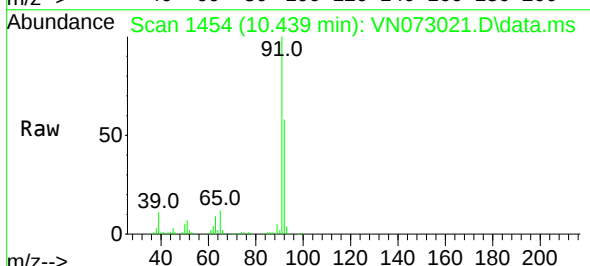
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#52
Toluene
Concen: 56.308 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

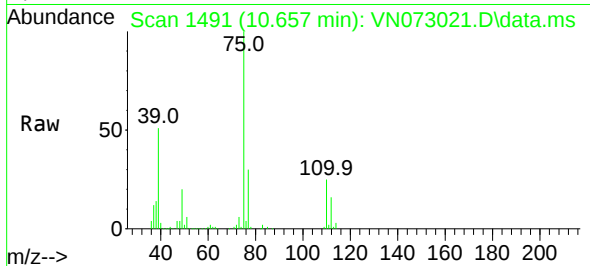
Tgt Ion: 92 Resp: 411926
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 60.354 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

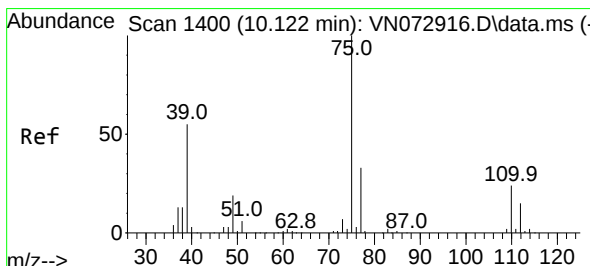
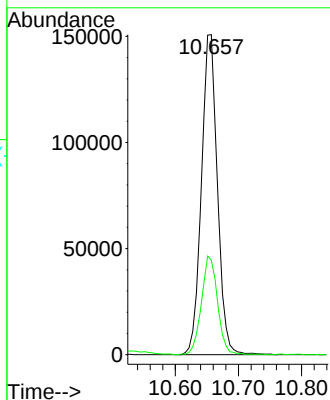
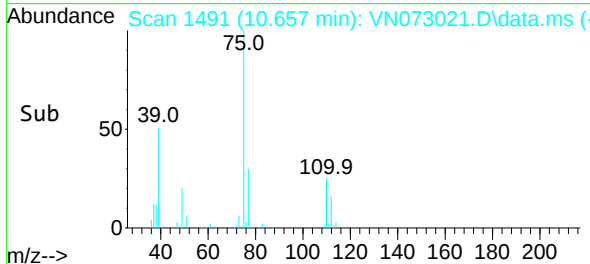
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



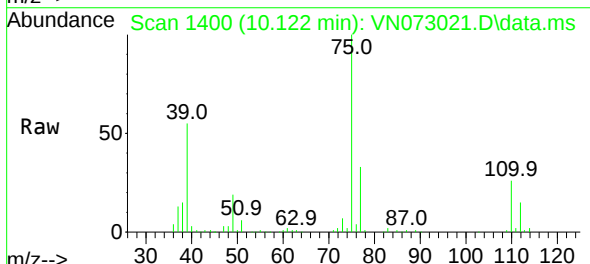
Tgt Ion: 75 Resp: 265660
Ion Ratio Lower Upper
75 100
77 29.5 25.6 38.4

Manual Integrations
APPROVED

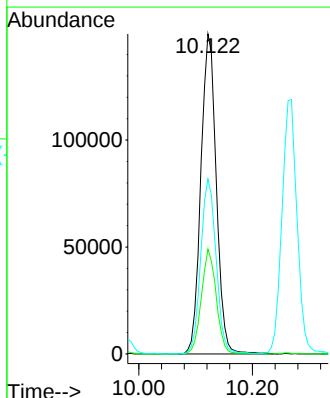
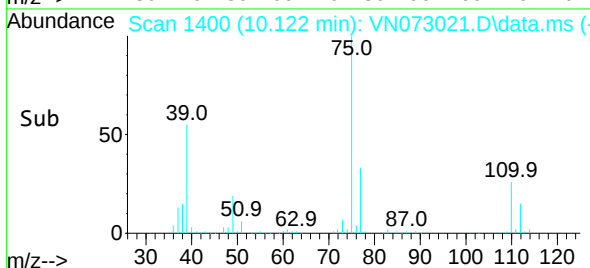
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

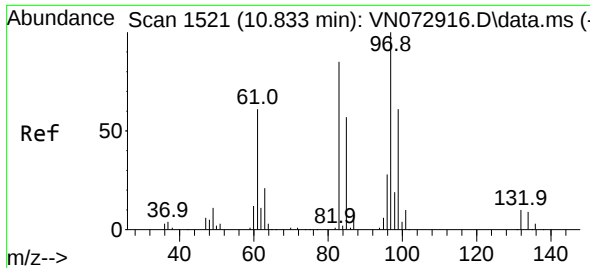


#54
cis-1,3-Dichloropropene
Concen: 58.645 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



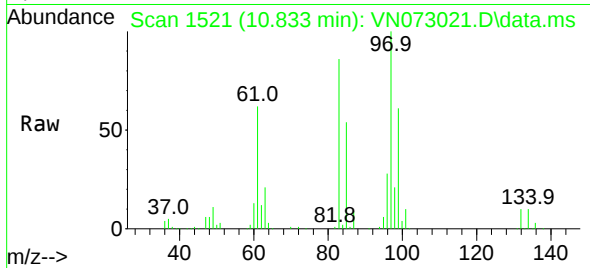
Tgt Ion: 75 Resp: 281962
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 54.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 54.122 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

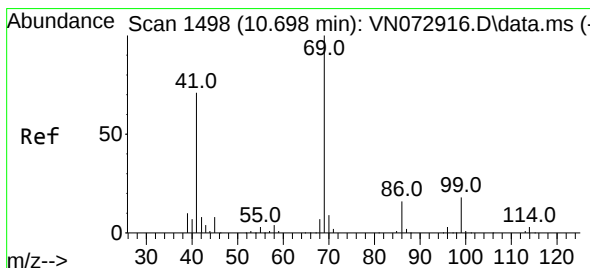
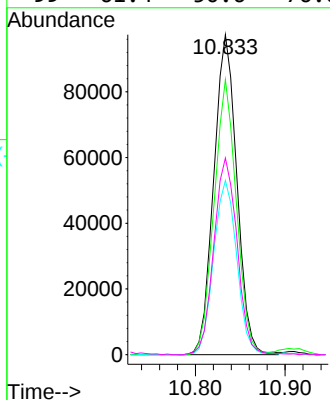
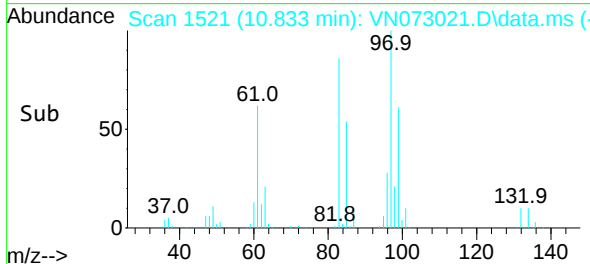
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



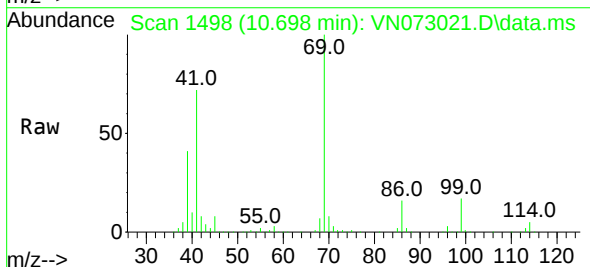
Tgt Ion: 97 Resp: 173840
Ion Ratio Lower Upper
97 100
83 86.0 66.2 99.4
85 54.4 43.9 65.9
99 61.4 50.6 76.0

Manual Integrations
APPROVED

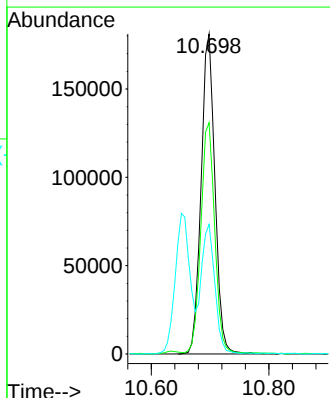
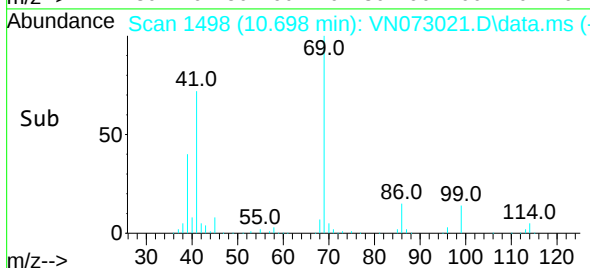
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

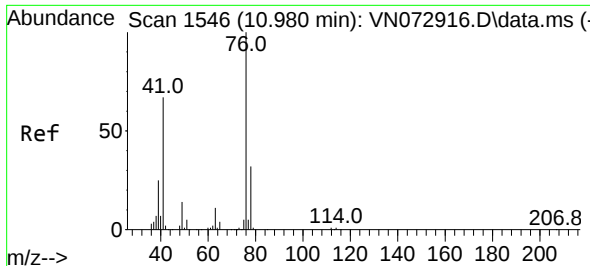


#56
Ethyl methacrylate
Concen: 57.527 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



Tgt Ion: 69 Resp: 296175
Ion Ratio Lower Upper
69 100
41 72.2 47.8 71.6#
39 39.5 27.3 40.9





#57

1,3-Dichloropropane

Concen: 55.480 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073021.D

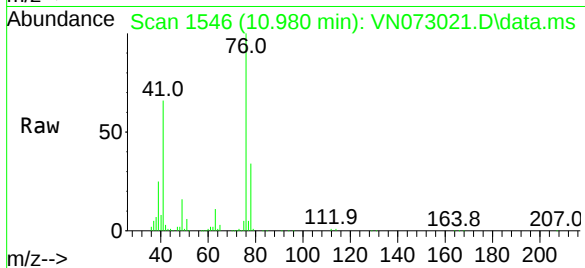
Acq: 22 Jun 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 295650

Ion Ratio Lower Upper

76 100

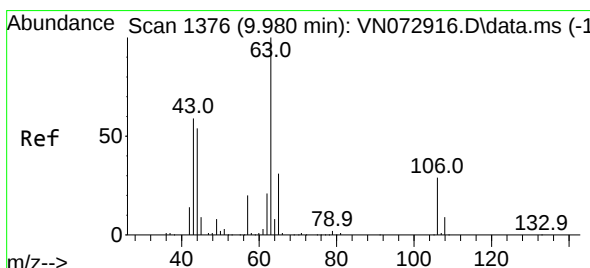
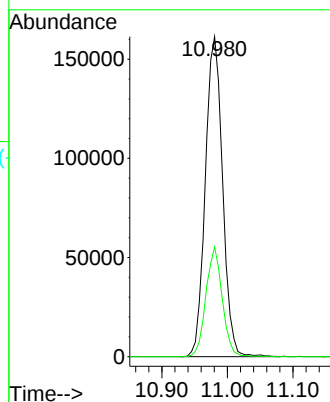
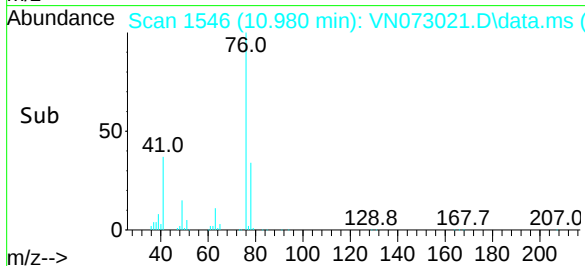
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 255.823 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VN073021.D

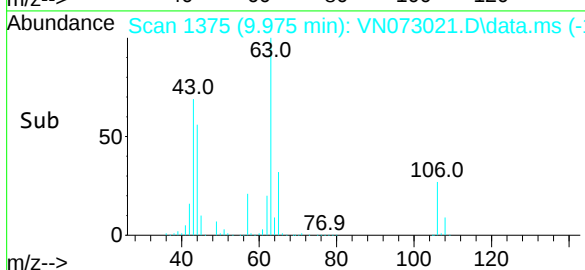
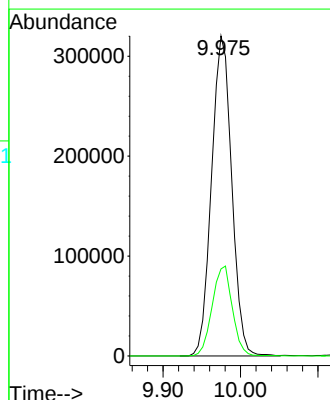
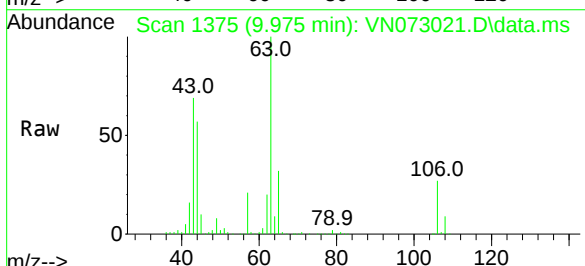
Acq: 22 Jun 2022 13:05

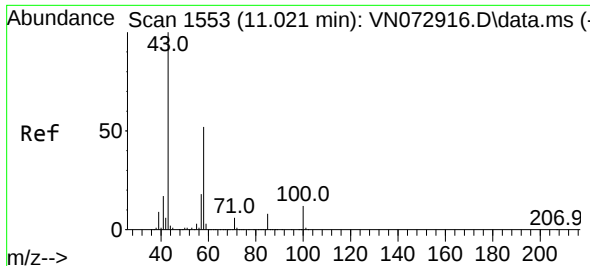
Tgt Ion: 63 Resp: 581491

Ion Ratio Lower Upper

63 100

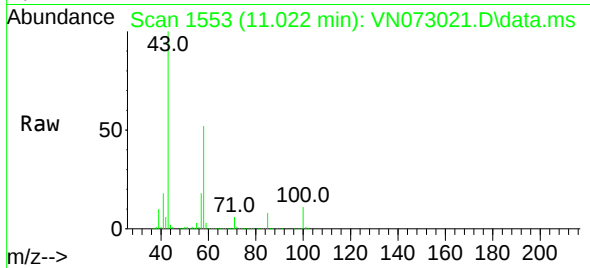
106 28.0 24.6 36.8





#59
2-Hexanone
Concen: 275.943 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

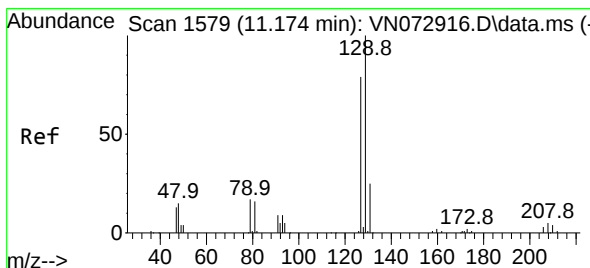
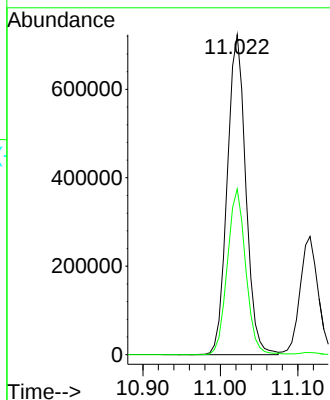
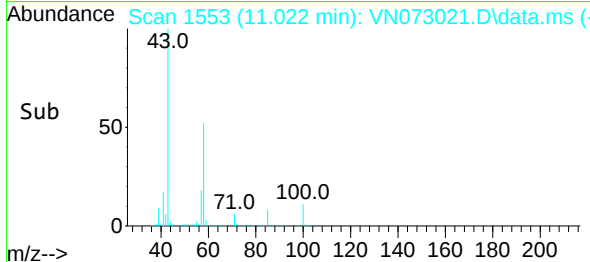
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1206500
Ion Ratio Lower Upper
43 100
58 51.3 29.7 89.1

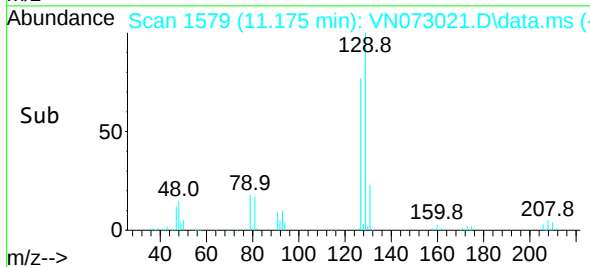
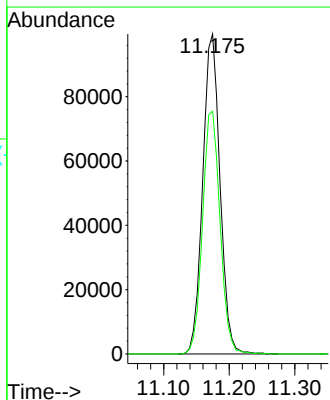
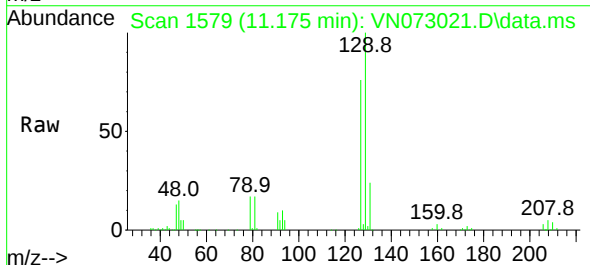
Manual Integrations
APPROVED

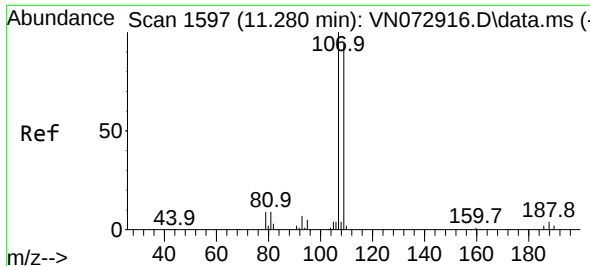
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#60
Dibromochloromethane
Concen: 60.161 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

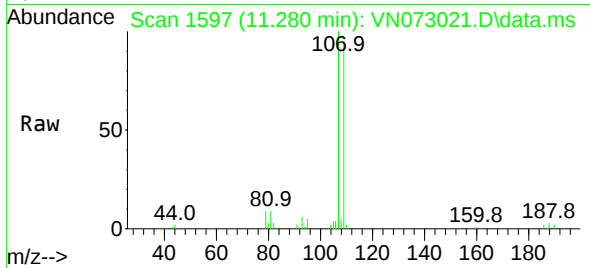
Tgt Ion:129 Resp: 182632
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.398 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

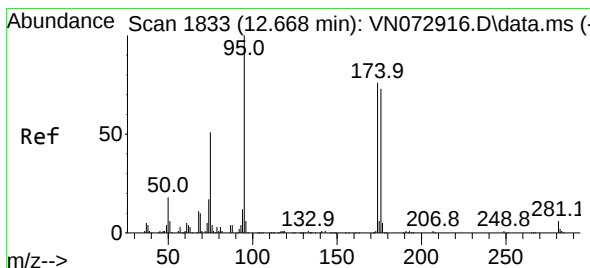
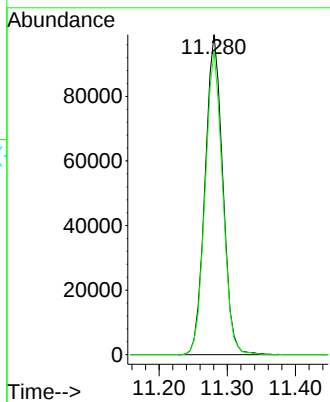
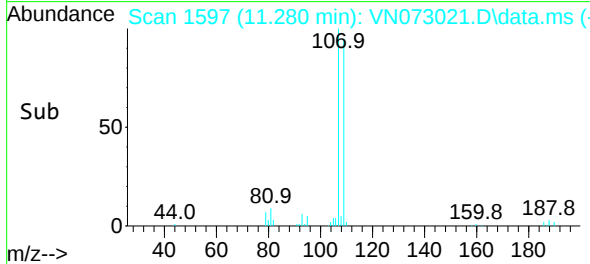
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



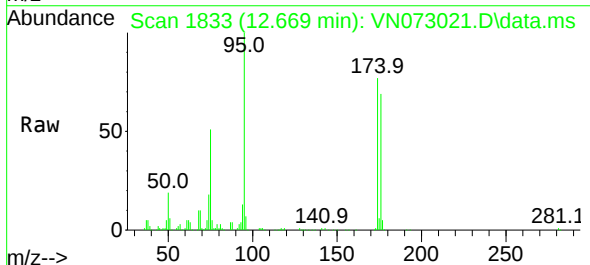
Tgt Ion:107 Resp: 17859
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6

Manual Integrations
APPROVED

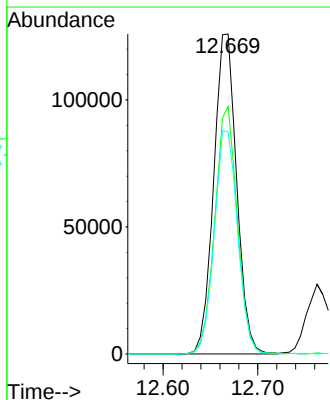
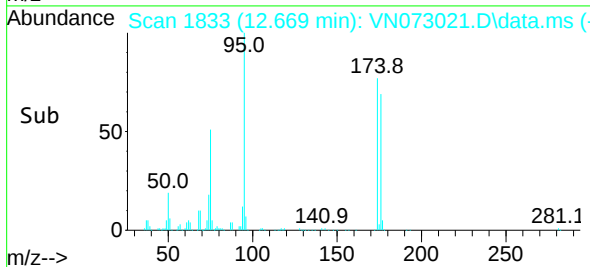
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

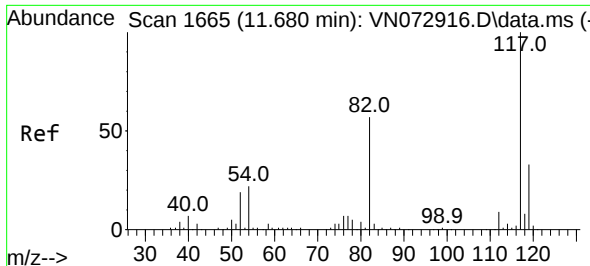


#62
4-Bromofluorobenzene
Concen: 56.616 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



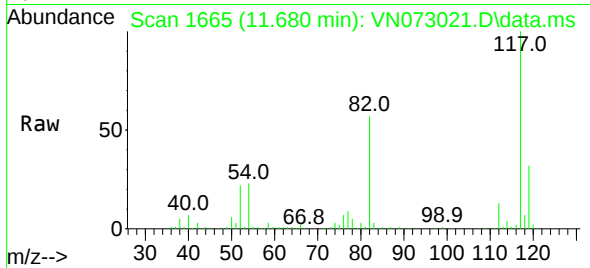
Tgt Ion: 95 Resp: 212264
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 70.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

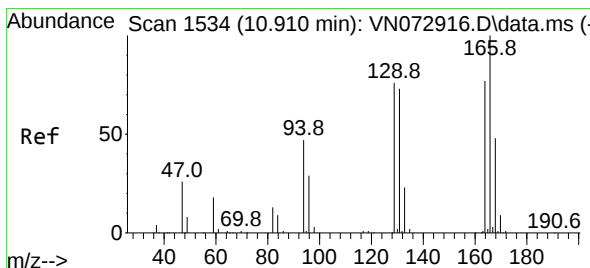
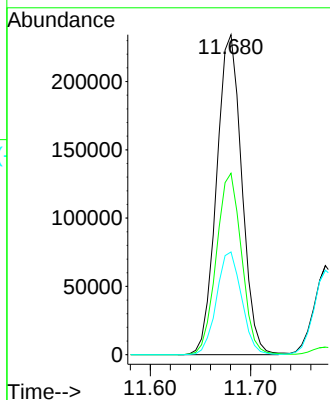
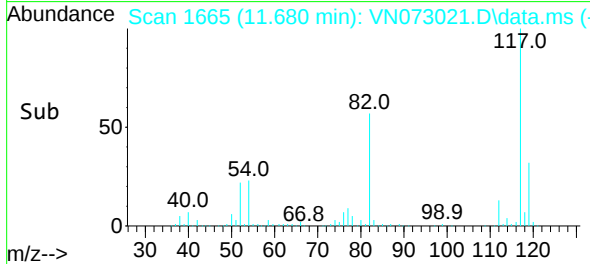
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 408462
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.1 25.4 38.0

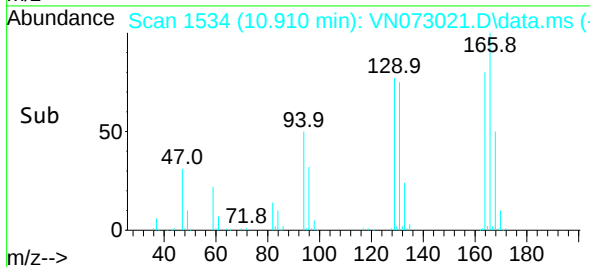
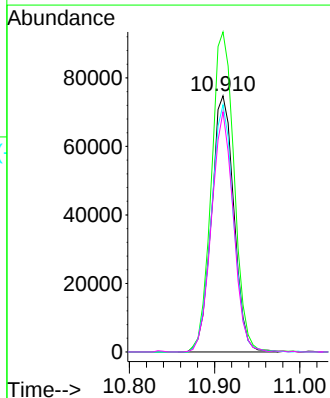
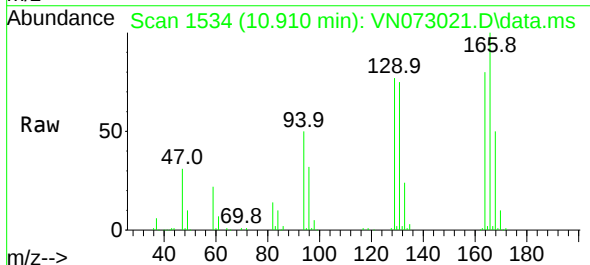
Manual Integrations
APPROVED

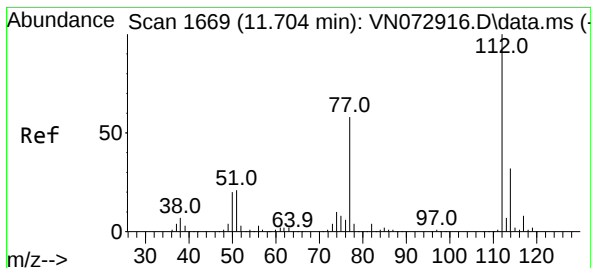
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#64
Tetrachloroethene
Concen: 54.939 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

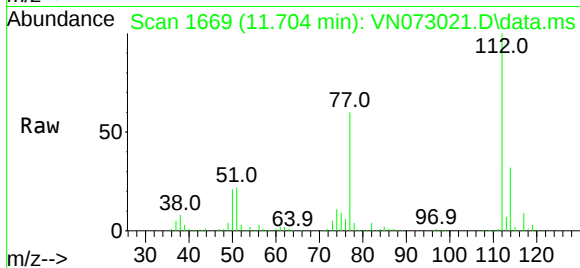
Tgt Ion:164 Resp: 136516
Ion Ratio Lower Upper
164 100
166 124.9 104.2 156.2
129 96.5 73.9 110.9
131 93.8 69.4 104.2





#65
Chlorobenzene
Concen: 55.306 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

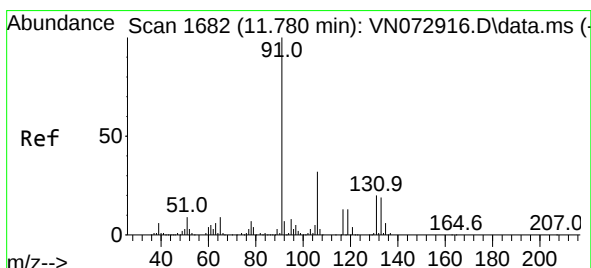
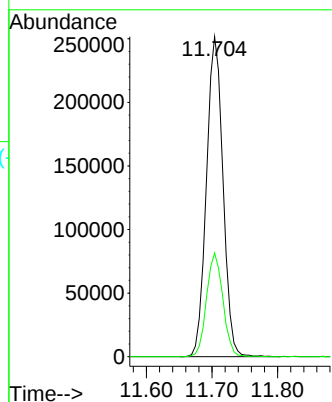
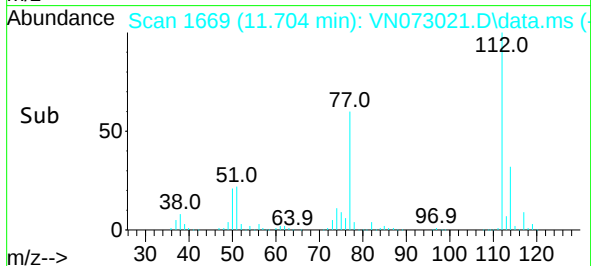
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



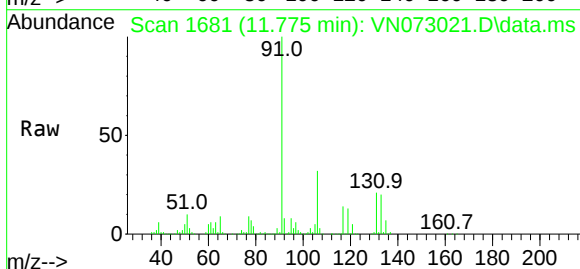
Tgt Ion:112 Resp: 441179
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

Manual Integrations
APPROVED

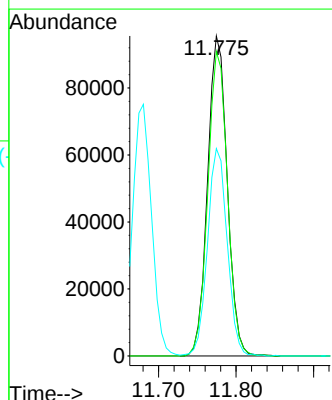
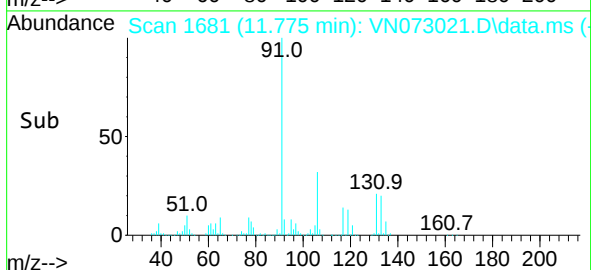
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.292 ug/l
RT: 11.775 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



Tgt Ion:131 Resp: 167874
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 65.2 33.4 100.2





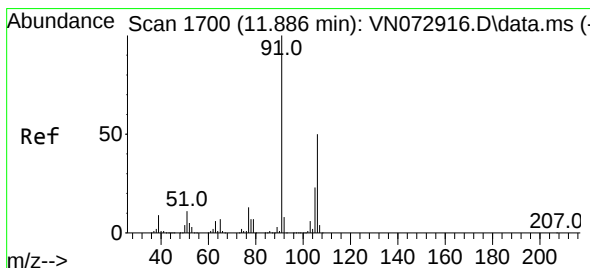
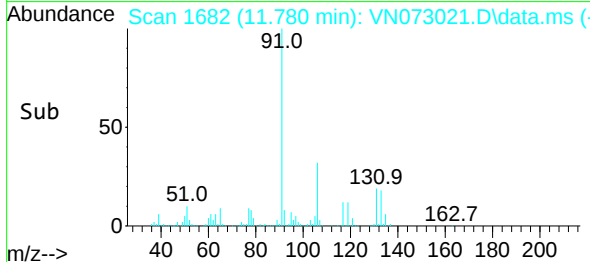
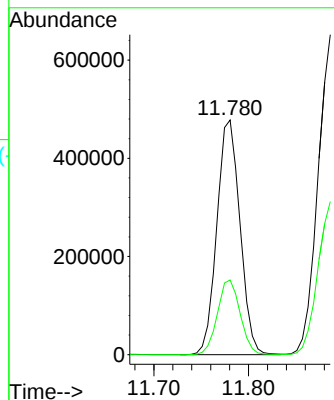
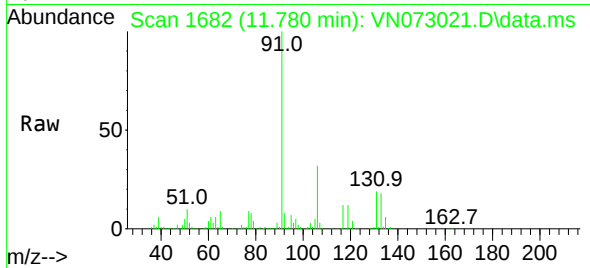
#67
Ethyl Benzene
Concen: 57.739 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 810800
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

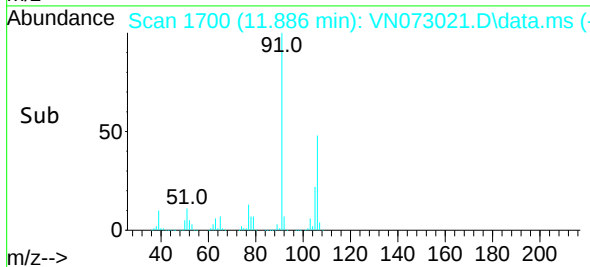
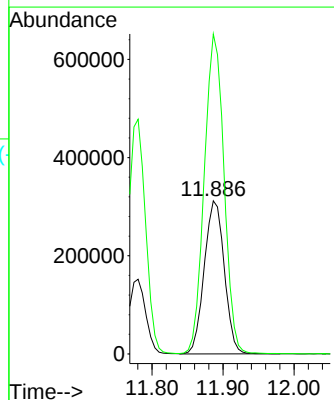
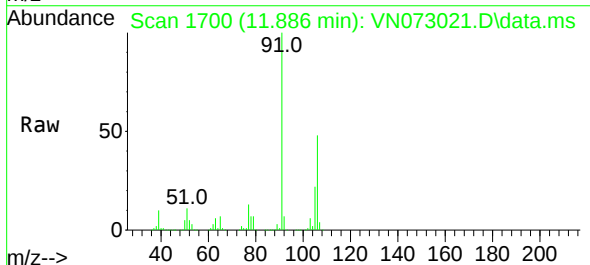
Manual Integrations
APPROVED

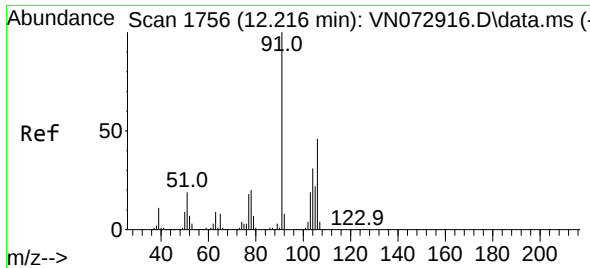
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#68
m/p-Xylenes
Concen: 111.125 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Tgt Ion:106 Resp: 612044
Ion Ratio Lower Upper
106 100
91 205.9 158.9 238.3





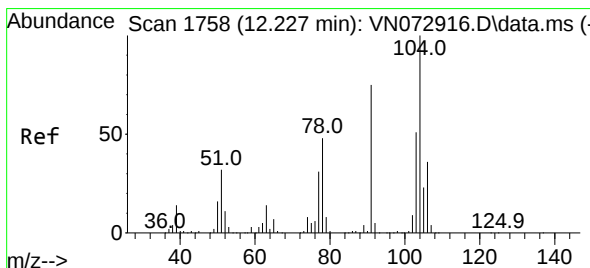
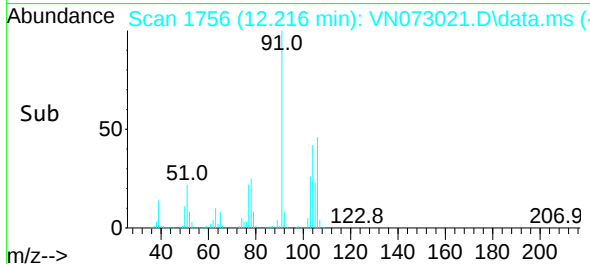
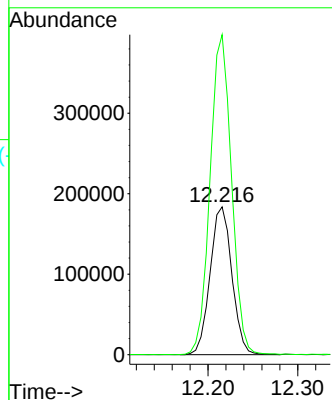
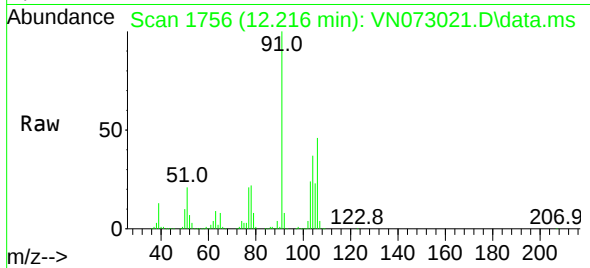
#69
o-Xylene
Concen: 56.302 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 309850
Ion Ratio Lower Upper
106 100
91 213.1 106.0 318.0

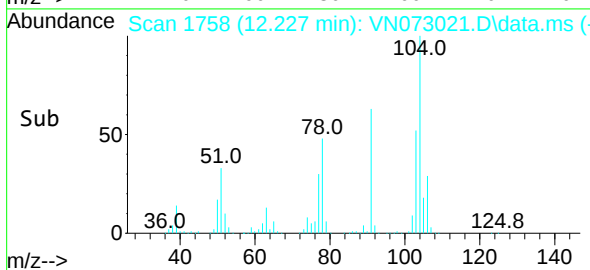
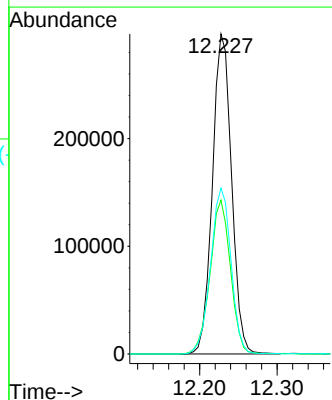
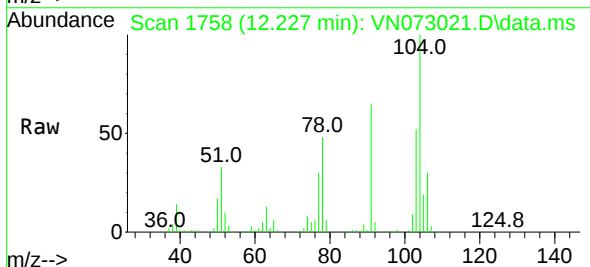
Manual Integrations
APPROVED

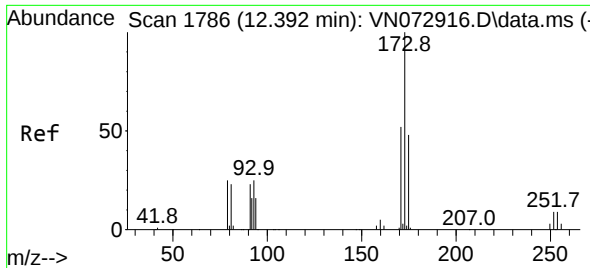
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#70
Styrene
Concen: 57.724 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

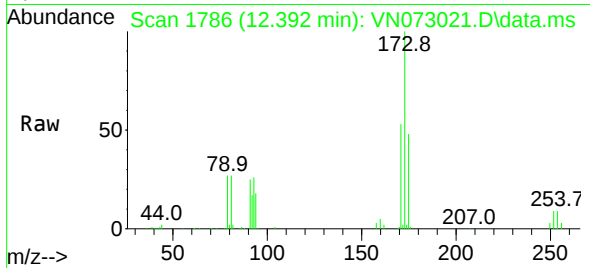
Tgt Ion:104 Resp: 510173
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 58.022 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

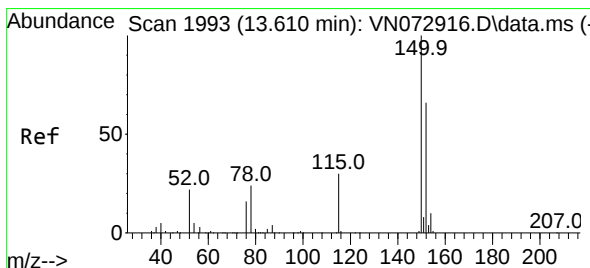
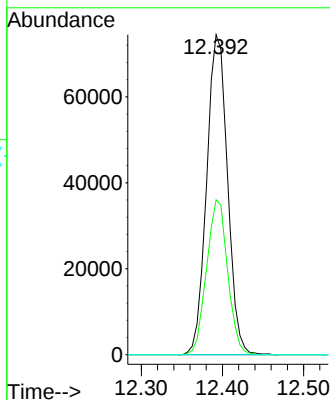
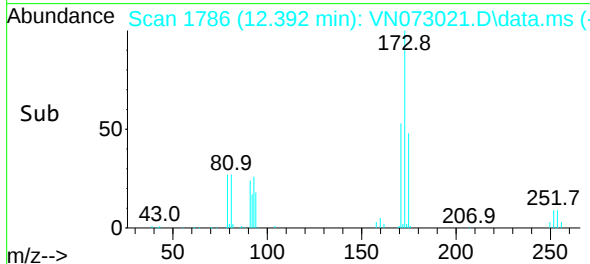
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



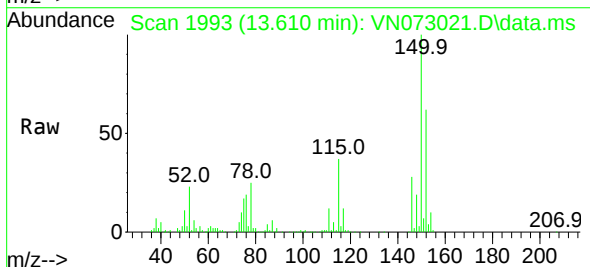
Tgt Ion:173 Resp: 132827
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

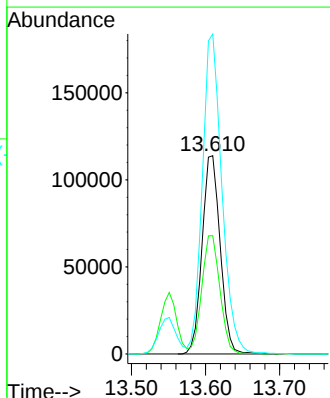
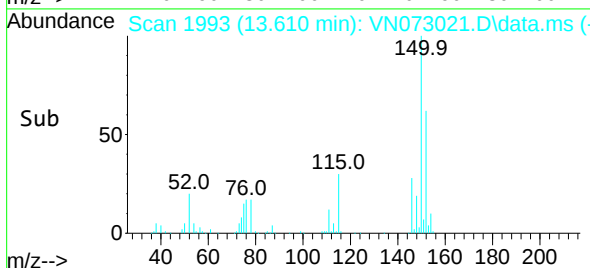
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

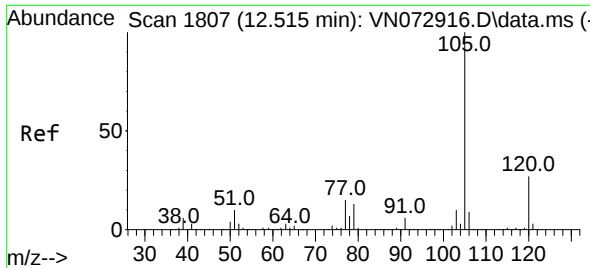


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



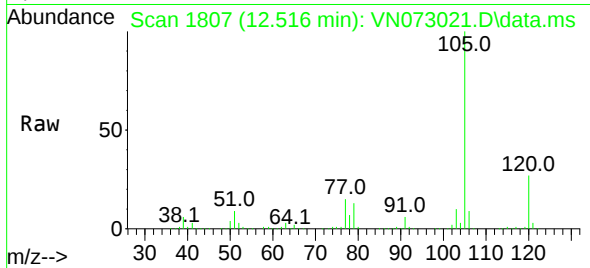
Tgt Ion:152 Resp: 193728
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.7
150 174.1 0.0 356.2





#73
Isopropylbenzene
Concen: 54.536 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

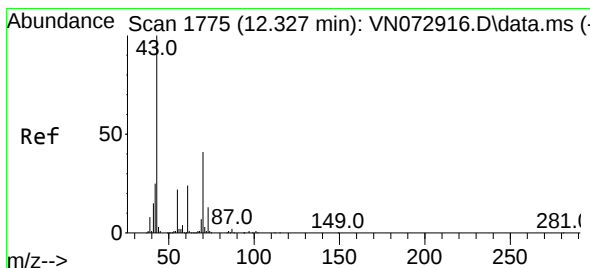
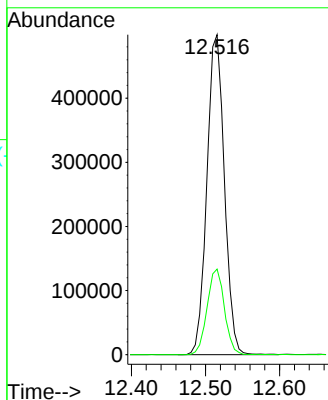
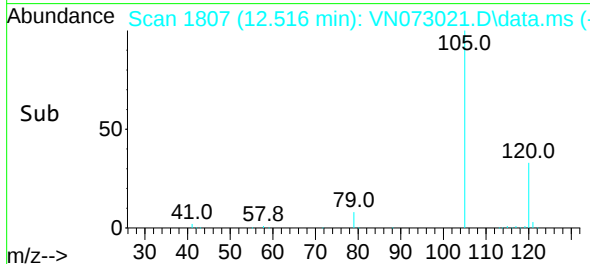
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



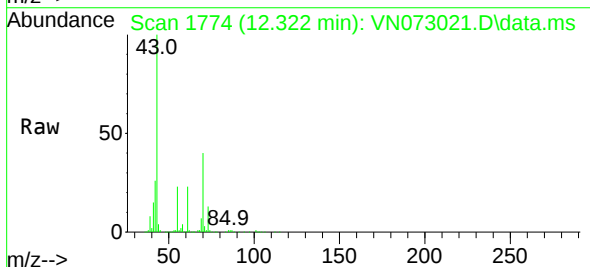
Tgt Ion:105 Resp: 81734
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

Manual Integrations
APPROVED

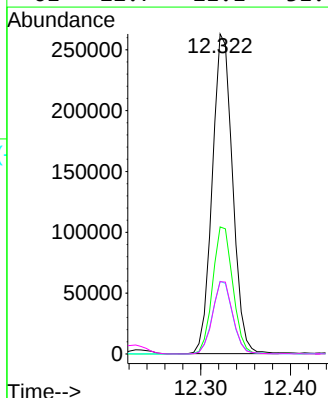
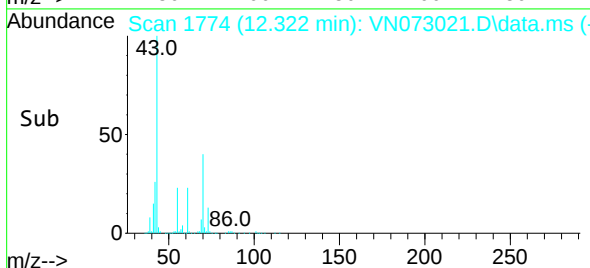
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

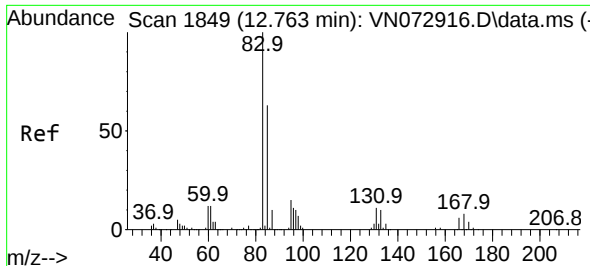


#74
N-ethyl acetate
Concen: 52.969 ug/l
RT: 12.322 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



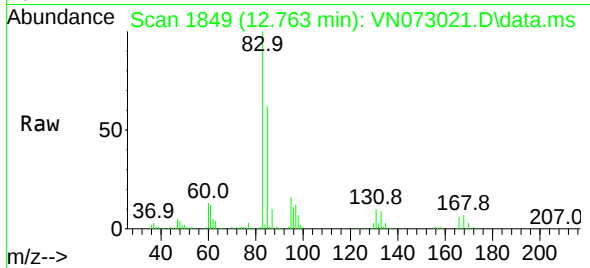
Tgt Ion: 43 Resp: 411962
Ion Ratio Lower Upper
43 100
70 39.7 39.0 58.4
55 22.8 21.1 31.7
61 22.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.318 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

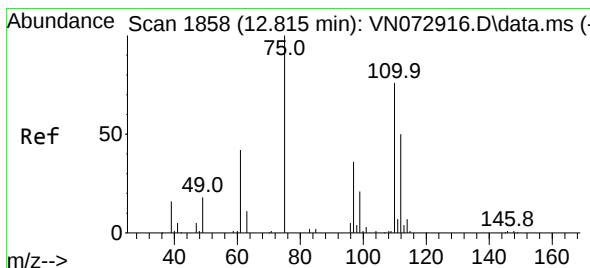
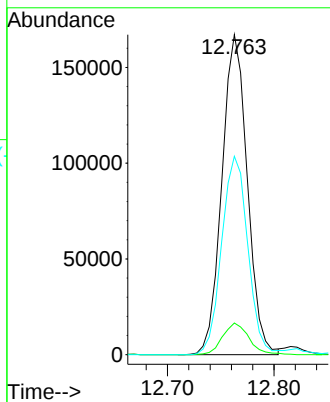
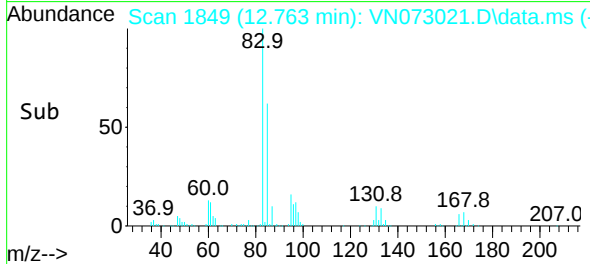
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 276990
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 64.0 32.3 96.9

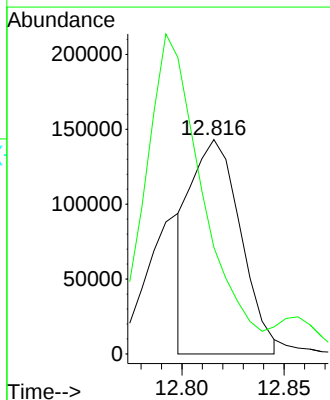
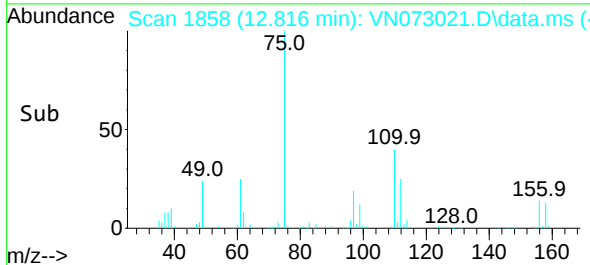
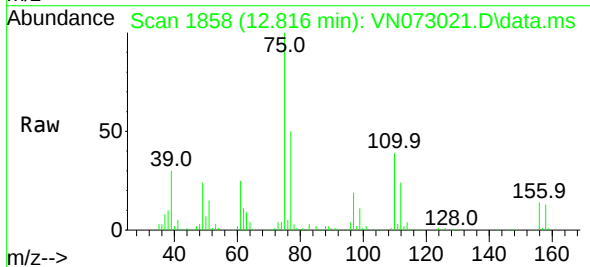
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#76
1,2,3-Trichloropropane
Concen: 51.724 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

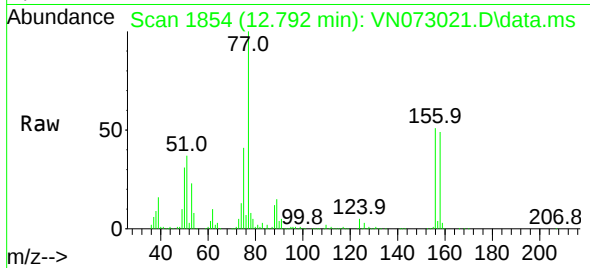
Tgt Ion: 75 Resp: 242942
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 52.951 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

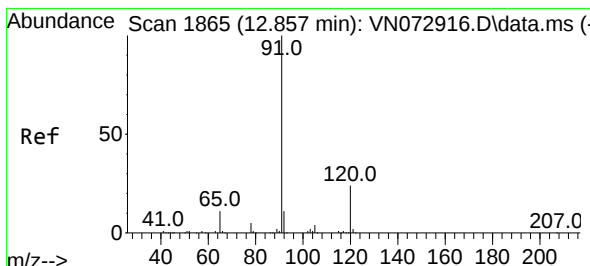
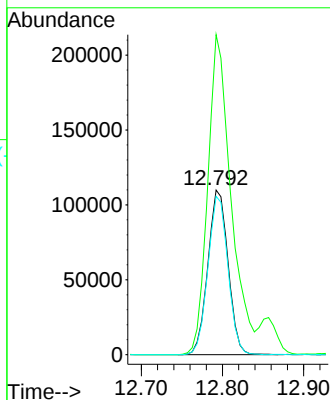
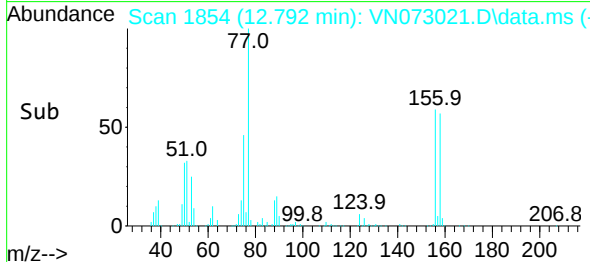
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



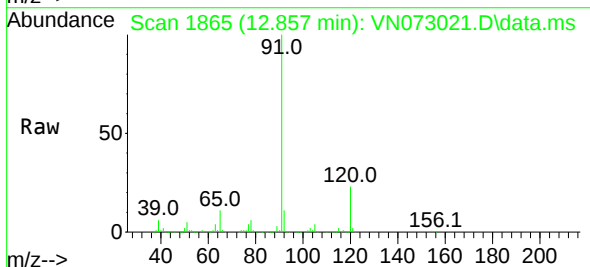
Tgt Ion:156 Resp: 190117
Ion Ratio Lower Upper
156 100
77 222.3 100.5 301.5
158 95.2 48.9 146.6

Manual Integrations
APPROVED

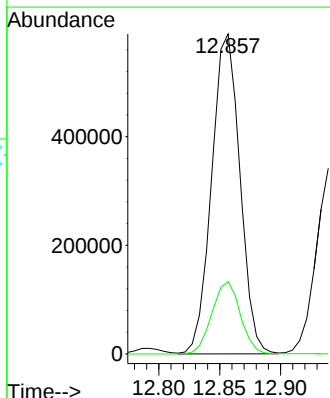
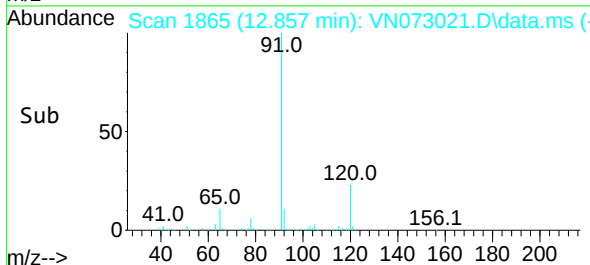
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

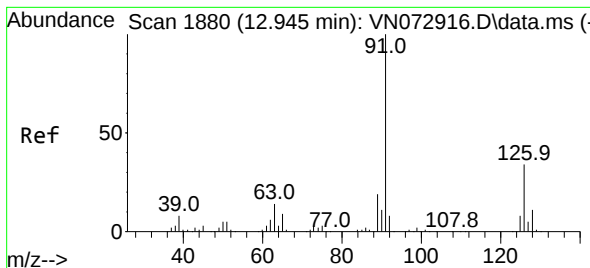


#78
n-propylbenzene
Concen: 57.797 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



Tgt Ion: 91 Resp: 952796
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 54.113 ug/l

RT: 12.939 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 577658

Ion Ratio Lower Upper

91 100

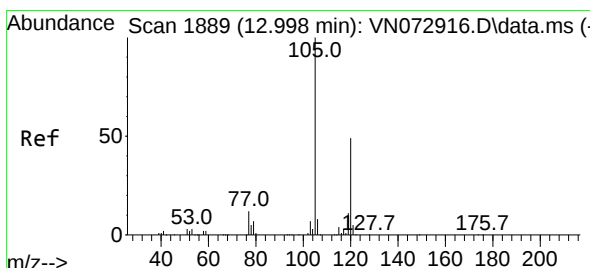
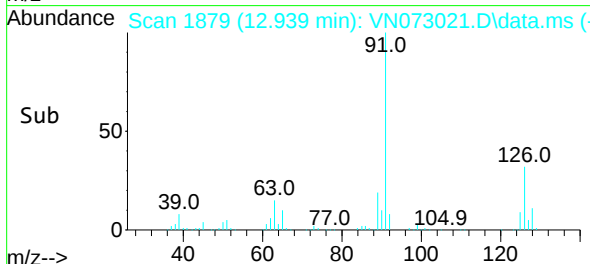
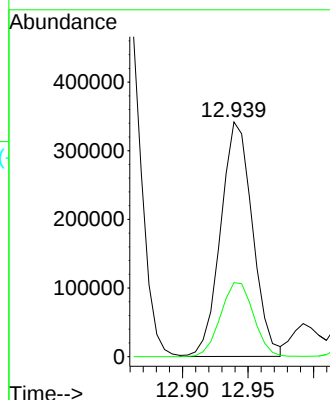
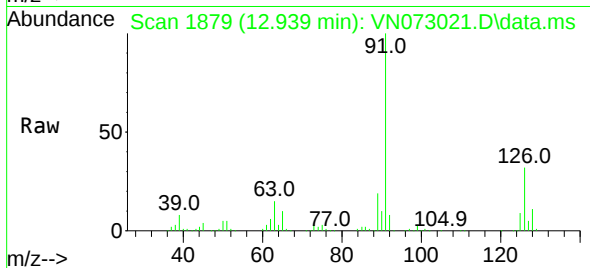
126 32.7 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#80

1,3,5-Trimethylbenzene

Concen: 55.321 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN073021.D

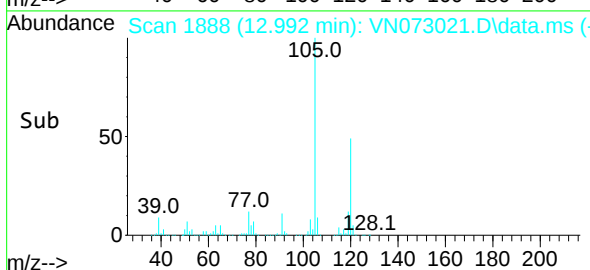
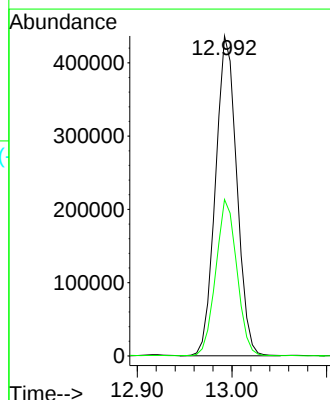
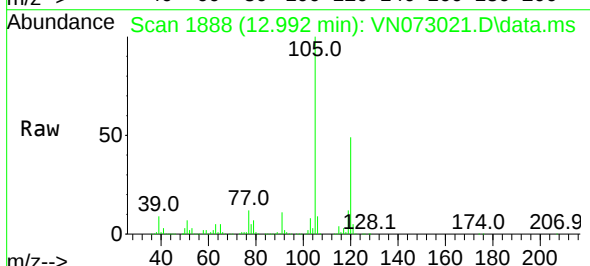
Acq: 22 Jun 2022 13:05

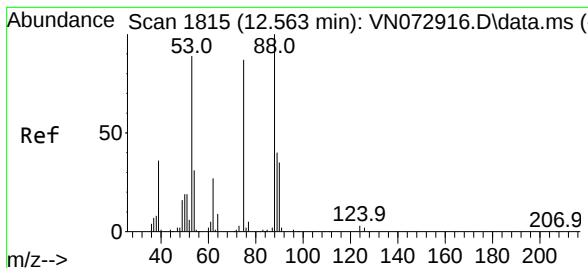
Tgt Ion:105 Resp: 681050

Ion Ratio Lower Upper

105 100

120 48.4 24.9 74.7





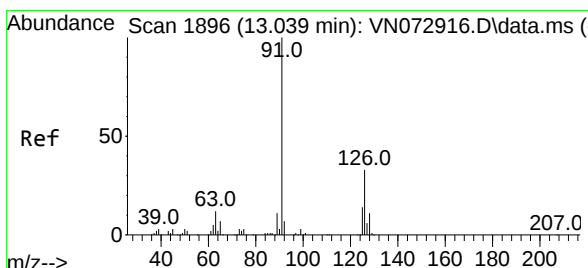
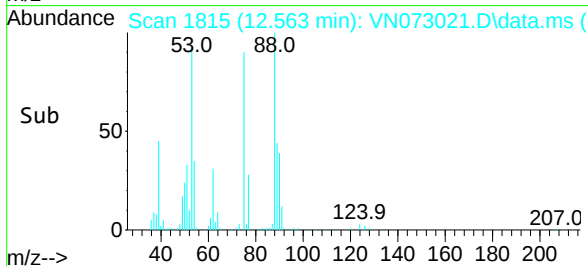
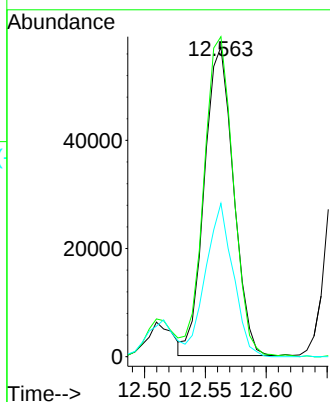
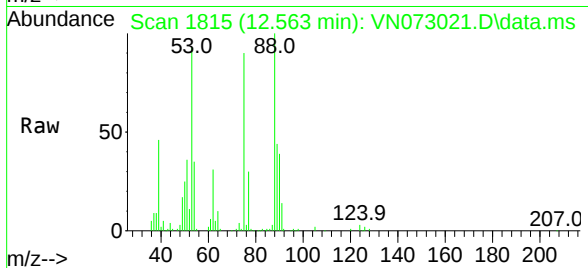
#81
trans-1,4-Dichloro-2-butene
Concen: 54.626 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 9500
Ion Ratio Lower Upper
75 100
53 105.1 78.0 117.0
89 46.6 37.2 55.8

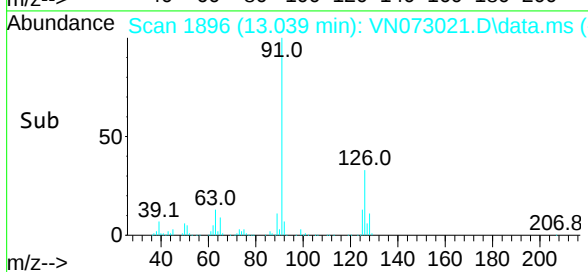
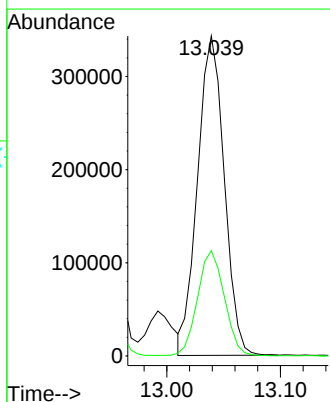
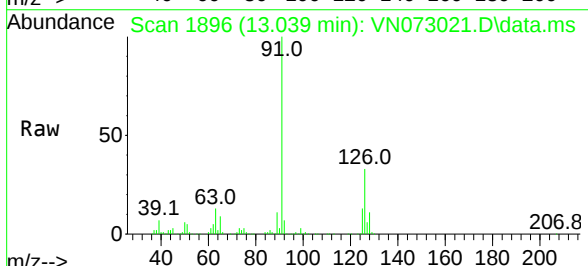
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#82
4-Chlorotoluene
Concen: 55.456 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Tgt Ion: 91 Resp: 560107
Ion Ratio Lower Upper
91 100
126 33.1 17.2 51.6





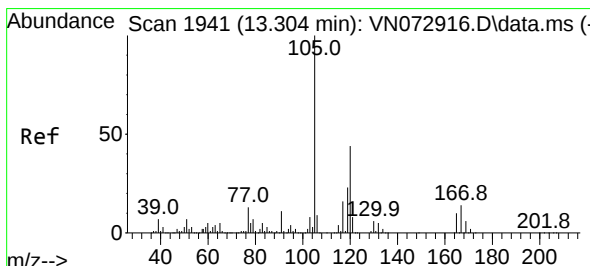
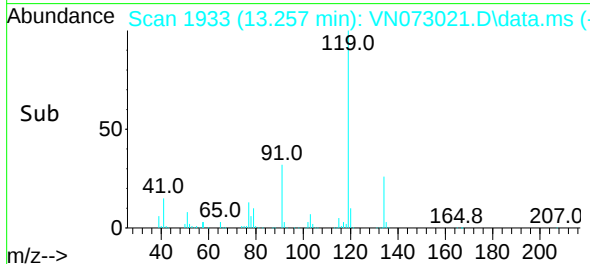
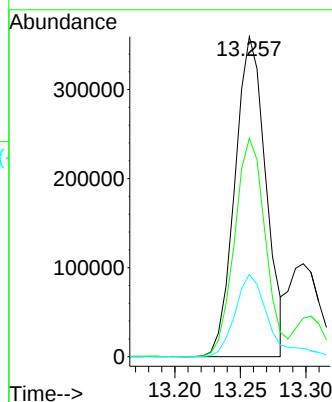
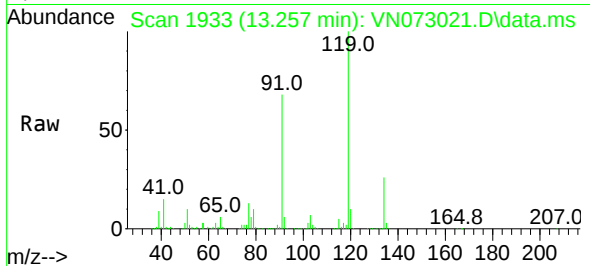
#83
tert-Butylbenzene
Concen: 52.370 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 590468
Ion Ratio Lower Upper
119 100
91 68.1 31.6 94.8
134 27.7 13.7 41.1

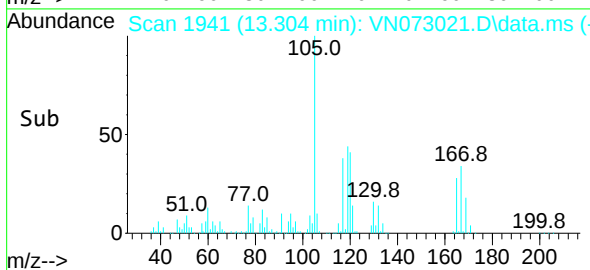
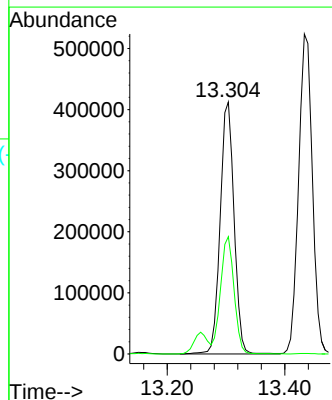
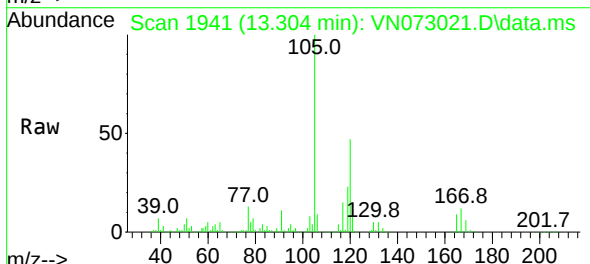
Manual Integrations
APPROVED

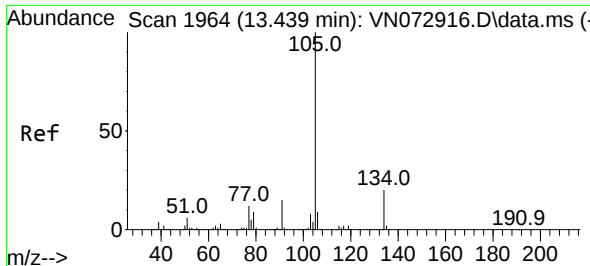
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 55.146 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

Tgt Ion:105 Resp: 676191
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





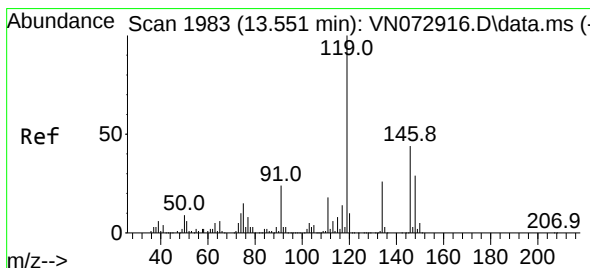
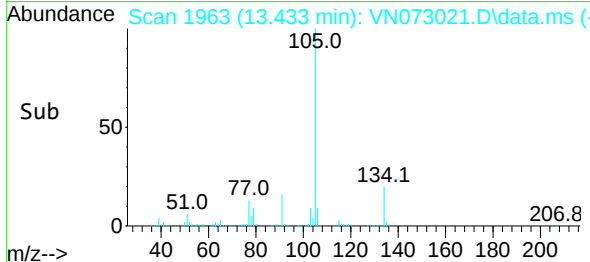
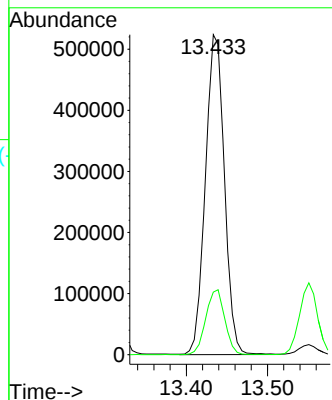
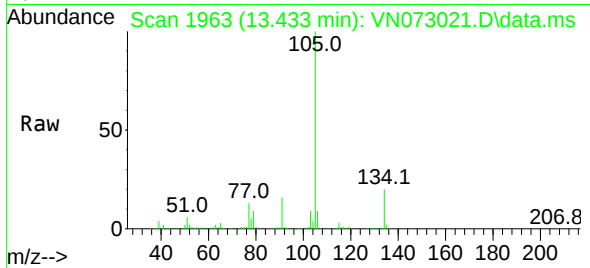
#85
 sec-Butylbenzene
 Concen: 56.696 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN073021.D
 Acq: 22 Jun 2022 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 852735
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

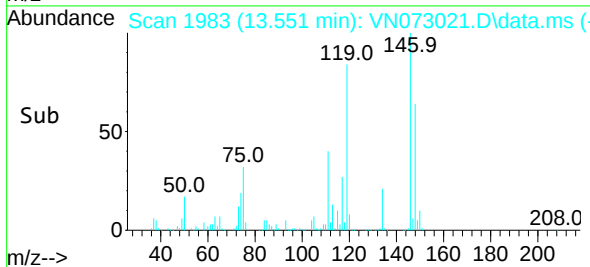
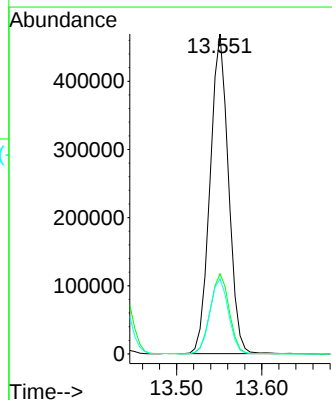
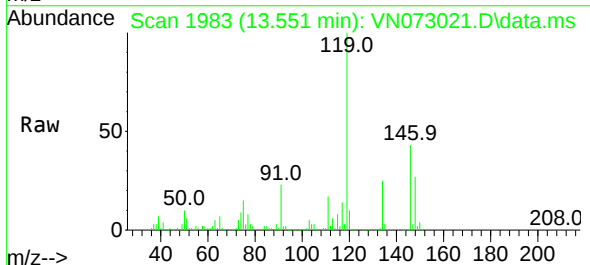
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022



#86
 p-Isopropyltoluene
 Concen: 57.579 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073021.D
 Acq: 22 Jun 2022 13:05

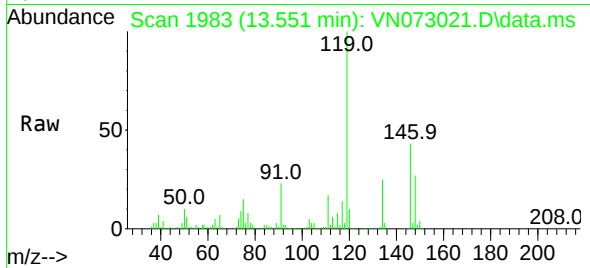
Tgt Ion:119 Resp: 701136
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 23.8 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 53.443 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073021.D
 Acq: 22 Jun 2022 13:05

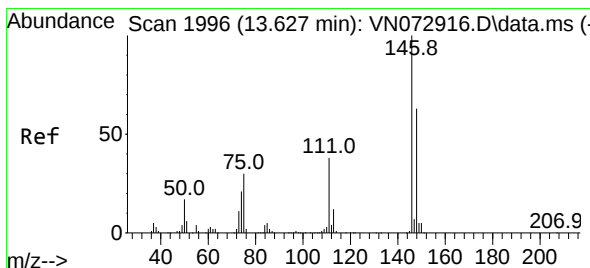
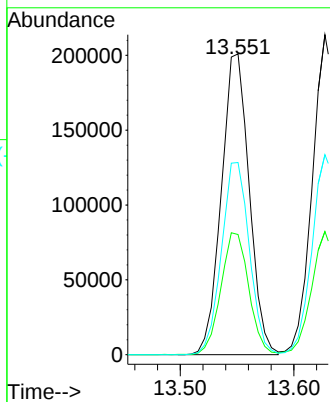
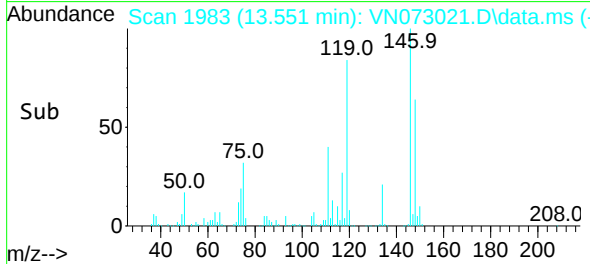
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



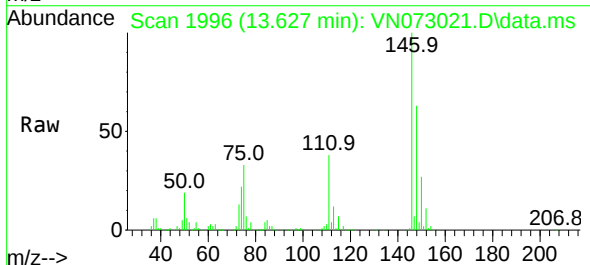
Tgt Ion:146 Resp: 342579
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 63.9 32.0 96.0

Manual Integrations
 APPROVED

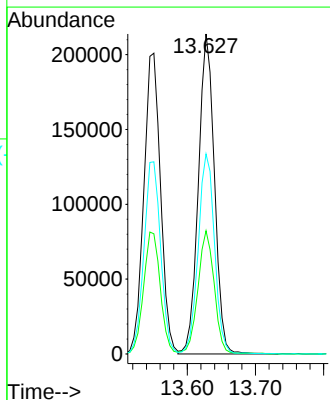
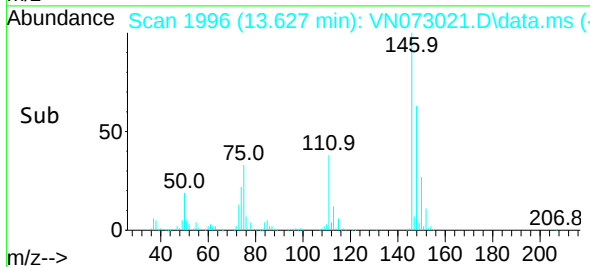
Reviewed By :John Carlone 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

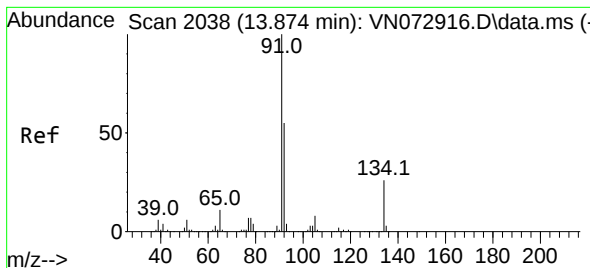


#88
 1,4-Dichlorobenzene
 Concen: 54.094 ug/l
 RT: 13.627 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN073021.D
 Acq: 22 Jun 2022 13:05



Tgt Ion:146 Resp: 350954
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.1
 148 62.6 31.4 94.3





#89

n-Butylbenzene

Concen: 60.883 ug/l

RT: 13.874 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

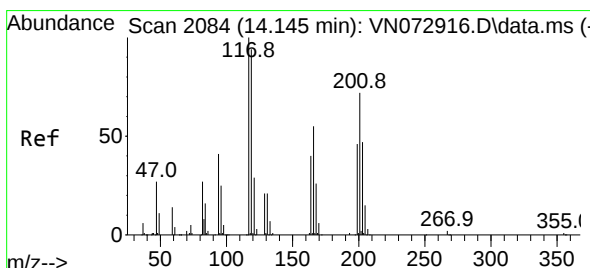
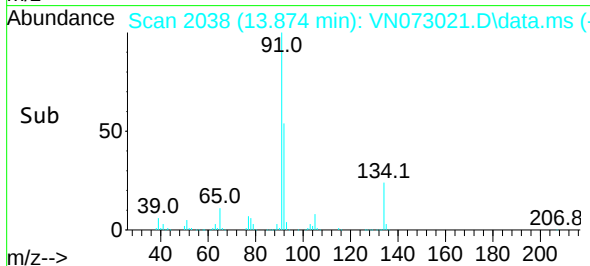
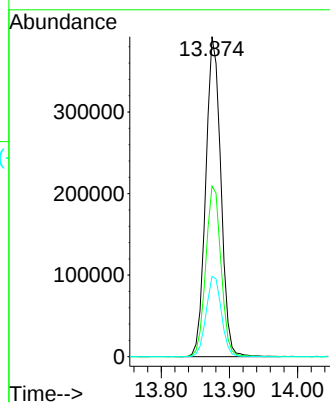
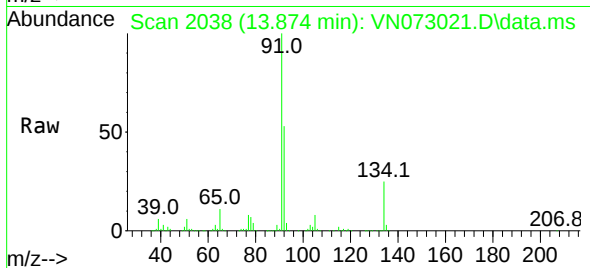
Tgt Ion:	91	Resp:	60537
Ion Ratio	Lower	Upper	
91	100		
92	53.8	26.9	80.7
134	25.4	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#90

Hexachloroethane

Concen: 56.297 ug/l

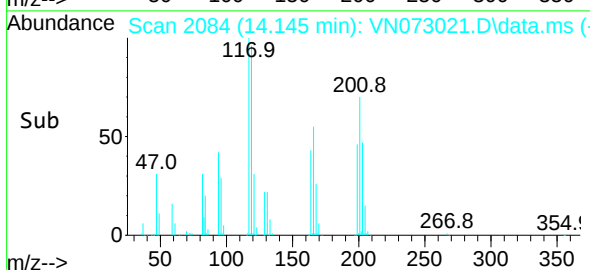
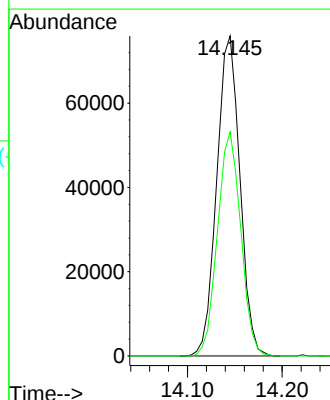
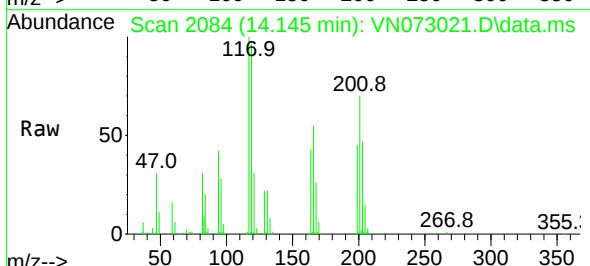
RT: 14.145 min Scan# 2084

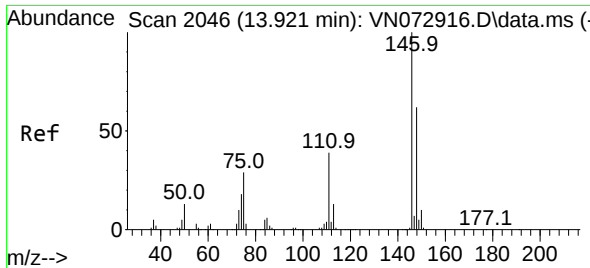
Delta R.T. 0.000 min

Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

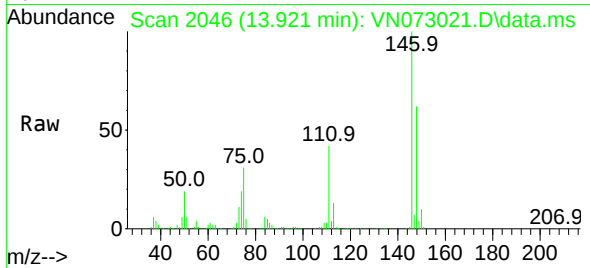
Tgt Ion:	117	Resp:	129237
Ion Ratio	Lower	Upper	
117	100		
201	70.1	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 53.019 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

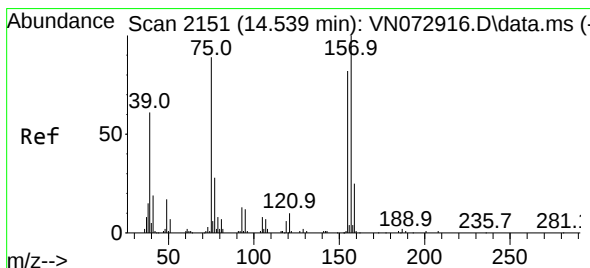
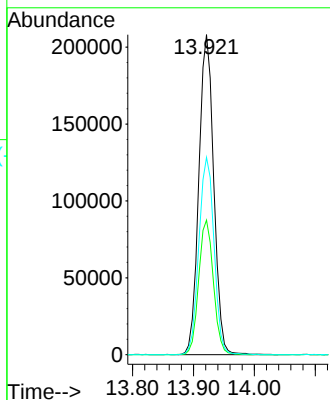
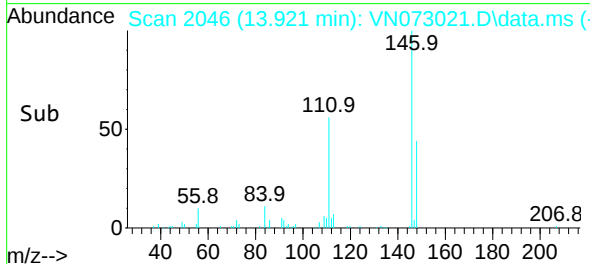
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



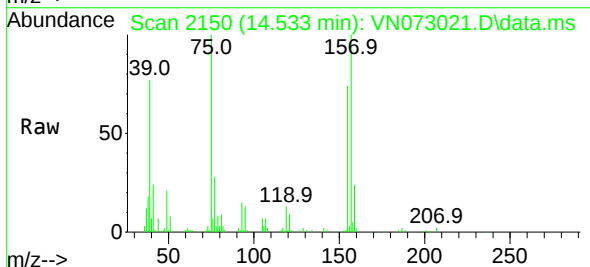
Tgt Ion:146 Resp: 35443
Ion Ratio Lower Upper
146 100
111 41.5 20.9 62.8
148 62.8 32.1 96.3

Manual Integrations
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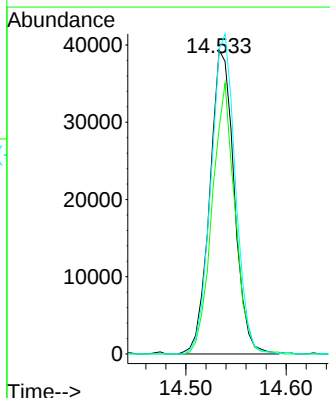
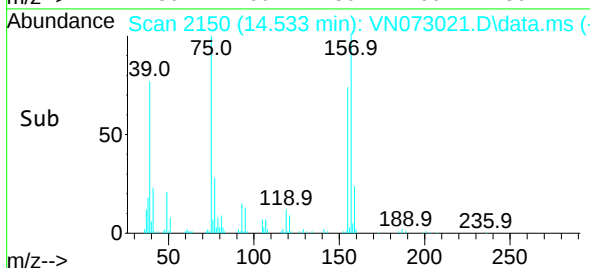
Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022

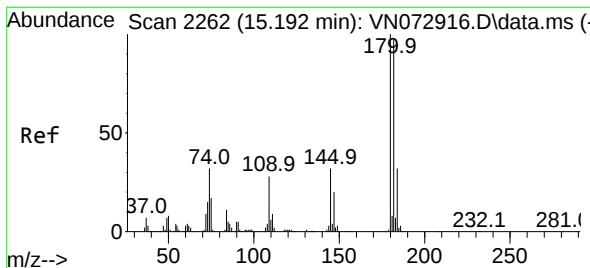


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.830 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



Tgt Ion: 75 Resp: 66466
Ion Ratio Lower Upper
75 100
155 83.2 44.9 134.5
157 105.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 54.005 ug/l

RT: 15.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073021.D

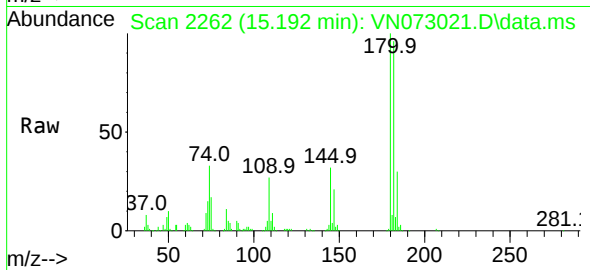
Acq: 22 Jun 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 19979

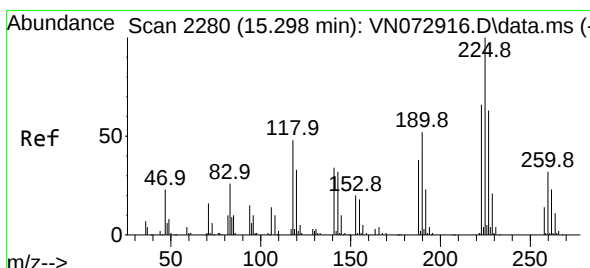
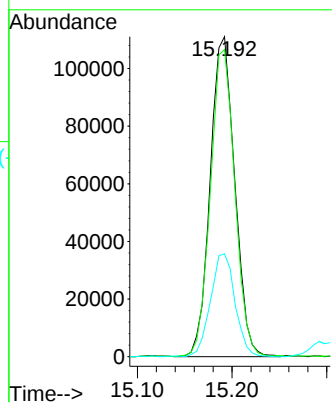
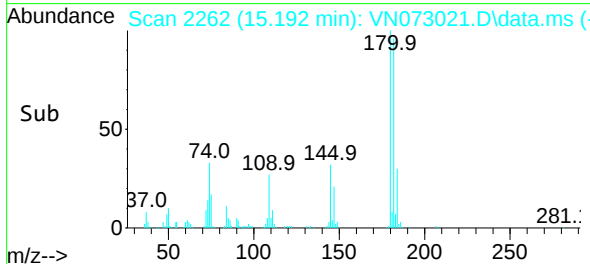
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	32.2	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2022

Supervised By :Mahesh Dadoda 06/23/2022



#94

Hexachlorobutadiene

Concen: 53.424 ug/l

RT: 15.292 min Scan# 2279

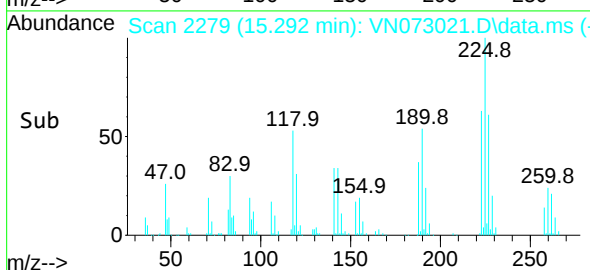
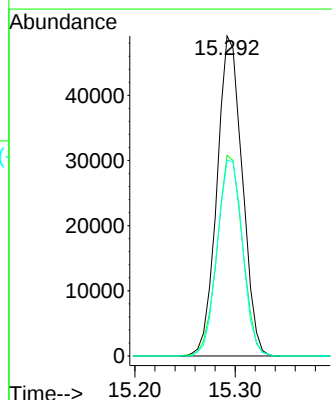
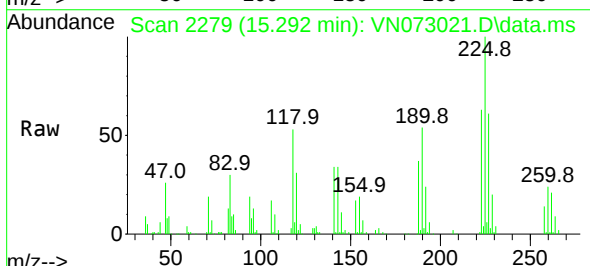
Delta R.T. -0.006 min

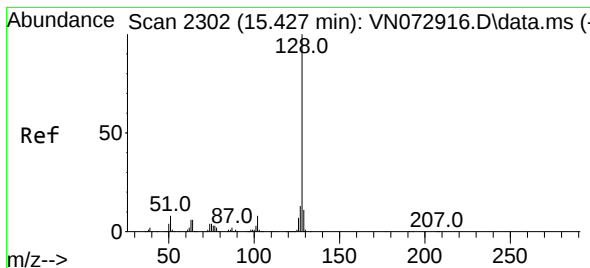
Lab File: VN073021.D

Acq: 22 Jun 2022 13:05

Tgt Ion:225 Resp: 86008

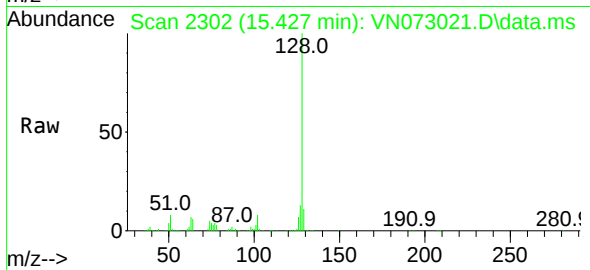
Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.4	97.2
227	61.4	31.8	95.4





#95
Naphthalene
Concen: 49.024 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05

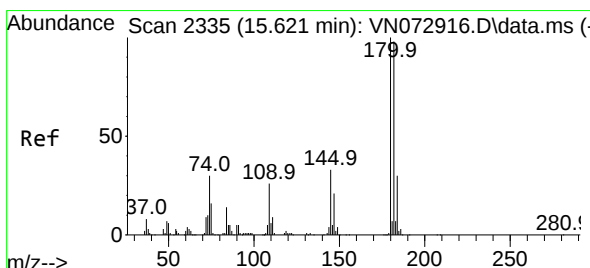
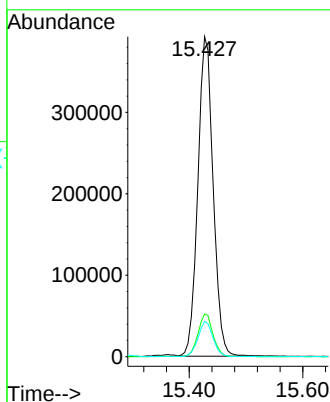
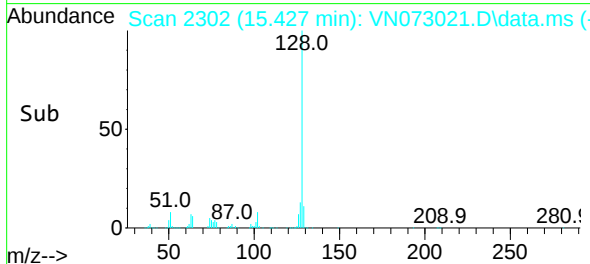
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



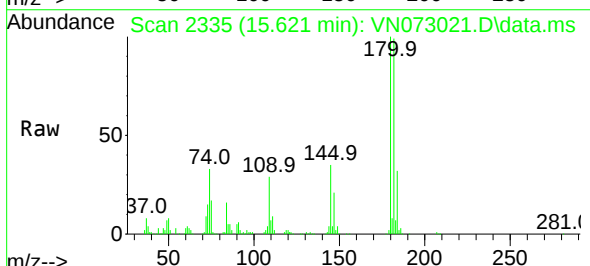
Tgt Ion:128 Resp: 73369
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2022
Supervised By :Mahesh Dadoda 06/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.051 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073021.D
Acq: 22 Jun 2022 13:05



Tgt Ion:180 Resp: 197730
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 33.9 15.5 46.5

