

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN073019.D
 Acq On : 22 Jun 2022 11:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 23 16:58:01 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)

Internal Standards						
1) Pentafluorobenzene	8.016	168	233900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	426554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	382957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	173650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185446	58.643	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.280%	
35) Dibromofluoromethane	7.951	113	144851	54.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.880%	
50) Toluene-d8	10.375	98	544513	55.503	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.000%	
62) 4-Bromofluorobenzene	12.668	95	198104	56.157	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	123267	55.351	ug/l	98
3) Chloromethane	2.269	50	118505	49.508	ug/l	98
4) Vinyl Chloride	2.404	62	110251	55.203	ug/l	98
5) Bromomethane	2.793	94	39281	49.963	ug/l	90
6) Chloroethane	2.957	64	70733	56.610	ug/l	99
7) Trichlorofluoromethane	3.316	101	205988	63.335	ug/l	97
8) Diethyl Ether	3.769	74	90947	54.183	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.140	101	121166	53.896	ug/l	97
10) Methyl Iodide	4.351	142	94870	36.816	ug/l	95
11) Tert butyl alcohol	5.293	59	205691	251.808	ug/l	99
12) 1,1-Dichloroethene	4.116	96	116622	52.077	ug/l	95
13) Acrolein	3.981	56	77821	241.896	ug/l	98
14) Allyl chloride	4.763	41	235545	49.231	ug/l #	93
15) Acrylonitrile	5.475	53	542545	288.124	ug/l	99
16) Acetone	4.222	43	483005	277.864	ug/l	97
17) Carbon Disulfide	4.457	76	251828	43.890	ug/l	100
18) Methyl Acetate	4.775	43	257416	55.610	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	485290	57.701	ug/l	100
20) Methylene Chloride	5.016	84	147486	54.724	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	125017	51.322	ug/l	94
22) Diisopropyl ether	6.416	45	530976	59.530	ug/l	96
23) Vinyl Acetate	6.351	43	2436703	295.945	ug/l	94
24) 1,1-Dichloroethane	6.310	63	267121	57.123	ug/l	98
25) 2-Butanone	7.263	43	771200	279.584	ug/l	89
26) 2,2-Dichloropropane	7.251	77	103087	26.283	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	162576	55.863	ug/l	95
28) Bromochloromethane	7.586	49	111945	57.885	ug/l	84
29) Tetrahydrofuran	7.610	42	518099	284.432	ug/l	88
30) Chloroform	7.745	83	270181	57.073	ug/l	100
31) Cyclohexane	8.022	56	212403	49.655	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	234501	56.449	ug/l	100
36) 1,1-Dichloropropene	8.151	75	181543	50.888	ug/l	98
37) Ethyl Acetate	7.339	43	308384	54.043	ug/l	96
38) Carbon Tetrachloride	8.133	117	192512	51.303	ug/l	100
39) Methylcyclohexane	9.392	83	203058	47.222	ug/l	95
40) Benzene	8.392	78	587786	52.426	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	152785	56.463	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	217402	54.594	ug/l	99
43) Isopropyl Acetate	8.492	43	455934	55.896	ug/l	93
44) Trichloroethene	9.145	130	140555	49.470	ug/l	96
45) 1,2-Dichloropropane	9.422	63	158070	55.157	ug/l	97
46) Dibromomethane	9.510	93	105268	54.324	ug/l	93
47) Bromodichloromethane	9.698	83	214787	55.773	ug/l	97
48) Methyl methacrylate	9.492	41	204946	55.032	ug/l	90
49) 1,4-Dioxane	9.504	88	79314	946.535	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1507459	283.407	ug/l	91
52) Toluene	10.439	92	370872	53.879	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	207568	50.117	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	223537	49.412	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	156940	51.926	ug/l	99
56) Ethyl methacrylate	10.698	69	272272	56.204	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	268792	53.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	606504	283.580	ug/l	96
59) 2-Hexanone	11.022	43	1152445	280.128	ug/l	90
60) Dibromochloromethane	11.174	129	163755	57.329	ug/l	98
61) 1,2-Dibromoethane	11.280	107	164200	55.109	ug/l	100
64) Tetrachloroethene	10.910	164	112221	48.170	ug/l	97
65) Chlorobenzene	11.704	112	386307	51.653	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	148970	52.333	ug/l	99
67) Ethyl Benzene	11.780	91	710795	53.989	ug/l	100
68) m/p-Xylenes	11.886	106	545606	105.660	ug/l	99
69) o-Xylene	12.216	106	274626	53.224	ug/l	98
70) Styrene	12.233	104	454738	54.879	ug/l	99
71) Bromoform	12.392	173	120980	56.366	ug/l #	98
73) Isopropylbenzene	12.516	105	709833	52.838	ug/l	99
74) N-amyl acetate	12.327	43	378804	54.337	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	257393	53.201	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	318282	75.599	ug/l	47
77) Bromobenzene	12.792	156	165227	51.339	ug/l	89
78) n-propylbenzene	12.857	91	809872	54.807	ug/l	98
79) 2-Chlorotoluene	12.945	91	493647	51.590	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	585687	53.076	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	65837	42.232	ug/l	94
82) 4-Chlorotoluene	13.039	91	480831	53.111	ug/l	99
83) tert-Butylbenzene	13.257	119	543272	53.756	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	589564	53.641	ug/l	97
85) sec-Butylbenzene	13.433	105	730704	54.200	ug/l	99
86) p-Isopropyltoluene	13.551	119	589680	54.025	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	296633	51.626	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	299883	51.566	ug/l	99
89) n-Butylbenzene	13.874	91	483246	54.220	ug/l	98
90) Hexachloroethane	14.145	117	116670	56.699	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	309345	51.625	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	62842	51.510	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	166010	50.061	ug/l	98
94) Hexachlorobutadiene	15.292	225	66666	46.198	ug/l	98
95) Naphthalene	15.427	128	669475	49.906	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	174816	49.367	ug/l	97

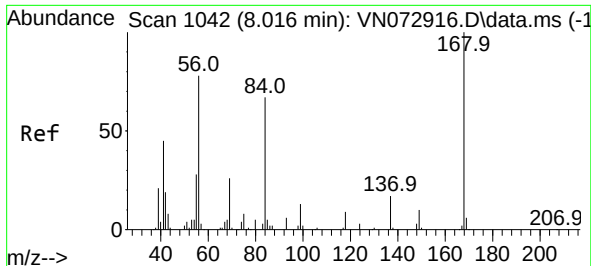
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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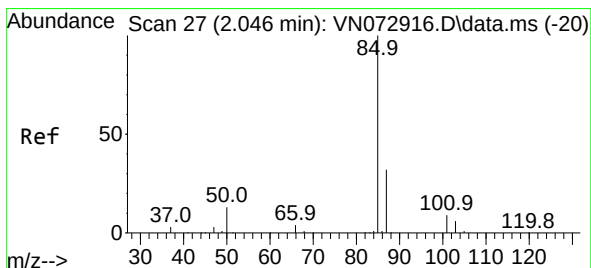
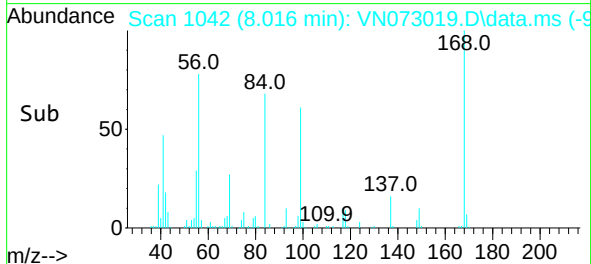
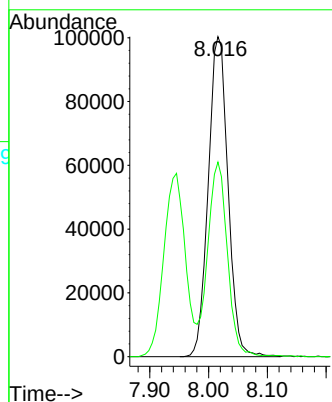
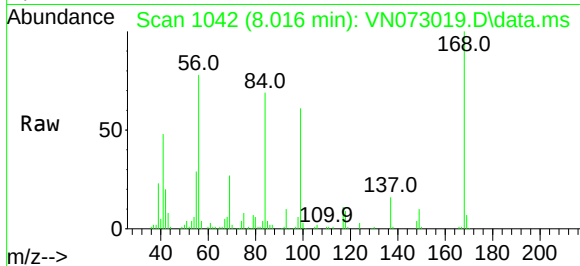
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073019.D
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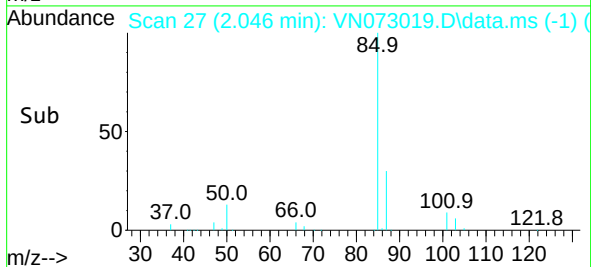
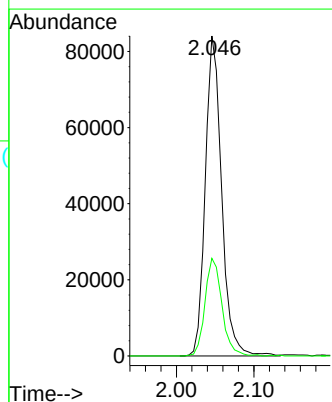
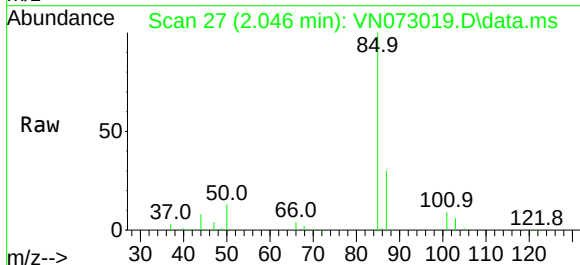
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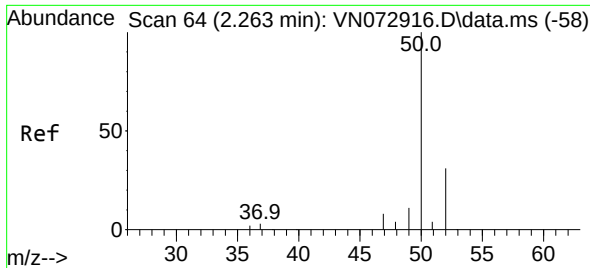
Tgt Ion:168 Resp: 233900
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 55.351 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 85 Resp: 123267
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.1

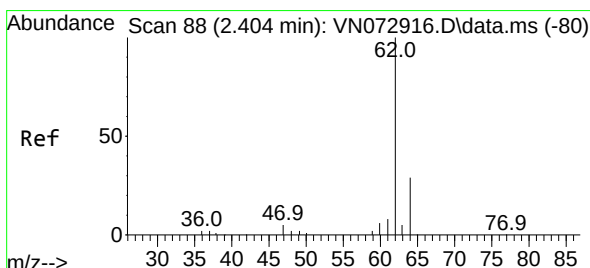
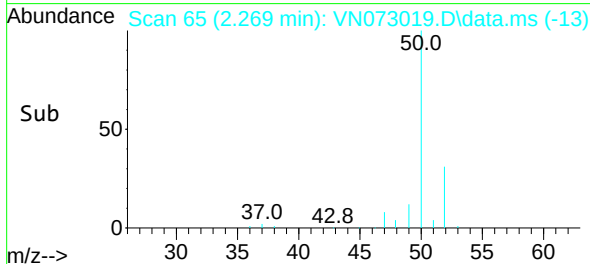
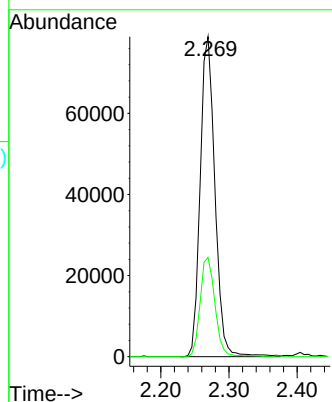
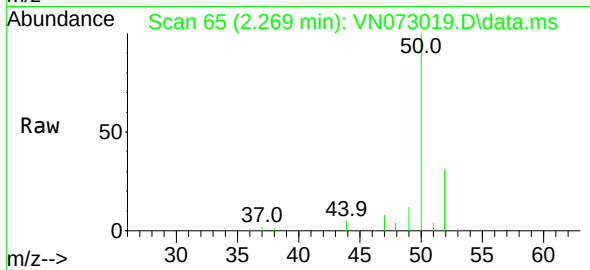




#3
Chloromethane
Concen: 49.508 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

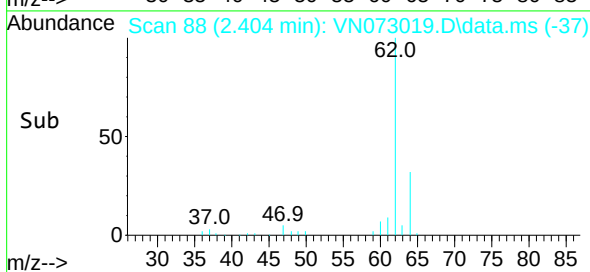
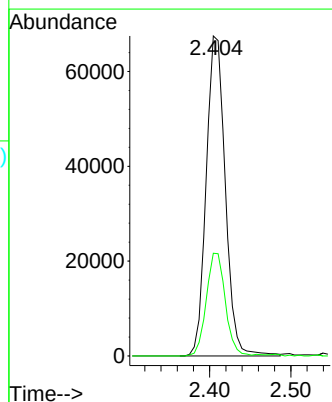
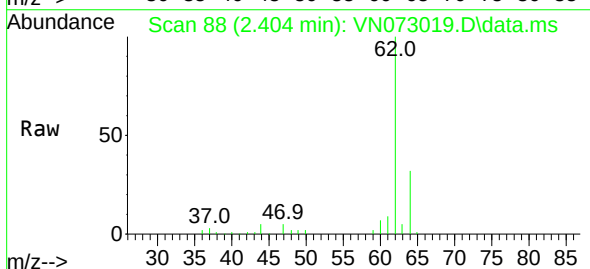
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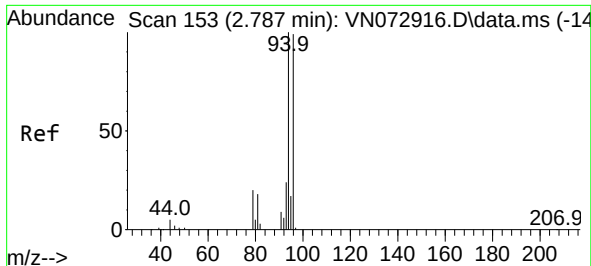
Tgt Ion: 50 Resp: 118505
Ion Ratio Lower Upper
50 100
52 31.0 25.7 38.5



#4
Vinyl Chloride
Concen: 55.203 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 62 Resp: 110251
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4

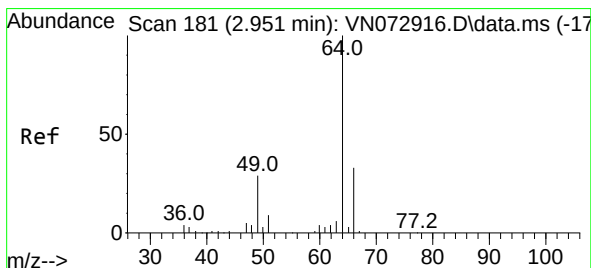
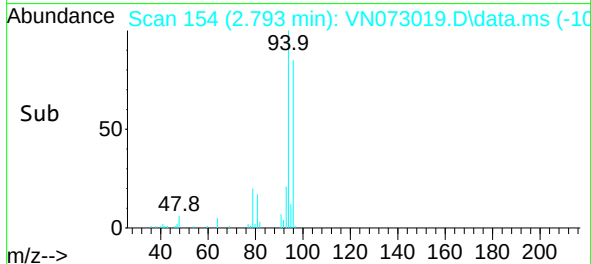
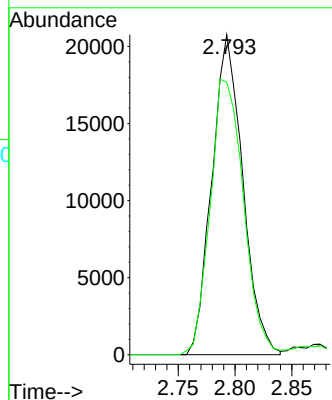
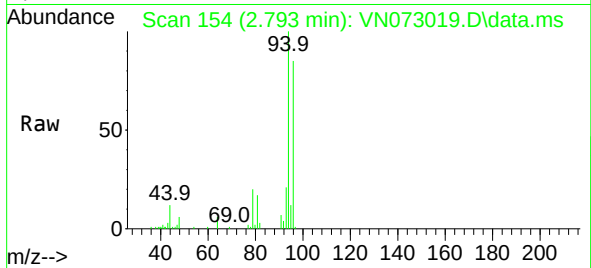




#5
Bromomethane
Concen: 49.963 ug/l
RT: 2.793 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073019.D
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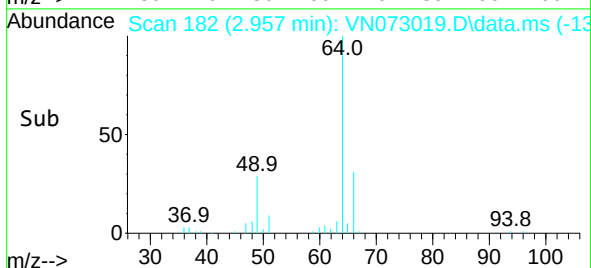
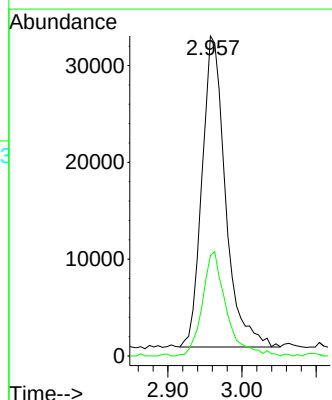
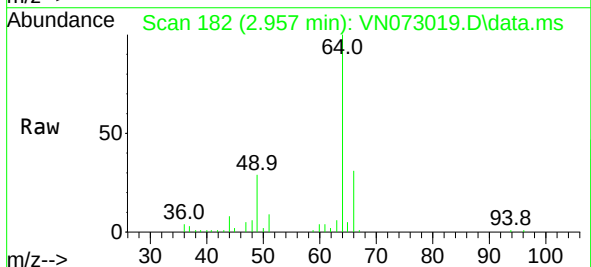
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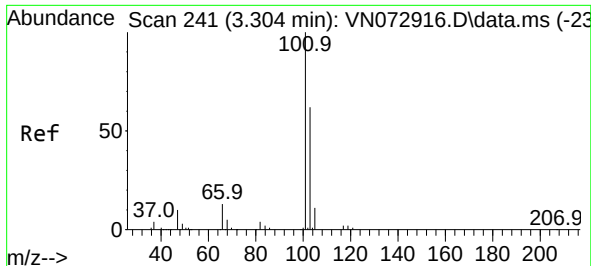
Tgt Ion: 94 Resp: 39281
Ion Ratio Lower Upper
94 100
96 85.1 76.0 114.0



#6
Chloroethane
Concen: 56.610 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 64 Resp: 70733
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

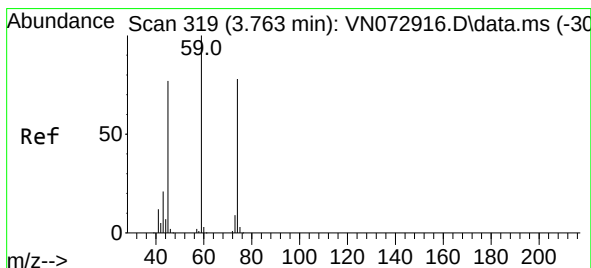
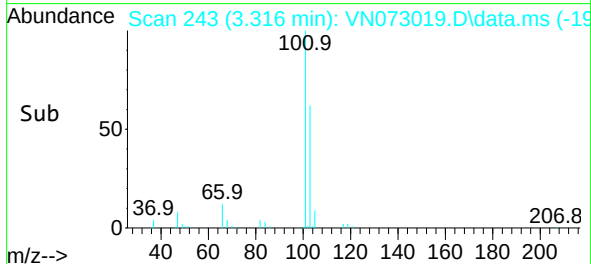
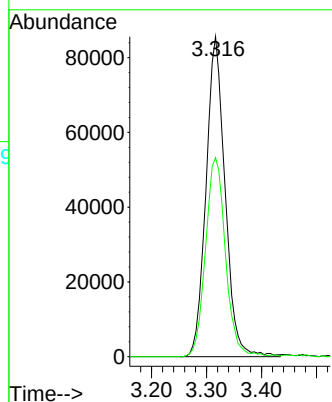
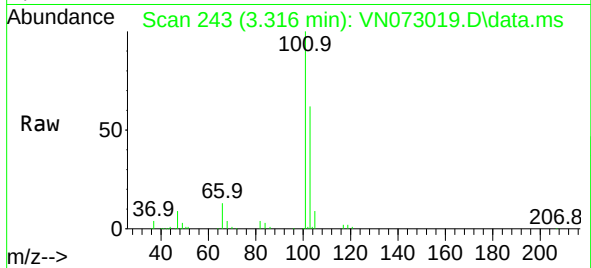




#7
Trichlorofluoromethane
Concen: 63.335 ug/l
RT: 3.316 min Scan# 241
Delta R.T. 0.012 min
Lab File: VN073019.D
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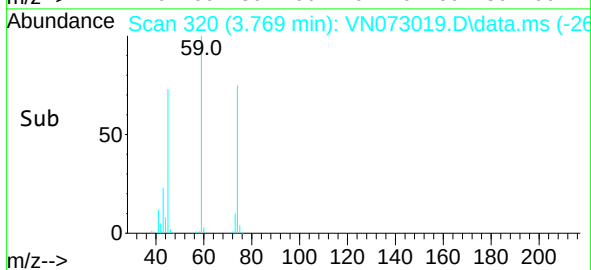
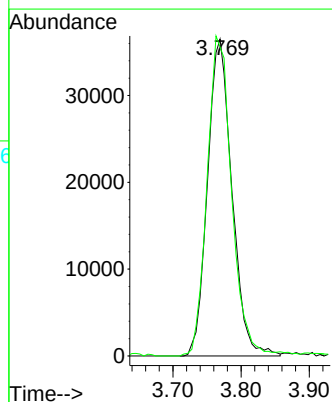
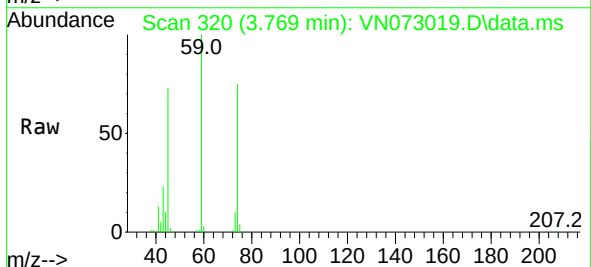
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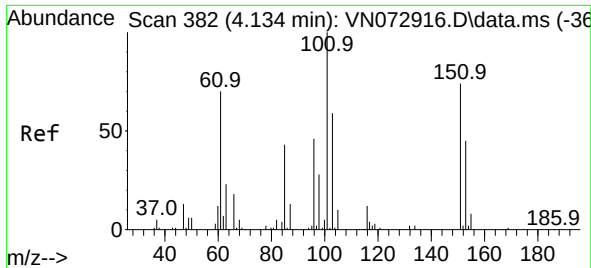
Tgt Ion:101 Resp: 205988
Ion Ratio Lower Upper
101 100
103 62.2 51.5 77.3



#8
Diethyl Ether
Concen: 54.183 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 74 Resp: 90947
Ion Ratio Lower Upper
74 100
45 101.1 42.9 128.5

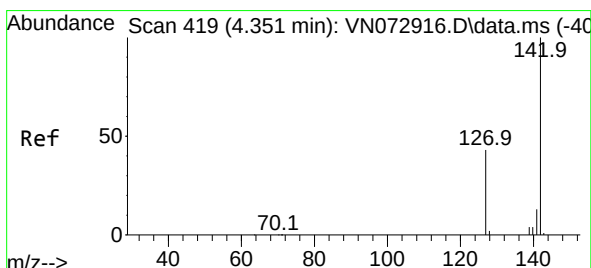
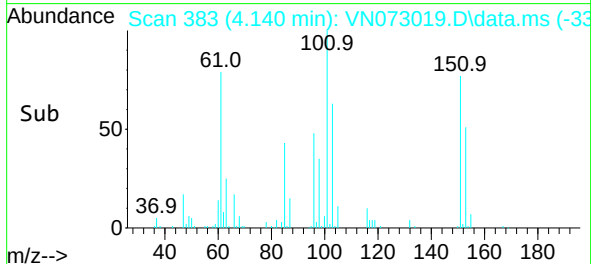
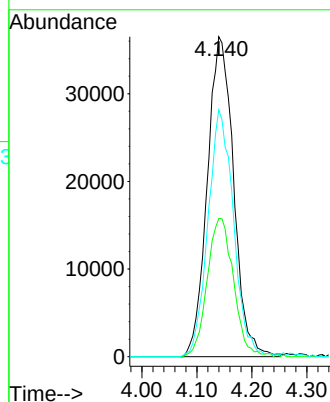
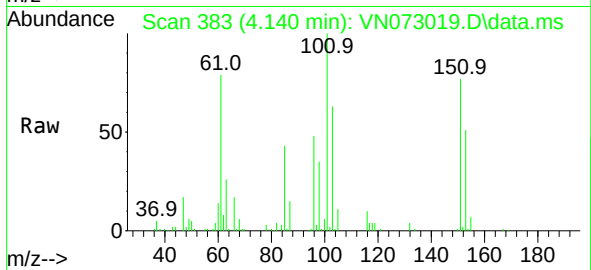




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.896 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073019.D
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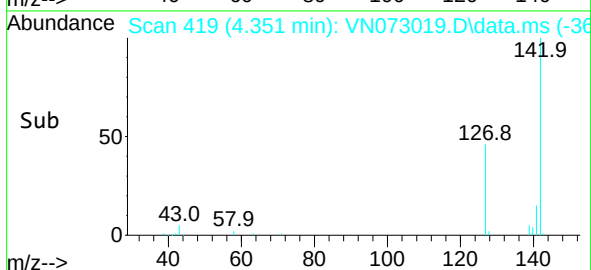
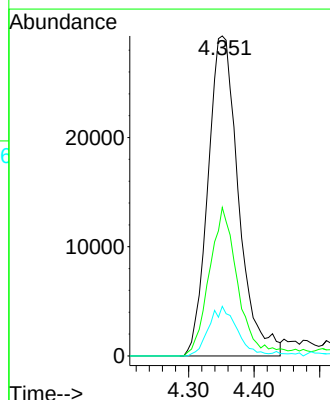
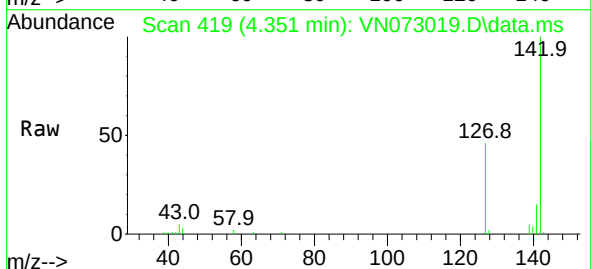
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ClientSampleId :
VSTDCCC050EC

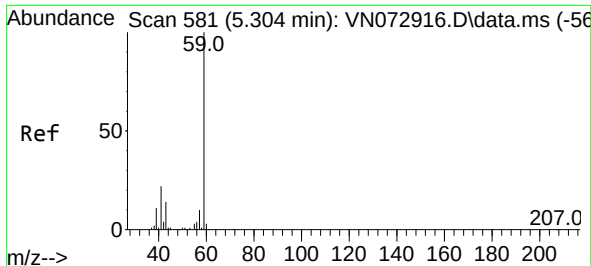
Tgt Ion:101 Resp: 121166
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 75.0 63.0 94.4



#10
Methyl Iodide
Concen: 36.816 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion:142 Resp: 94870
Ion Ratio Lower Upper
142 100
127 43.4 31.3 46.9
141 14.3 11.2 16.8

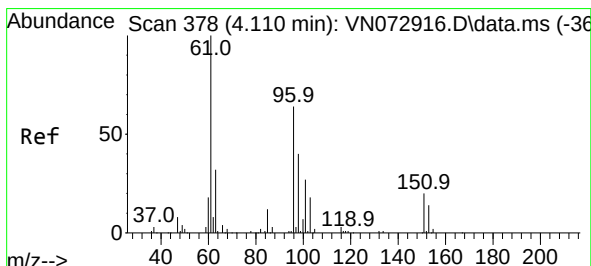
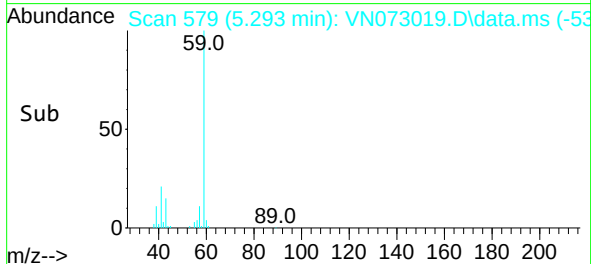
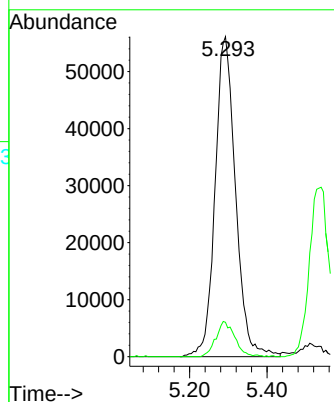
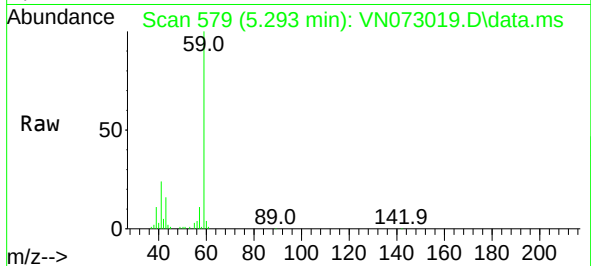




#11
Tert butyl alcohol
Concen: 251.808 ug/l
RT: 5.293 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

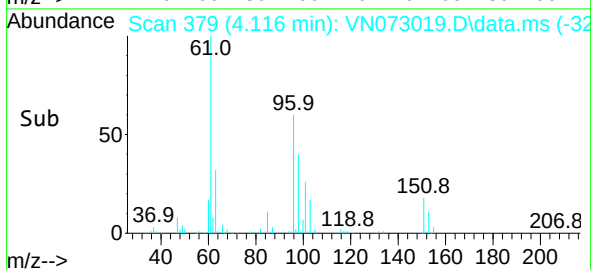
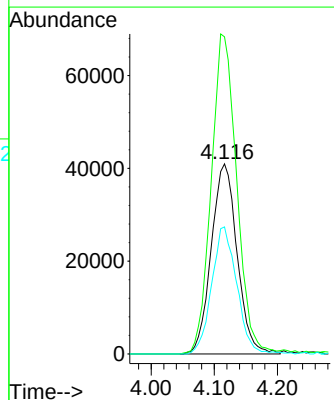
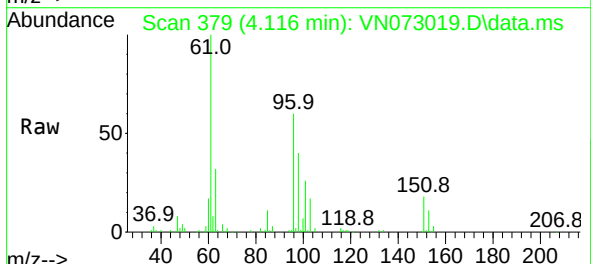
Instrument :
MSVOA_N
ClientSampleId :
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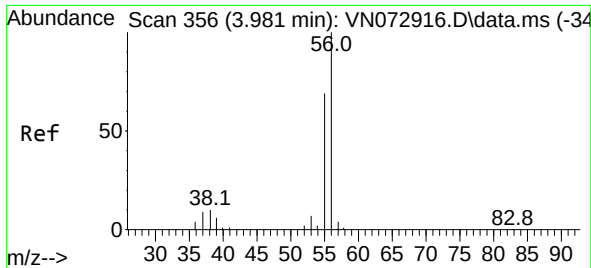
Tgt Ion: 59 Resp: 205691
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.077 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 96 Resp: 116622
Ion Ratio Lower Upper
96 100
61 166.9 127.6 191.4
98 66.8 51.2 76.8

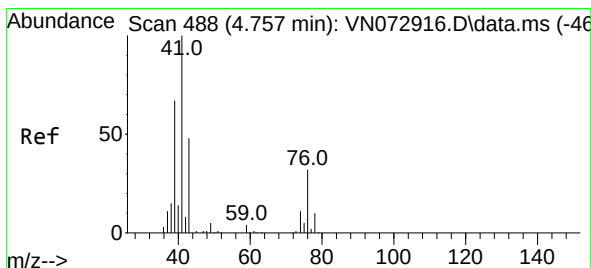
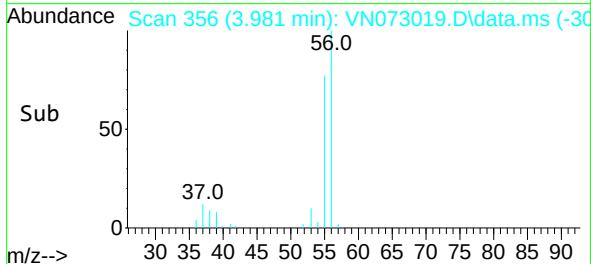
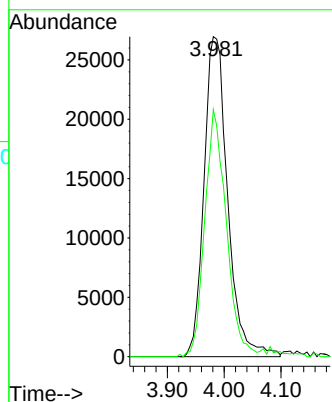
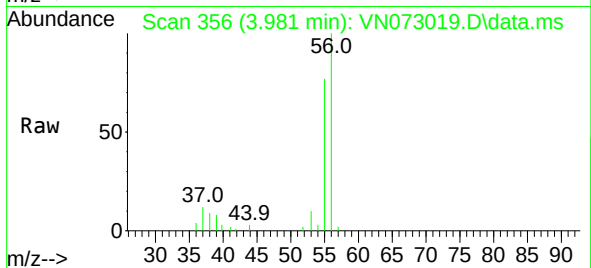




#13
Acrolein
Concen: 241.896 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

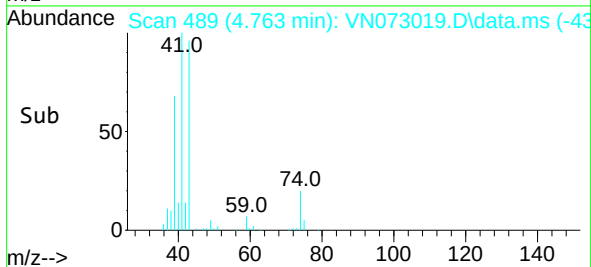
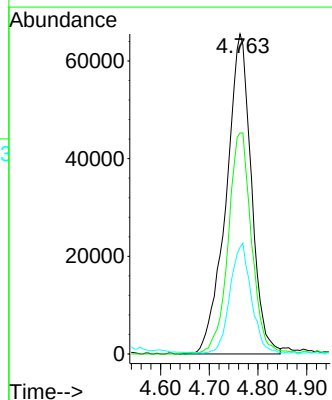
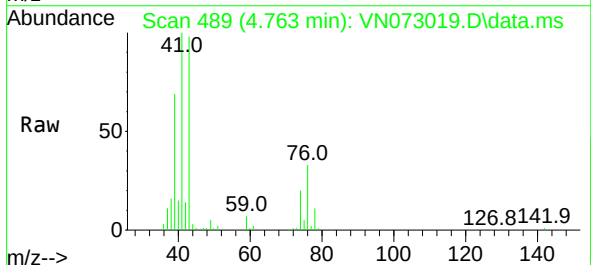
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

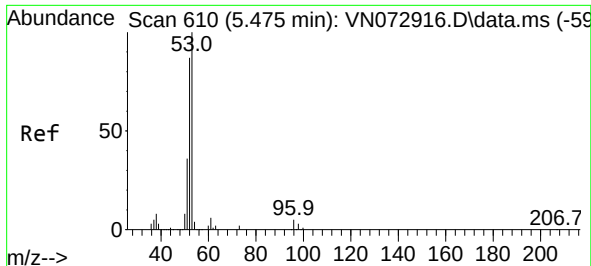
Tgt Ion: 56 Resp: 77821
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2



#14
Allyl chloride
Concen: 49.231 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 41 Resp: 235545
Ion Ratio Lower Upper
41 100
39 64.2 53.2 79.8
76 28.7 29.9 44.9#

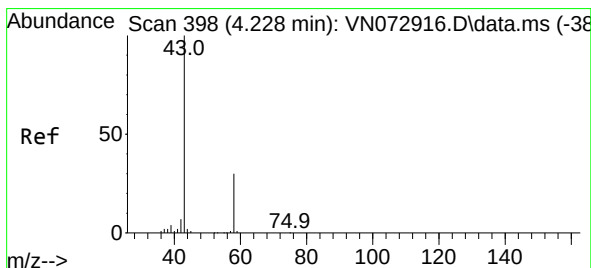
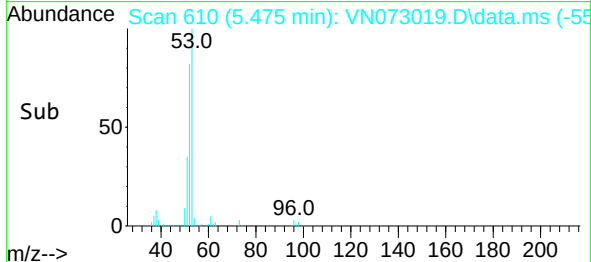
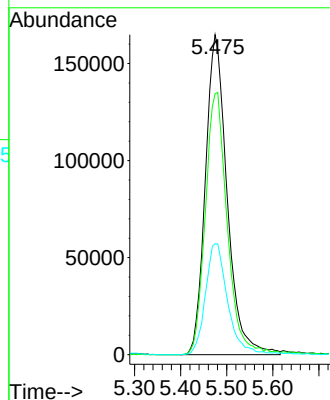
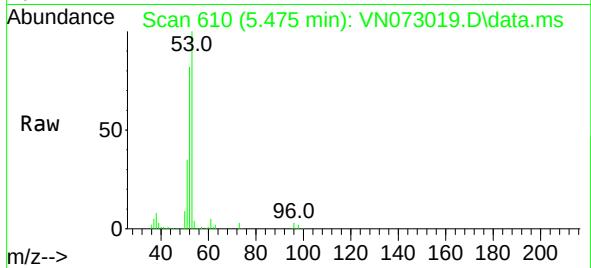




#15
Acrylonitrile
Concen: 288.124 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

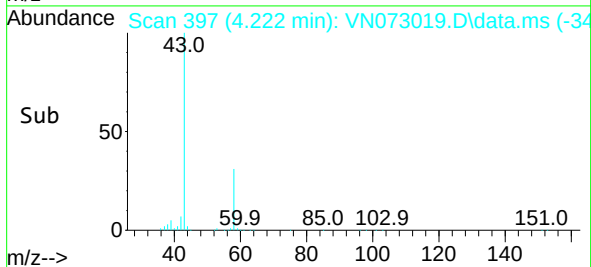
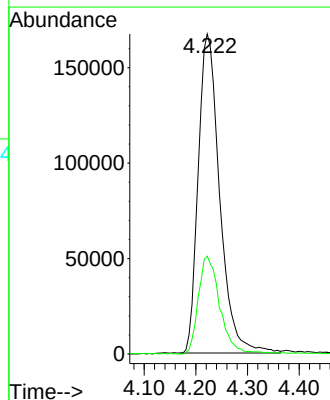
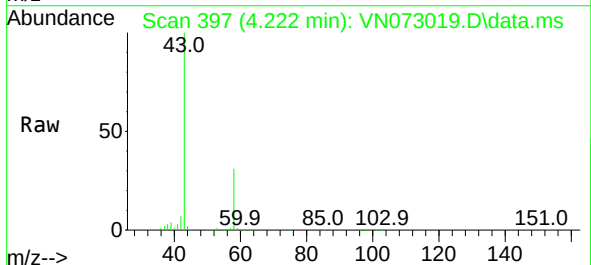
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

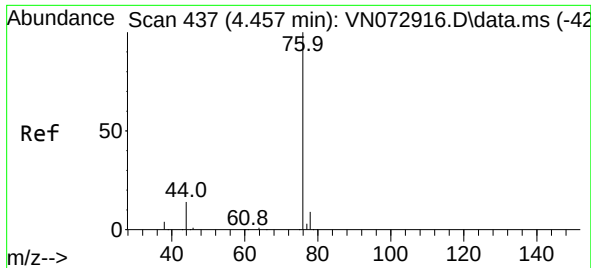
Tgt Ion: 53 Resp: 542545
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.8 28.5 42.7



#16
Acetone
Concen: 277.864 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 43 Resp: 483005
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0

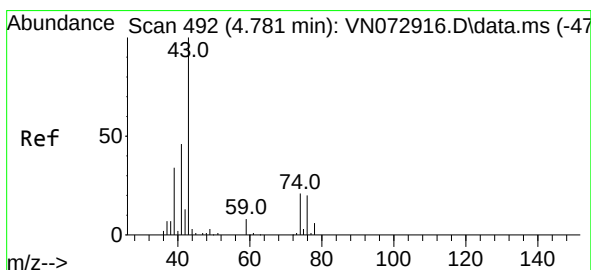
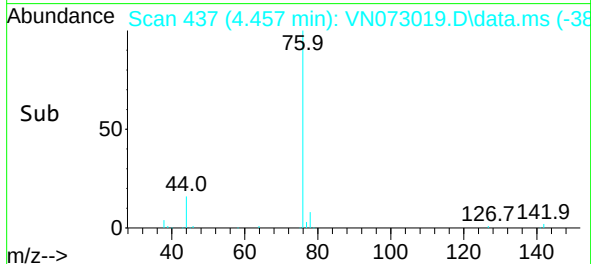
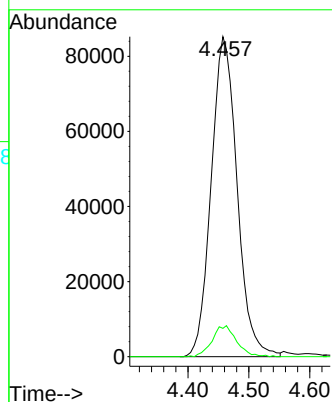
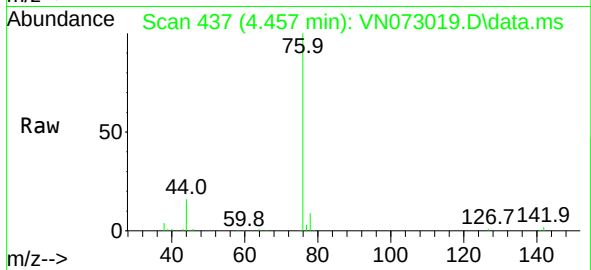




#17
Carbon Disulfide
Concen: 43.890 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

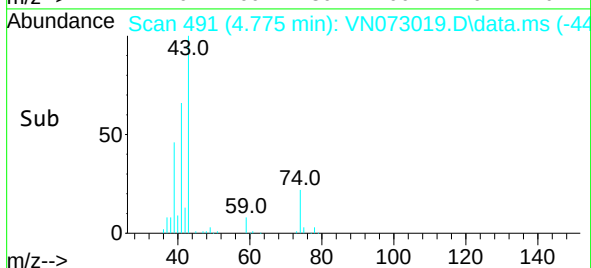
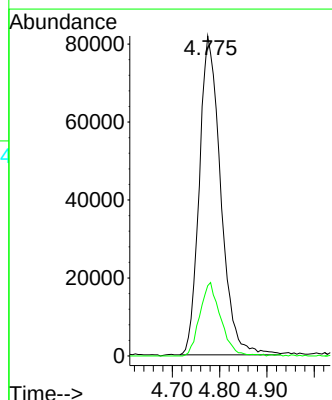
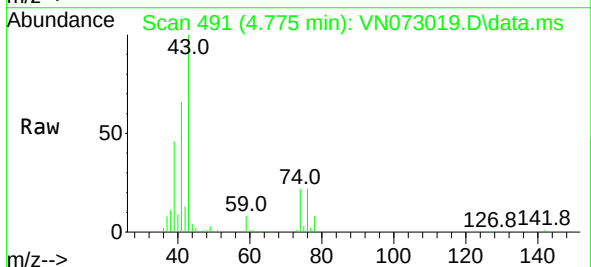
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

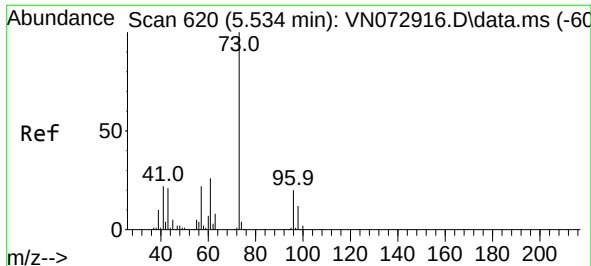
Tgt Ion: 76 Resp: 251828
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 55.610 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 43 Resp: 257416
Ion Ratio Lower Upper
43 100
74 22.2 21.6 32.4

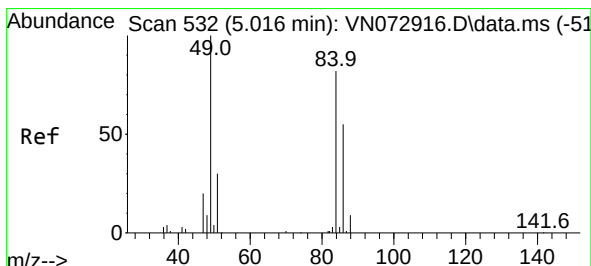
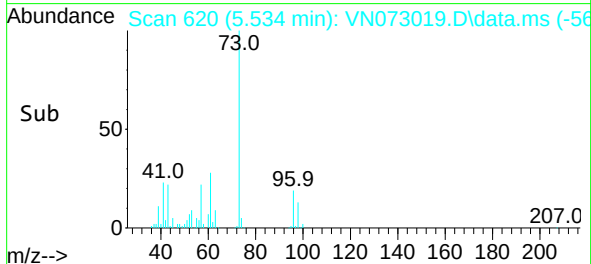
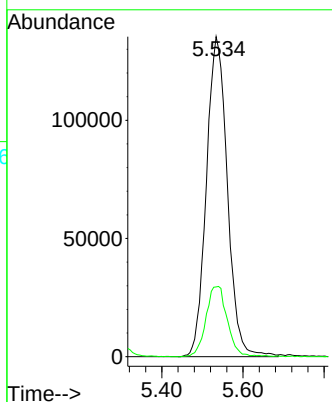
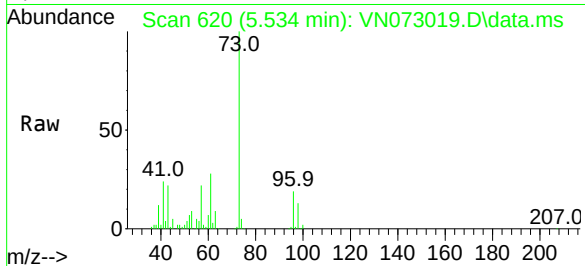




#19
Methyl tert-butyl Ether
Concen: 57.701 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

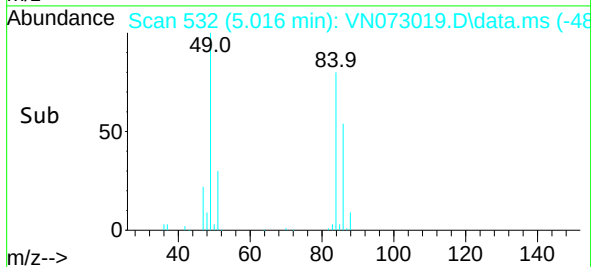
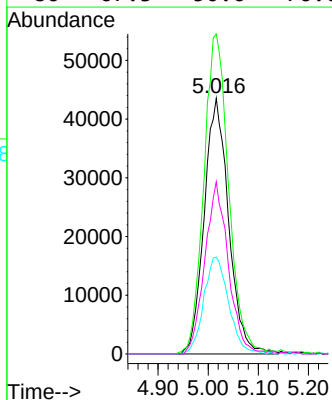
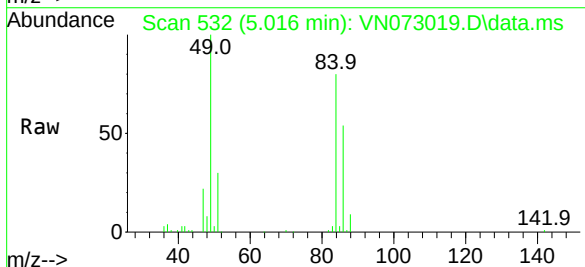
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

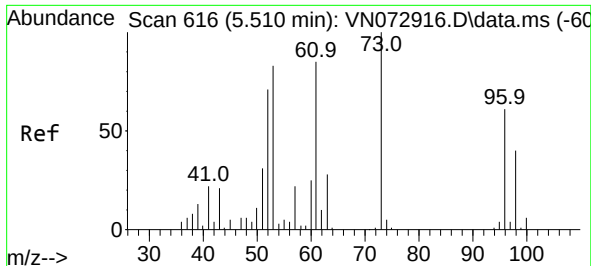
Tgt Ion: 73 Resp: 485290
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4



#20
Methylene Chloride
Concen: 54.724 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 84 Resp: 147486
Ion Ratio Lower Upper
84 100
49 124.7 88.3 132.5
51 37.9 28.2 42.2
86 67.3 50.6 76.0

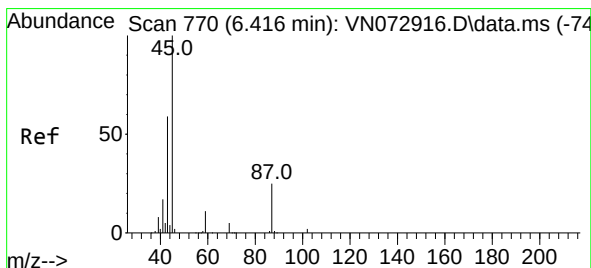
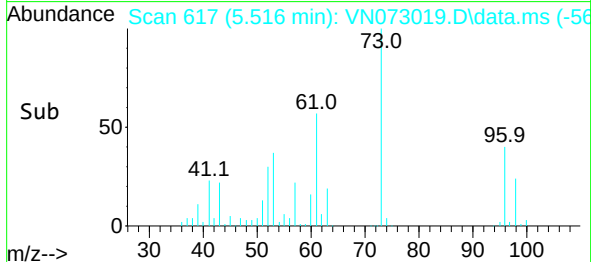
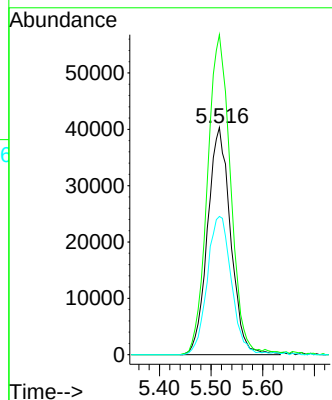
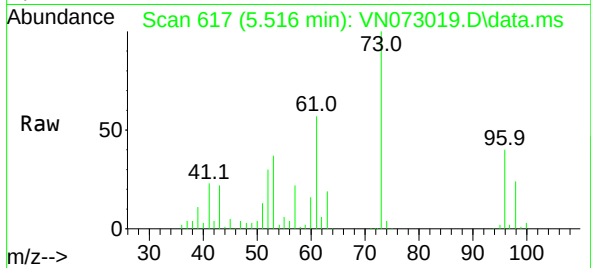




#21
trans-1,2-Dichloroethene
Concen: 51.322 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

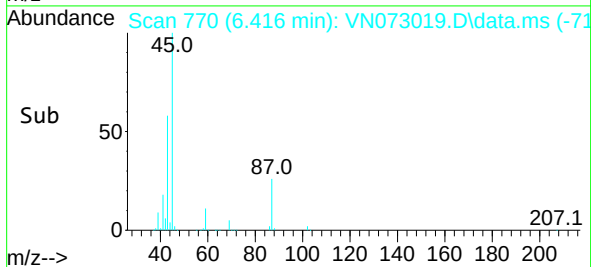
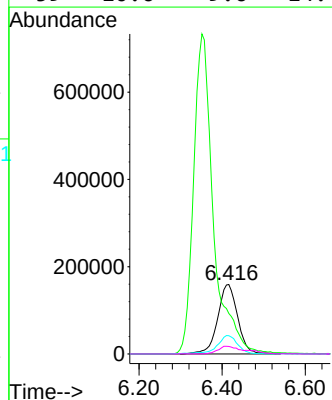
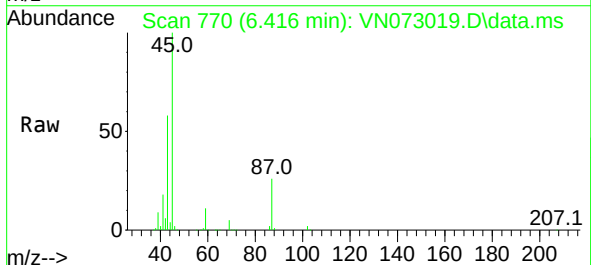
Instrument :
MSVOA_N
ClientSampleId :
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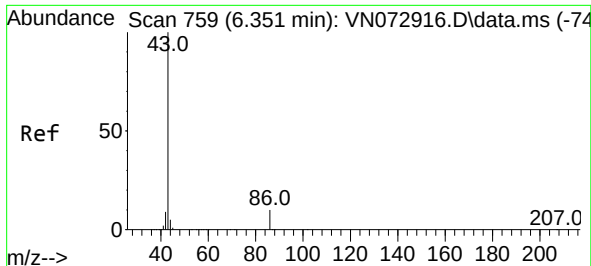
Tgt Ion: 96 Resp: 125017
Ion Ratio Lower Upper
96 100
61 140.8 105.8 158.8
98 60.9 50.3 75.5



#22
Diisopropyl ether
Concen: 59.530 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 45 Resp: 530976
Ion Ratio Lower Upper
45 100
43 56.5 46.6 70.0
87 26.1 24.3 36.5
59 10.6 9.6 14.4

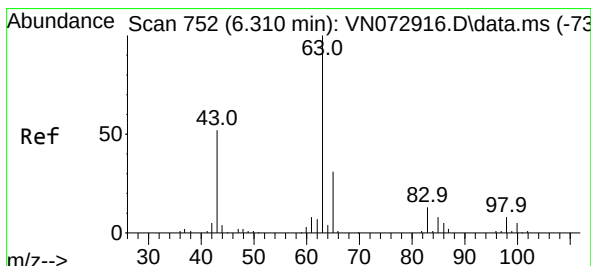
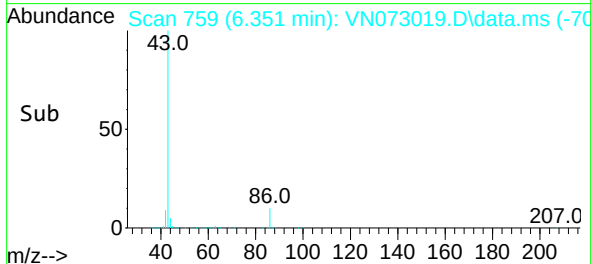
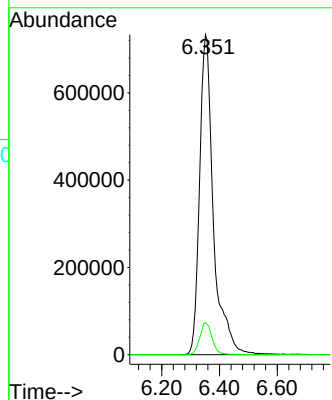
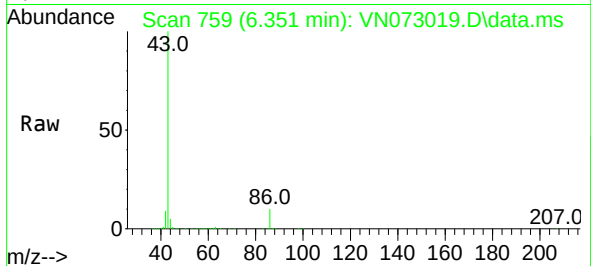




#23
 Vinyl Acetate
 Concen: 295.945 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

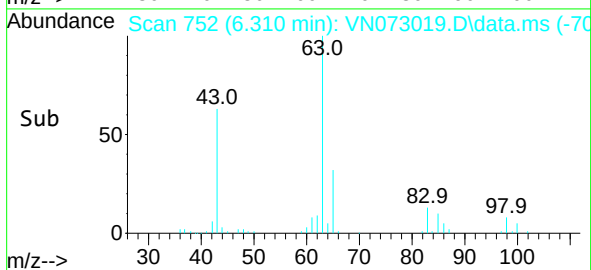
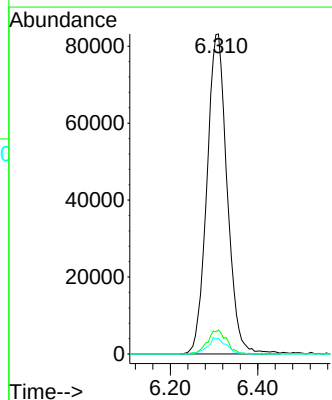
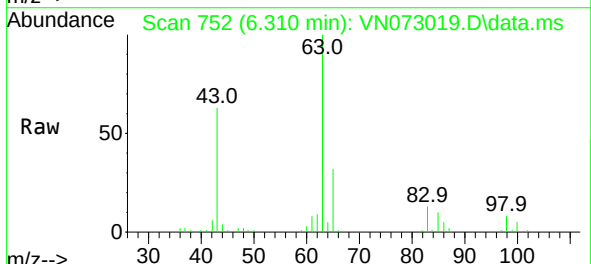
Instrument :
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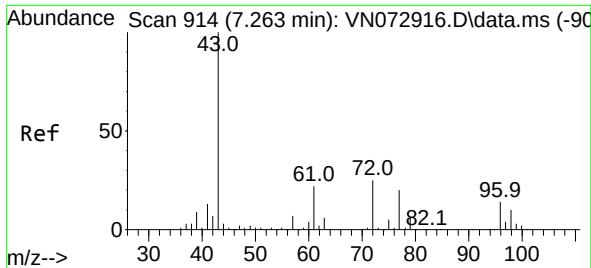
Tgt Ion: 43 Resp: 2436703
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 57.123 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.000 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

Tgt Ion: 63 Resp: 267121
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.9 2.3 6.8

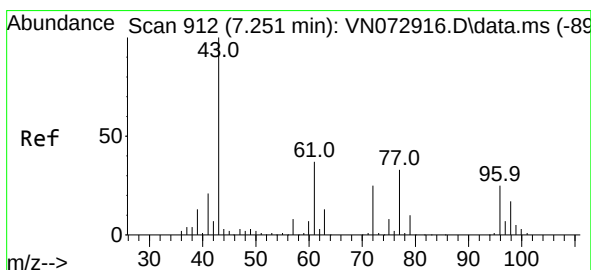
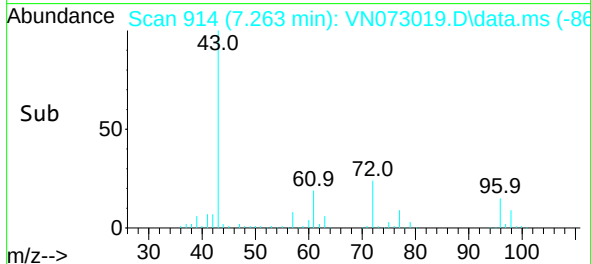
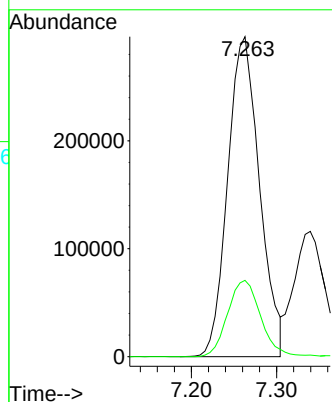
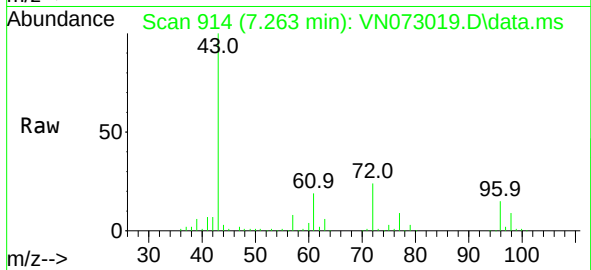




#25
2-Butanone
Concen: 279.584 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

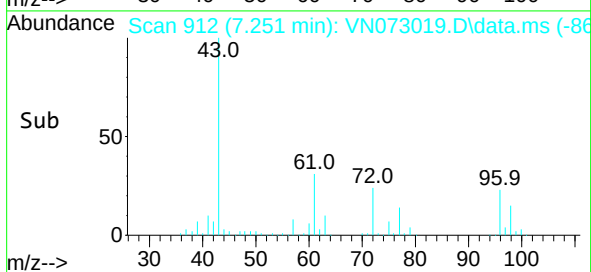
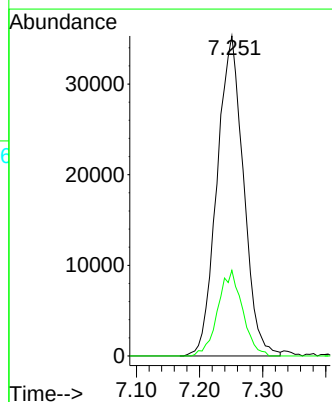
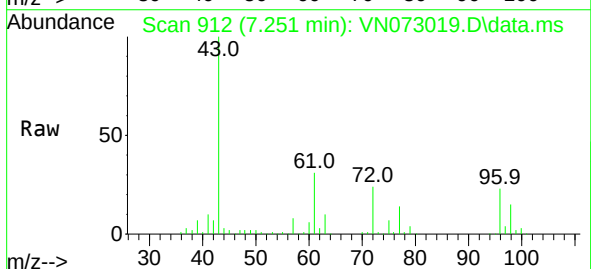
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

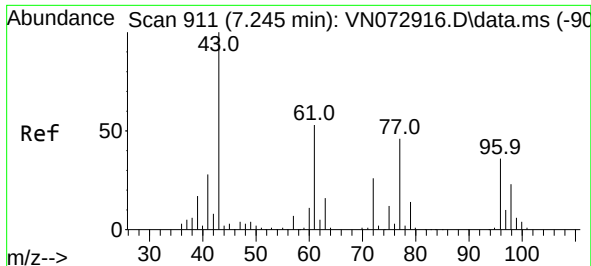
Tgt Ion: 43 Resp: 771200
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5



#26
2,2-Dichloropropane
Concen: 26.283 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 77 Resp: 103087
Ion Ratio Lower Upper
77 100
97 24.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 55.863 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

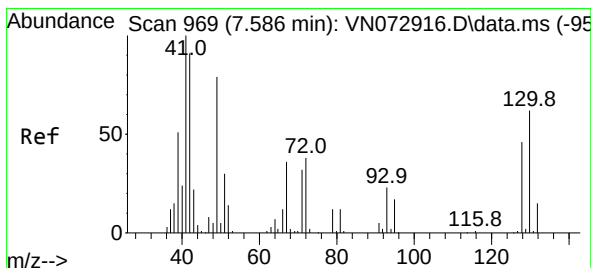
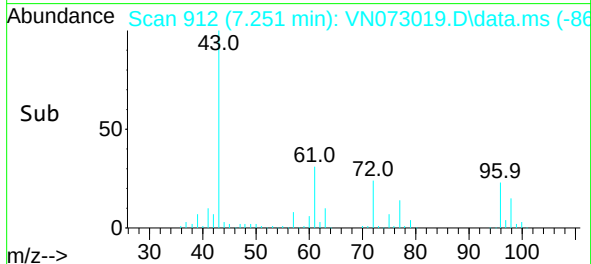
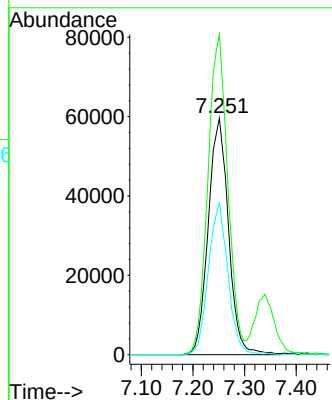
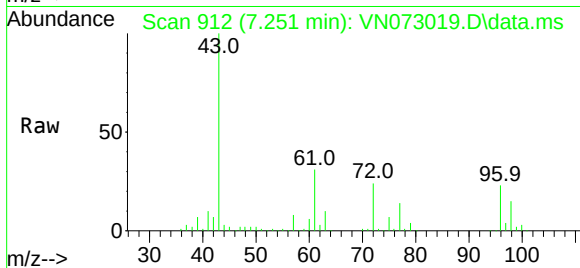
Tgt Ion: 96 Resp: 162576

Ion Ratio Lower Upper

96 100

61 132.3 0.0 280.6

98 61.7 0.0 128.4



#28

Bromochloromethane

Concen: 57.885 ug/l

RT: 7.586 min Scan# 969

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

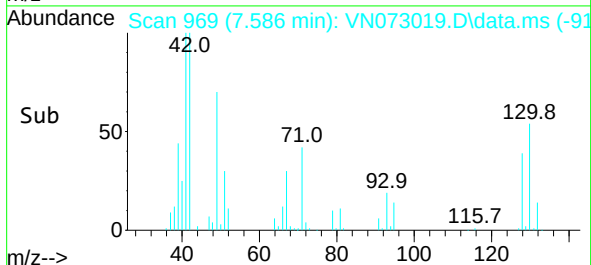
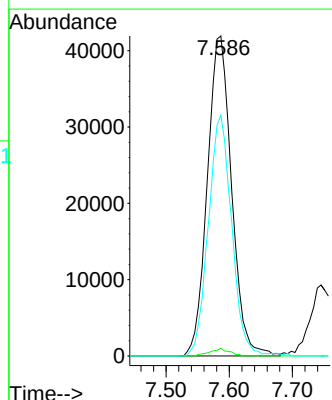
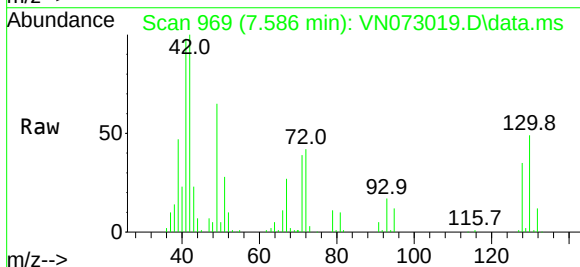
Tgt Ion: 49 Resp: 111945

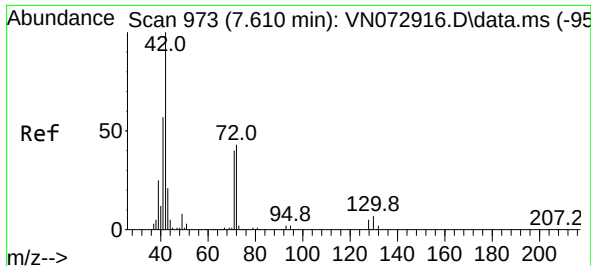
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 72.1 69.7 104.5

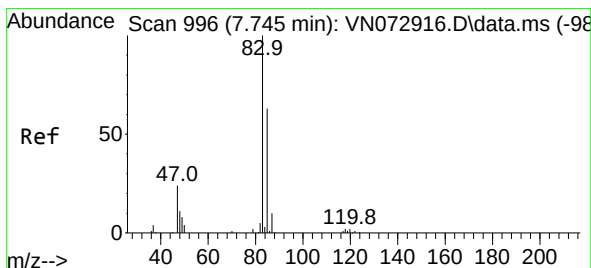
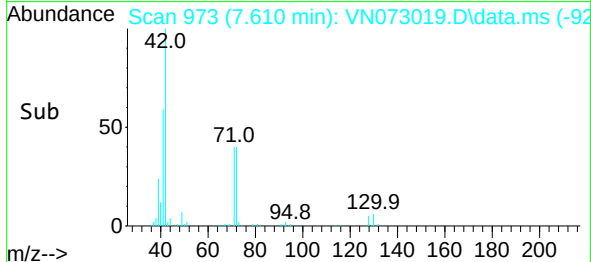
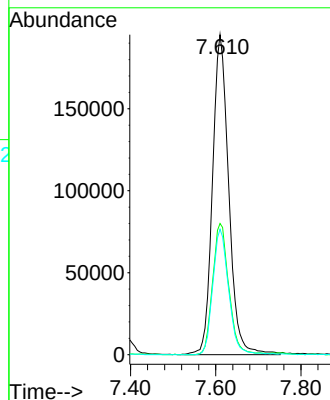
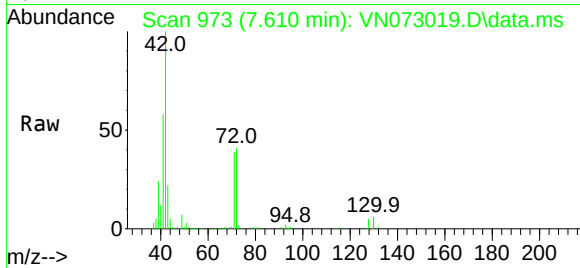




#29
Tetrahydrofuran
Concen: 284.432 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

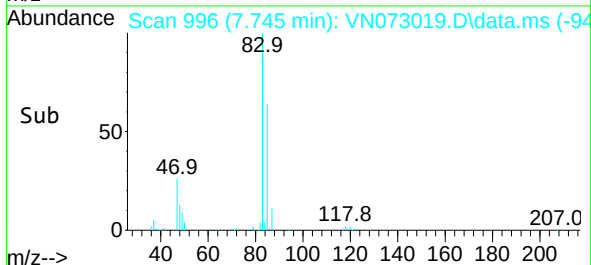
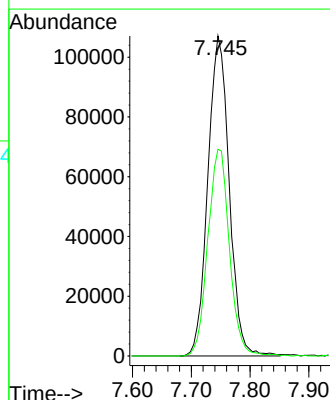
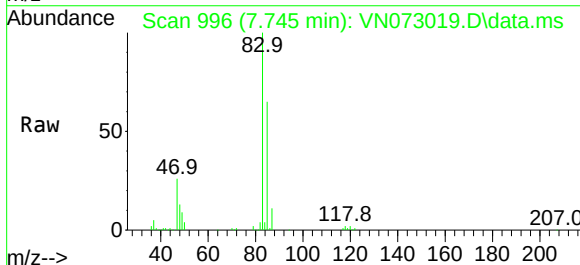
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

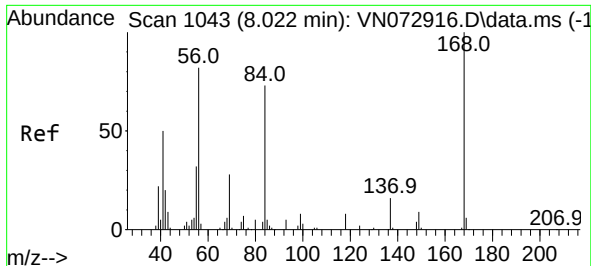
Tgt Ion: 42 Resp: 518099
Ion Ratio Lower Upper
42 100
72 40.9 39.7 59.5
71 38.3 36.6 55.0



#30
Chloroform
Concen: 57.073 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 83 Resp: 270181
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8

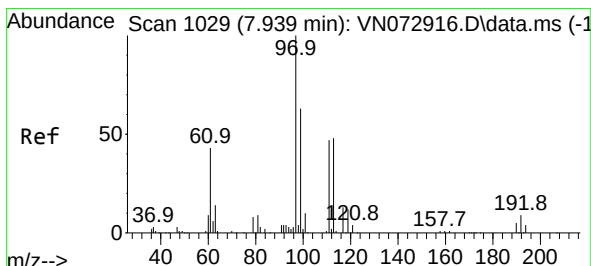
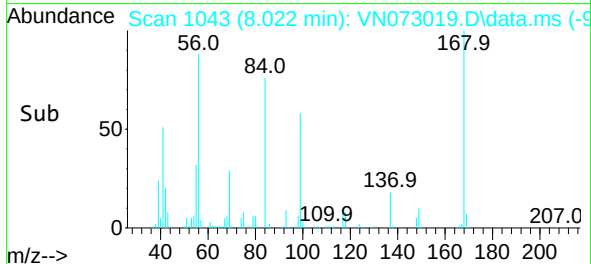
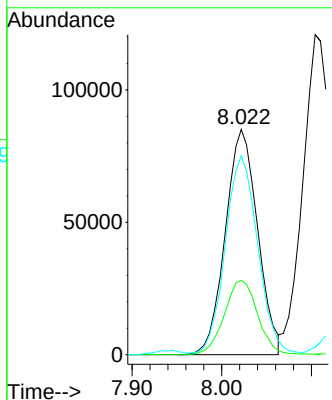
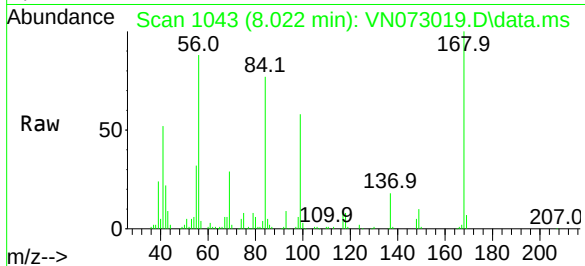




#31
Cyclohexane
Concen: 49.655 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

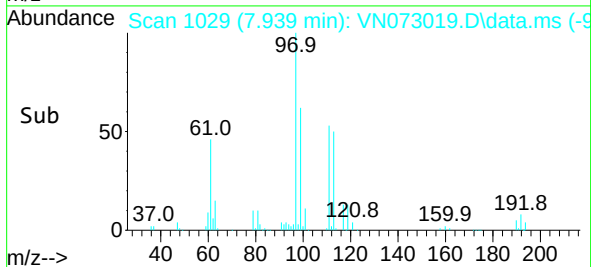
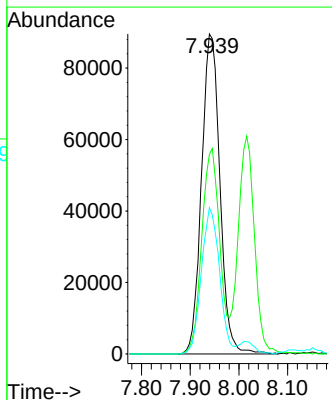
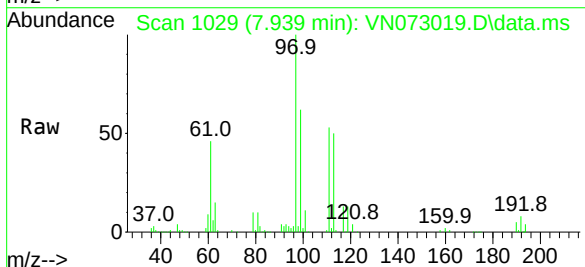
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

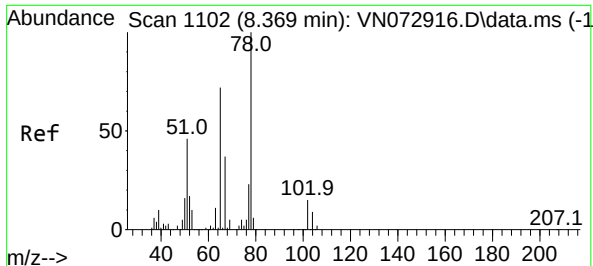
Tgt Ion: 56 Resp: 212403
Ion Ratio Lower Upper
56 100
69 32.9 27.8 41.8
84 86.9 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 56.449 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 97 Resp: 234501
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 45.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 58.643 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

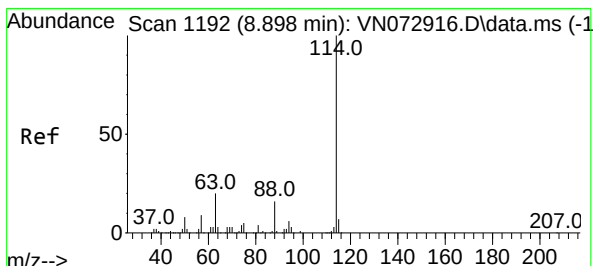
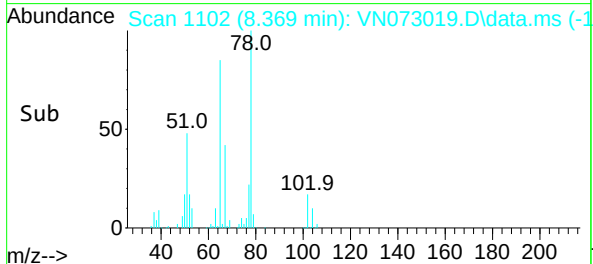
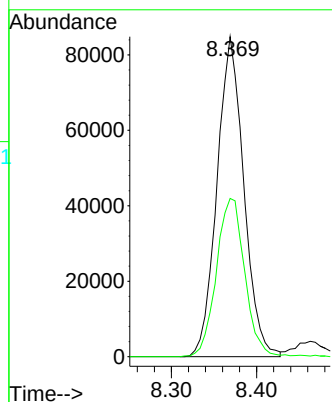
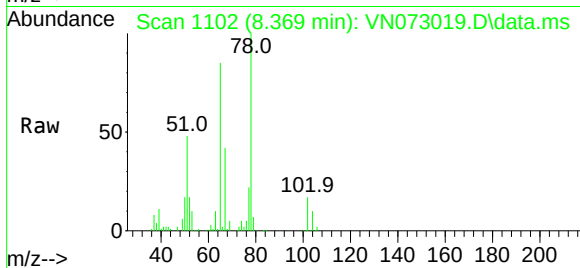
VSTDCCC050EC

Tgt Ion: 65 Resp: 185446

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

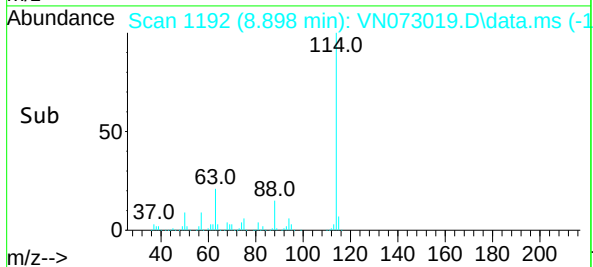
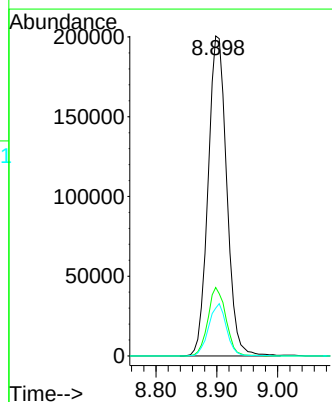
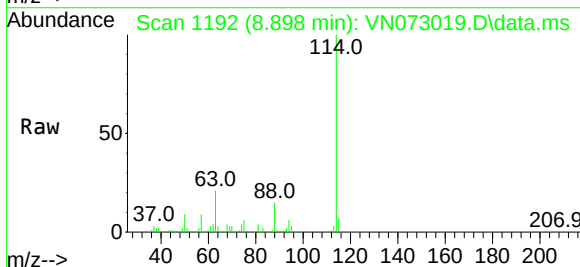
Tgt Ion: 114 Resp: 426554

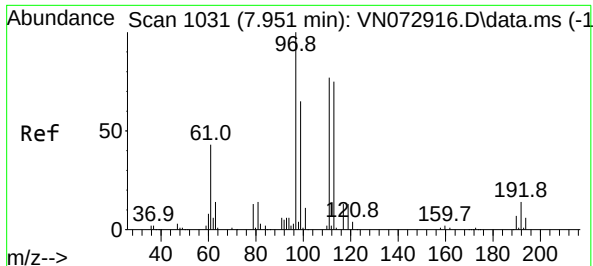
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.941 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

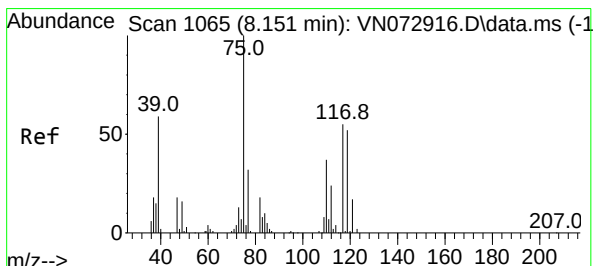
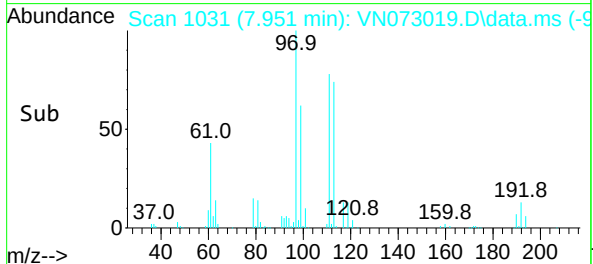
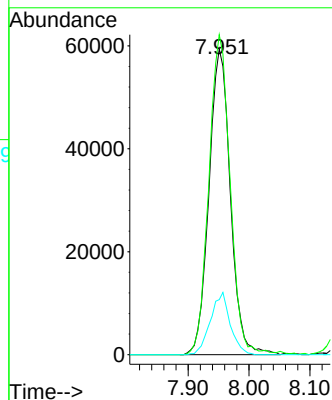
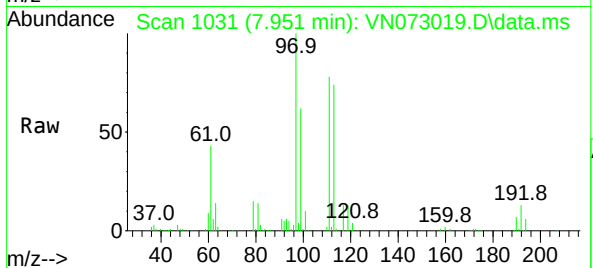
Tgt Ion:113 Resp: 144851

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 18.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 50.888 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

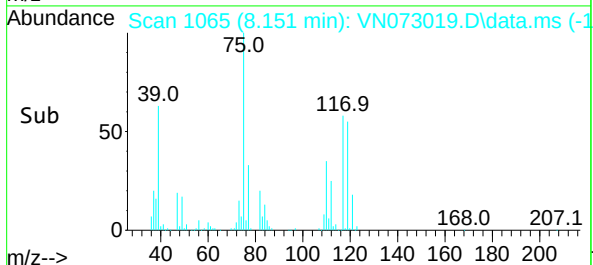
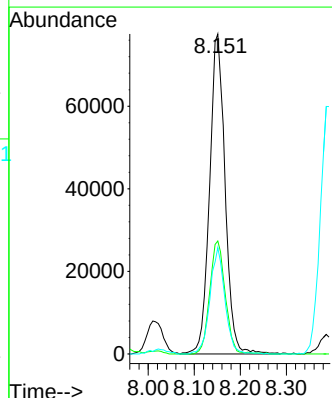
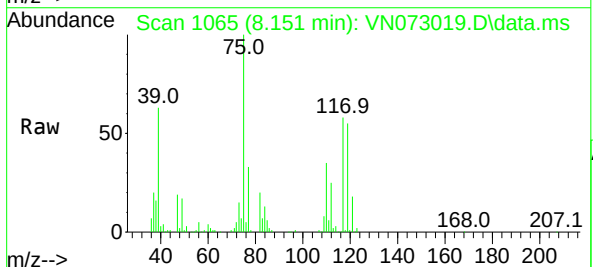
Tgt Ion: 75 Resp: 181543

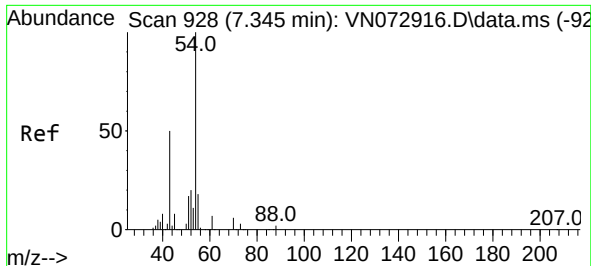
Ion Ratio Lower Upper

75 100

110 35.4 18.3 54.8

77 32.1 25.1 37.7

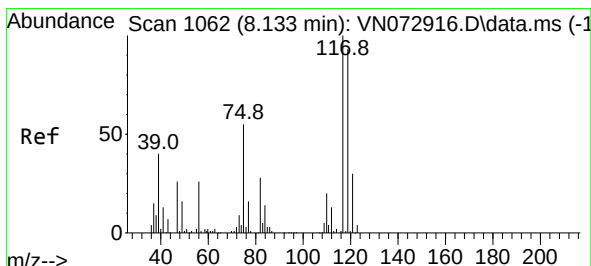
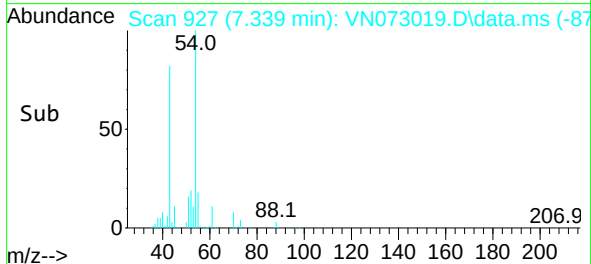
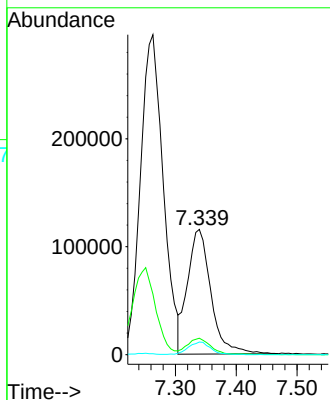
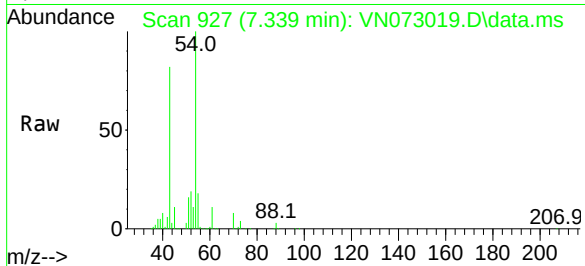




#37
Ethyl Acetate
Concen: 54.043 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

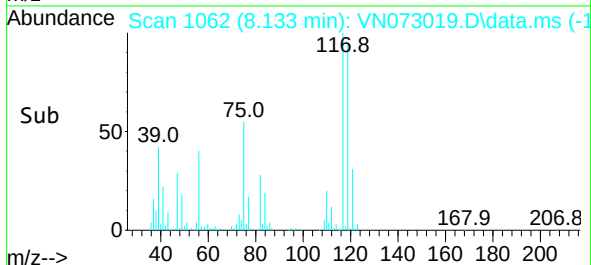
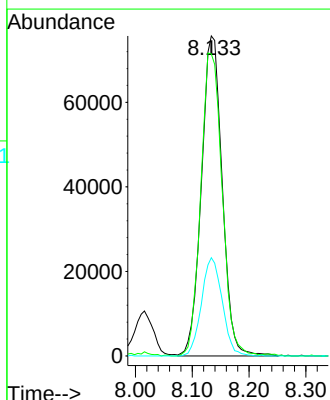
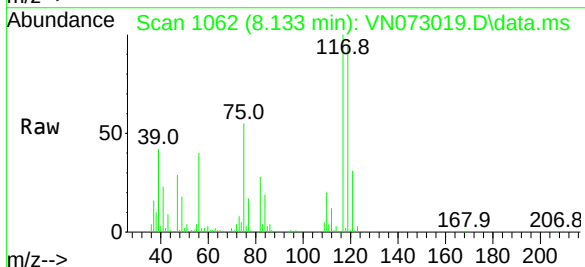
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

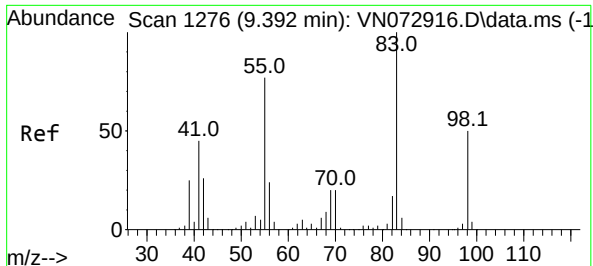
Tgt Ion: 43 Resp: 308384
Ion Ratio Lower Upper
43 100
61 13.2 11.8 17.6
70 9.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 51.303 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 117 Resp: 192512
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 47.222 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

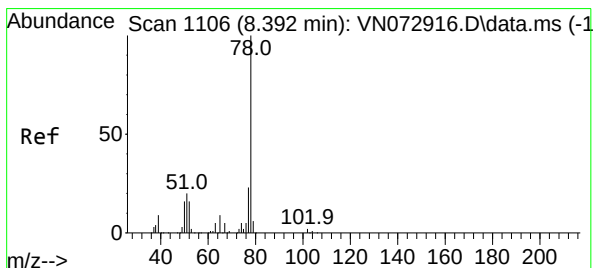
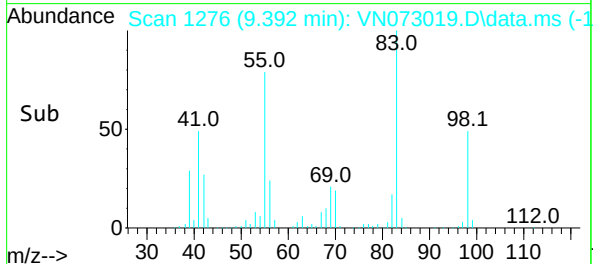
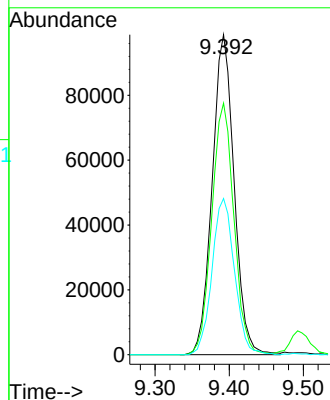
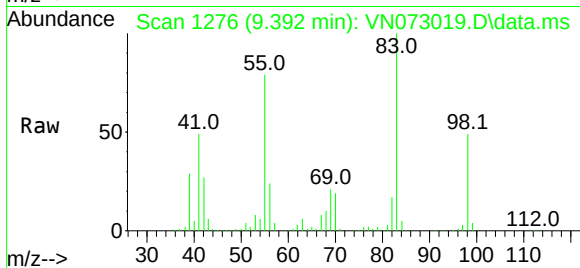
Tgt Ion: 83 Resp: 203058

Ion Ratio Lower Upper

83 100

55 78.6 57.8 86.8

98 48.8 39.4 59.2



#40

Benzene

Concen: 52.426 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073019.D

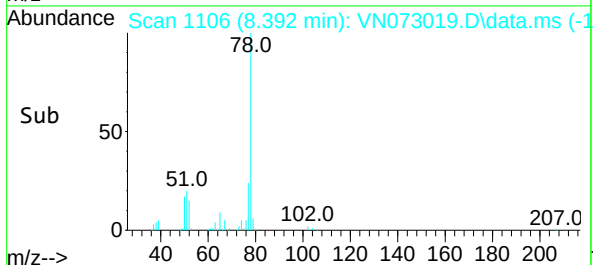
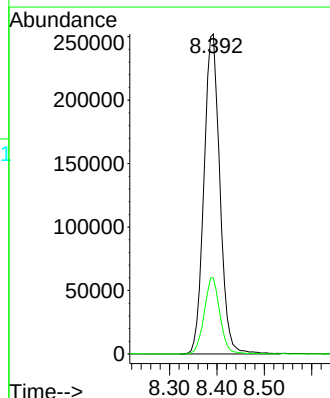
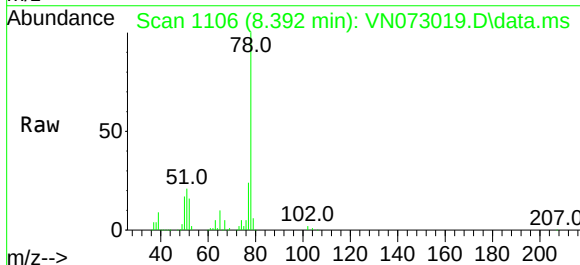
Acq: 22 Jun 2022 11:21

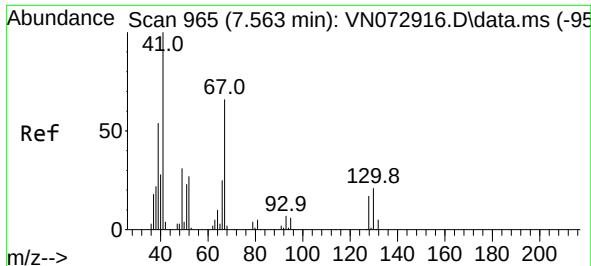
Tgt Ion: 78 Resp: 587786

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

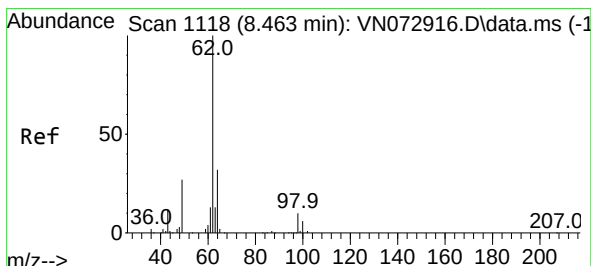
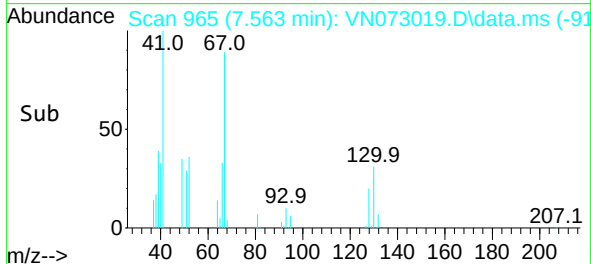
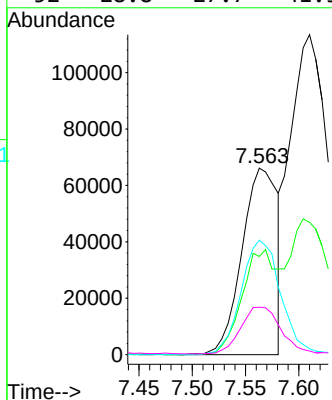
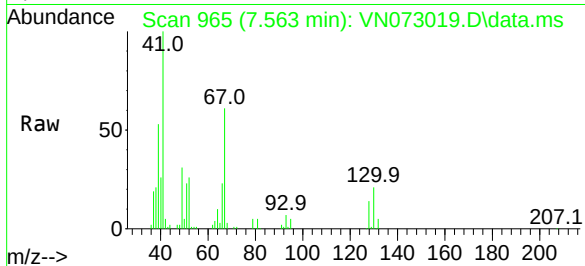




#41
Methacrylonitrile
Concen: 56.463 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

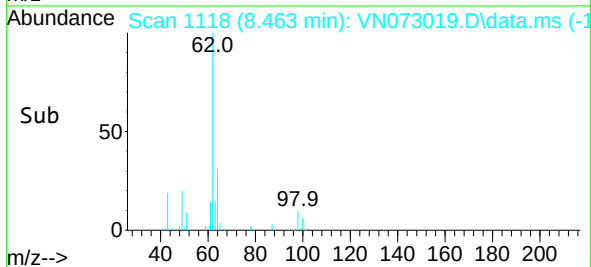
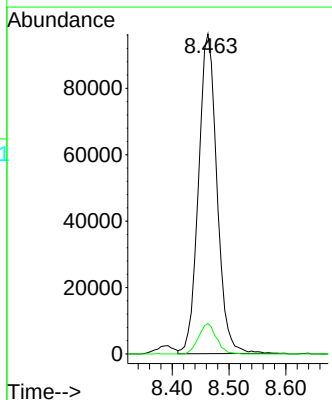
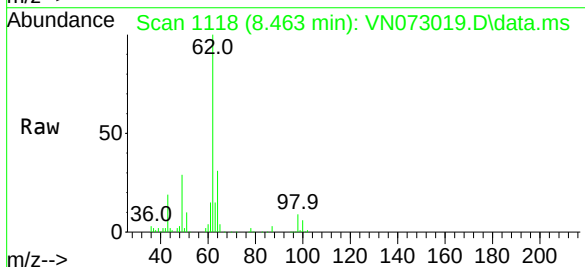
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

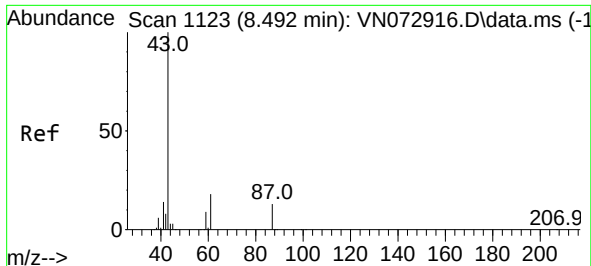
Tgt Ion: 41 Resp: 152785
Ion Ratio Lower Upper
41 100
39 54.8 48.6 73.0
67 68.8 73.4 110.2#
52 28.8 27.7 41.5



#42
1,2-Dichloroethane
Concen: 54.594 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 62 Resp: 217402
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4

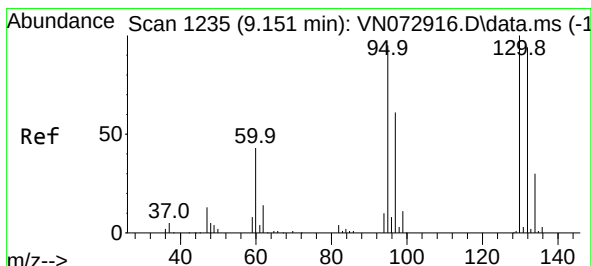
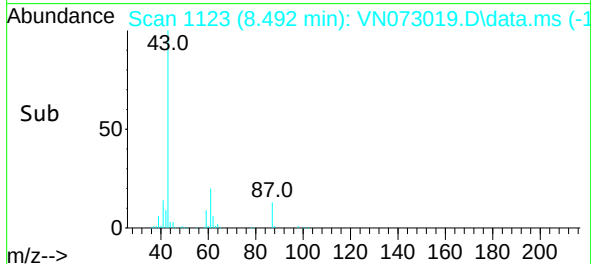
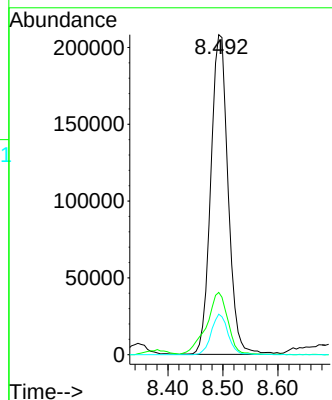
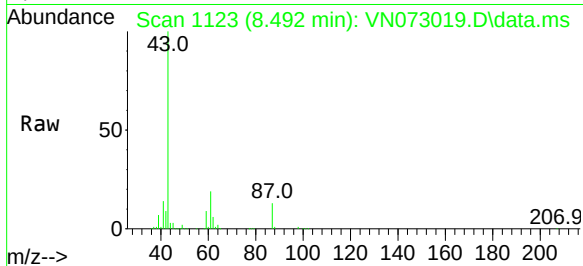




#43
Isopropyl Acetate
Concen: 55.896 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

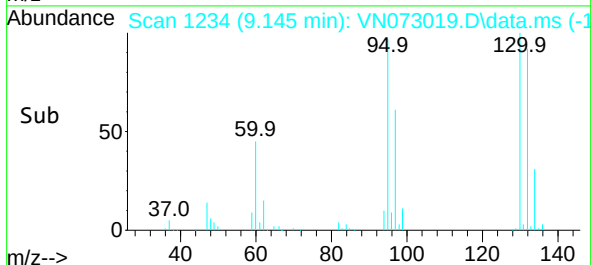
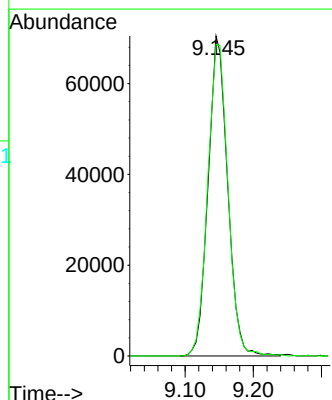
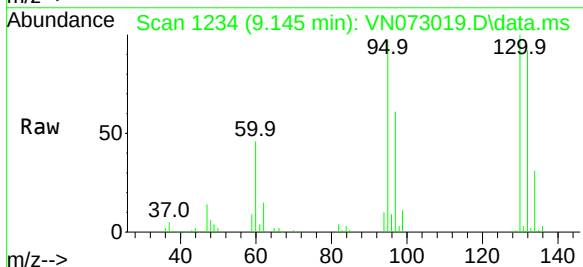
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

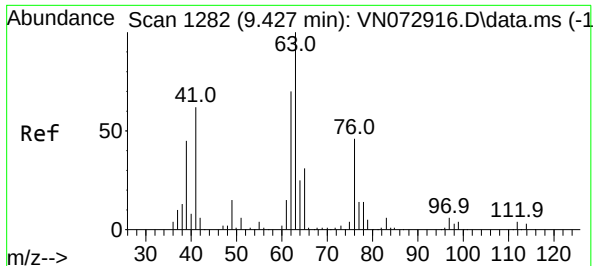
Tgt Ion: 43 Resp: 455934
Ion Ratio Lower Upper
43 100
61 23.9 21.9 32.9
87 12.2 12.0 18.0



#44
Trichloroethene
Concen: 49.470 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion:130 Resp: 140555
Ion Ratio Lower Upper
130 100
95 97.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 55.157 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

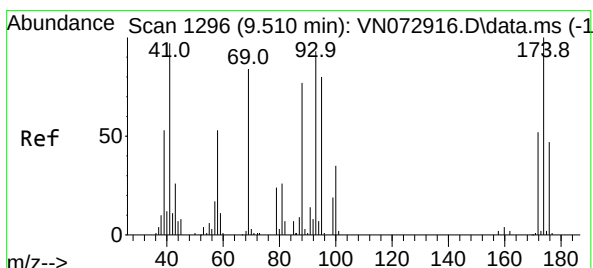
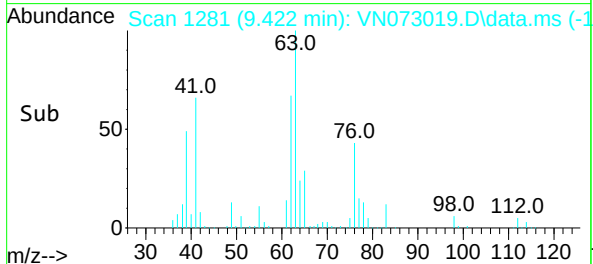
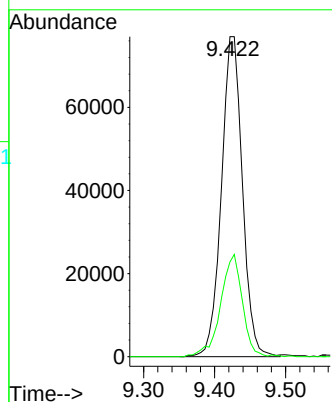
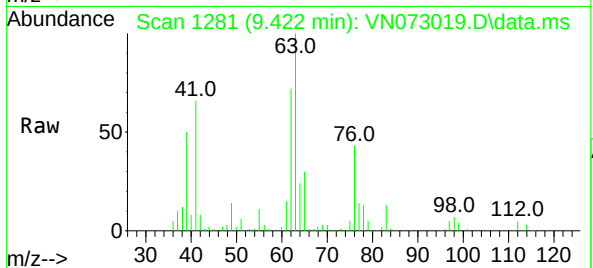
VSTDCCC050EC

Tgt Ion: 63 Resp: 158070

Ion Ratio Lower Upper

63 100

65 29.6 24.9 37.3



#46

Dibromomethane

Concen: 54.324 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

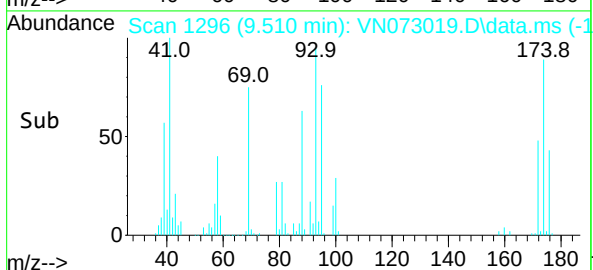
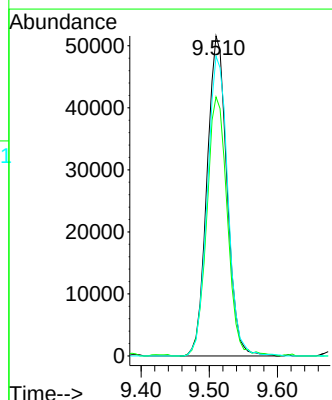
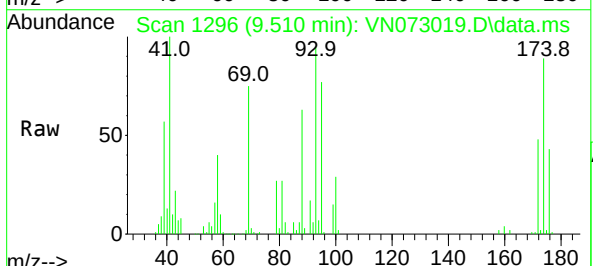
Tgt Ion: 93 Resp: 105268

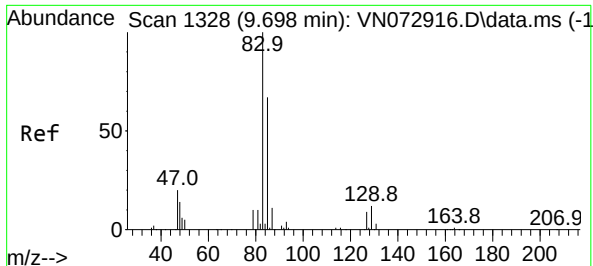
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

174 96.2 86.6 130.0

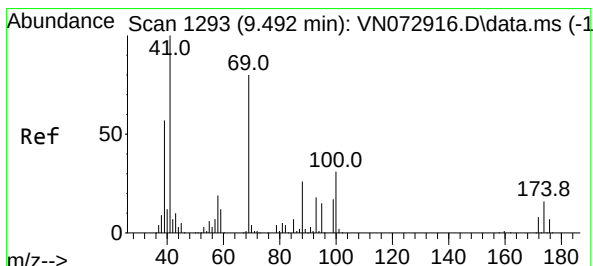
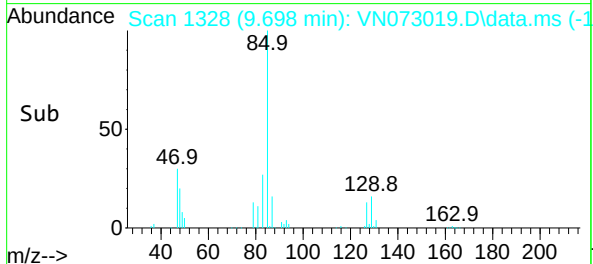
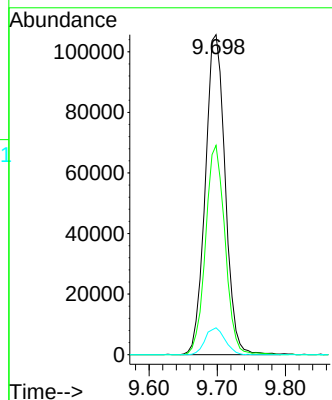
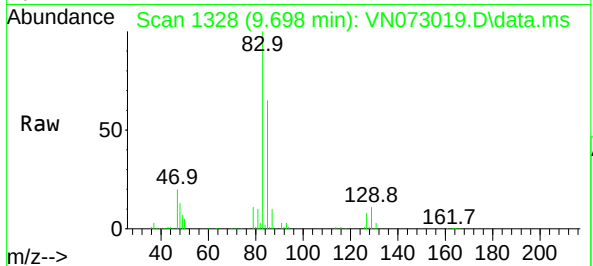




#47
Bromodichloromethane
Concen: 55.773 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

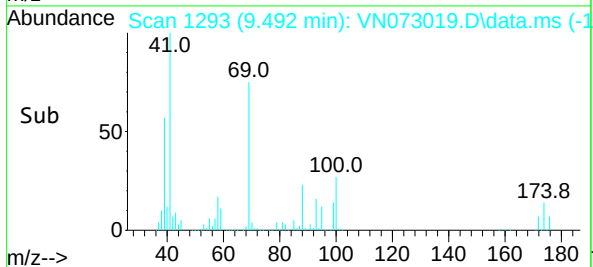
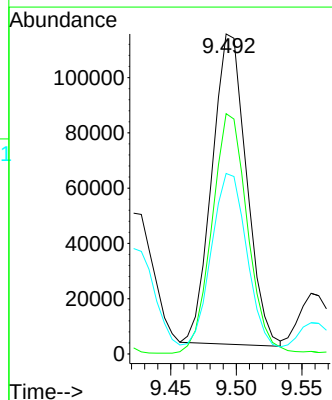
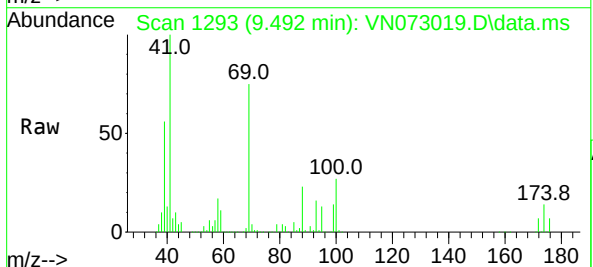
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

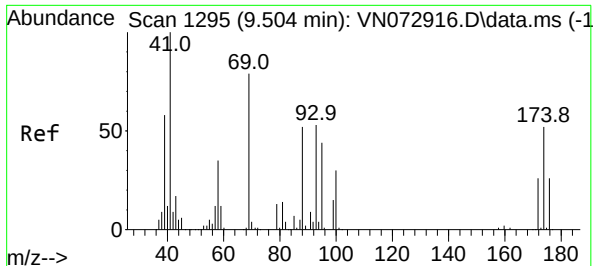
Tgt Ion: 83 Resp: 214787
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 55.032 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 41 Resp: 204946
Ion Ratio Lower Upper
41 100
69 81.1 74.7 112.1
39 61.8 45.6 68.4





#49

1,4-Dioxane

Concen: 946.535 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

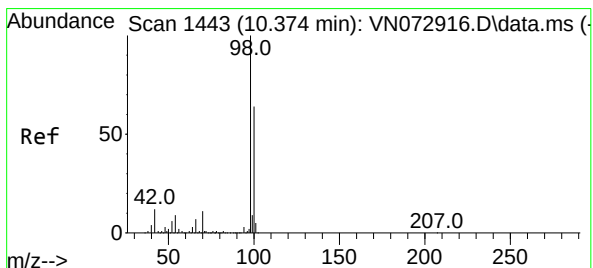
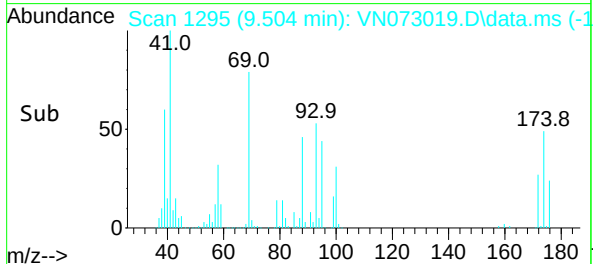
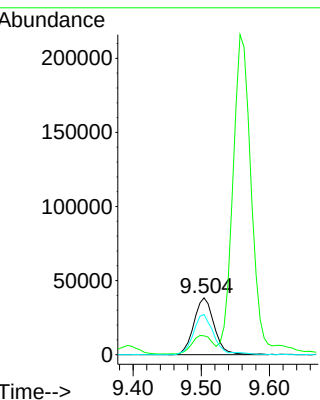
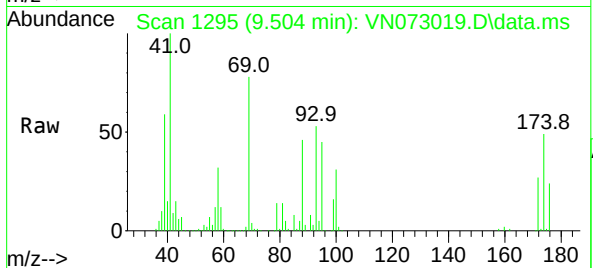
Tgt Ion: 88 Resp: 79314

Ion Ratio Lower Upper

88 100

43 32.7 20.2 30.4#

58 71.9 54.2 81.4



#50

Toluene-d8

Concen: 55.503 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073019.D

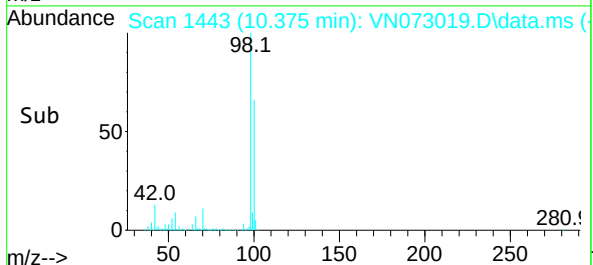
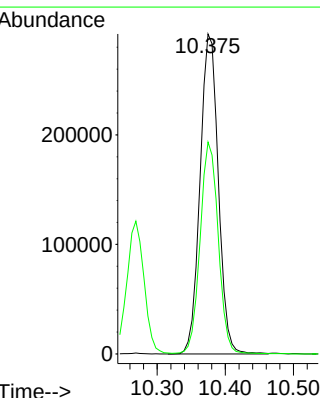
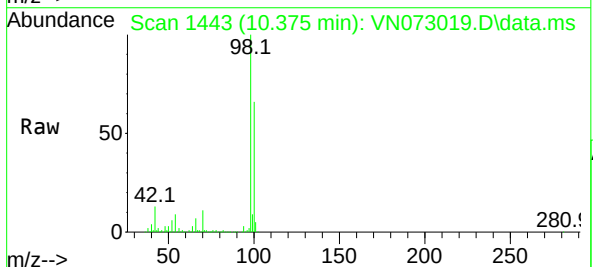
Acq: 22 Jun 2022 11:21

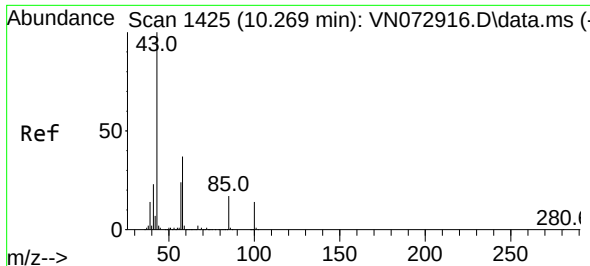
Tgt Ion: 98 Resp: 544513

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

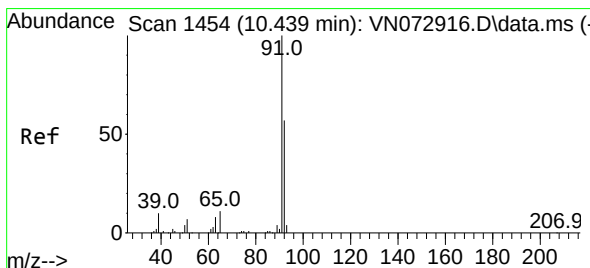
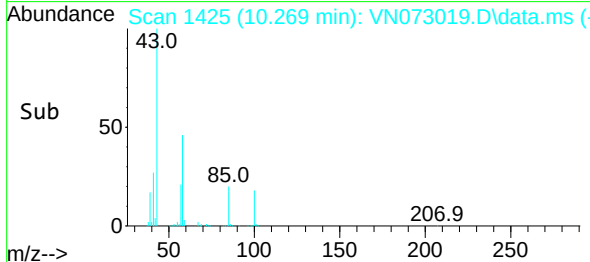
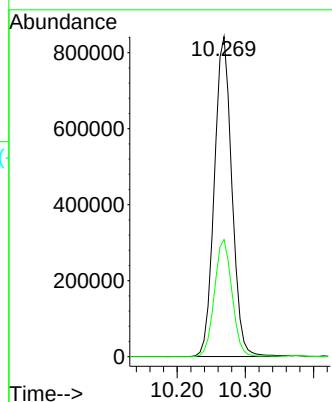
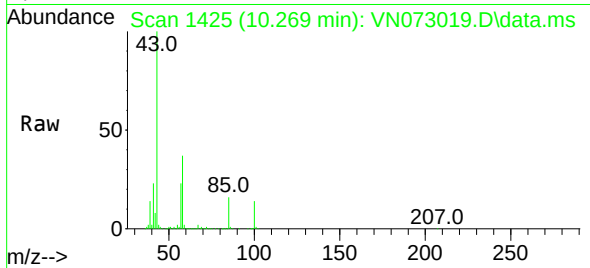




#51
4-Methyl-2-Pentanone
Concen: 283.407 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

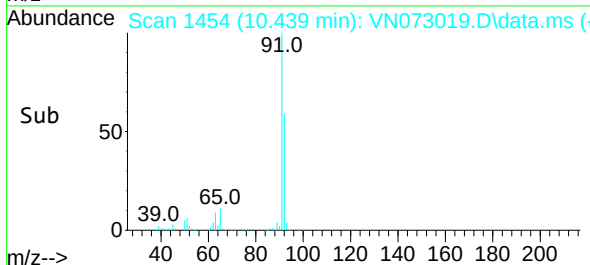
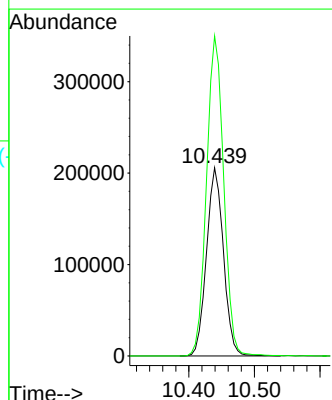
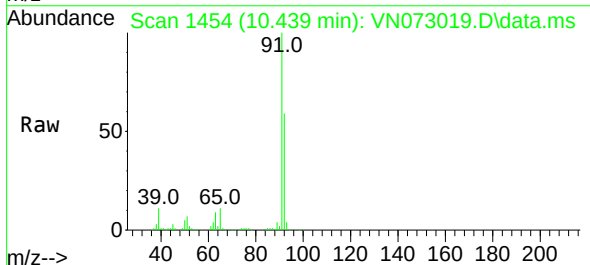
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

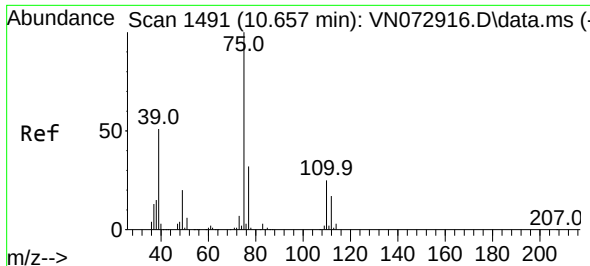
Tgt Ion: 43 Resp: 1507459
Ion Ratio Lower Upper
43 100
58 36.8 34.1 51.1



#52
Toluene
Concen: 53.879 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 92 Resp: 370872
Ion Ratio Lower Upper
92 100
91 172.1 138.6 207.8

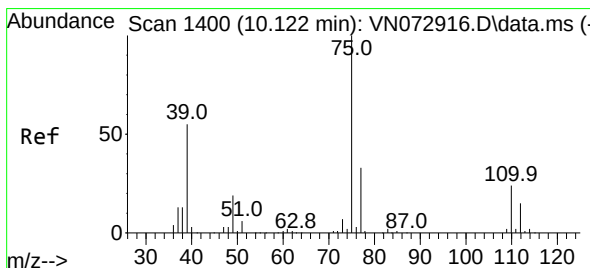
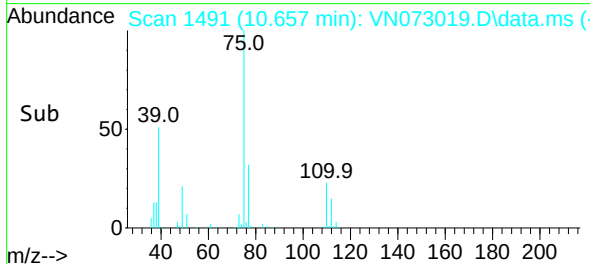
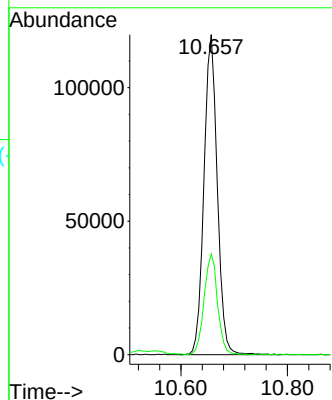
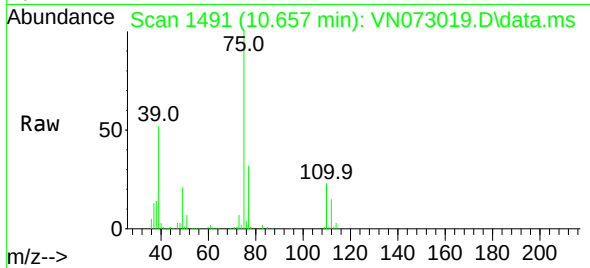




#53
t-1,3-Dichloropropene
Concen: 50.117 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

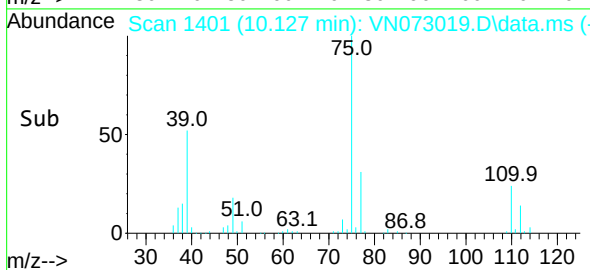
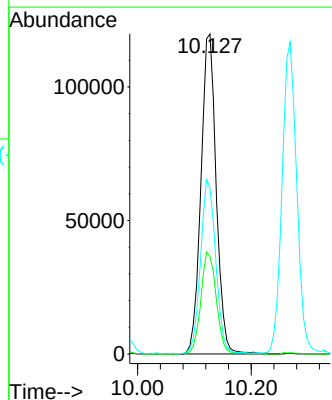
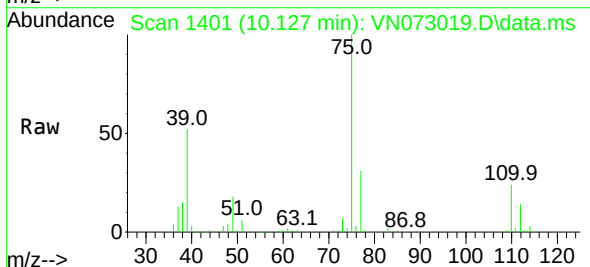
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

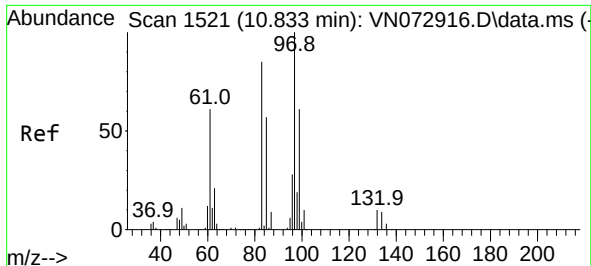
Tgt Ion: 75 Resp: 207568
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 49.412 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 75 Resp: 223537
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8
39 51.8 35.7 53.5



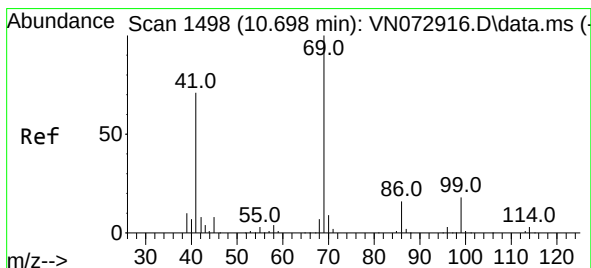
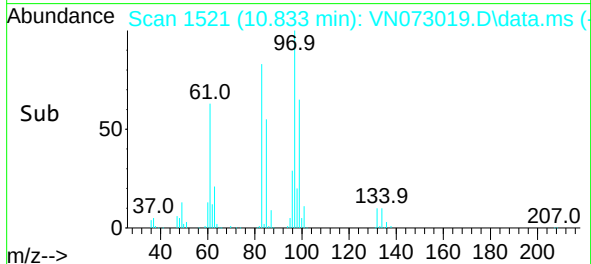
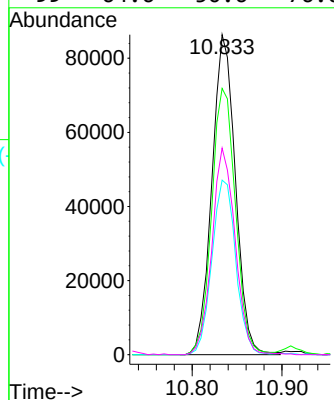
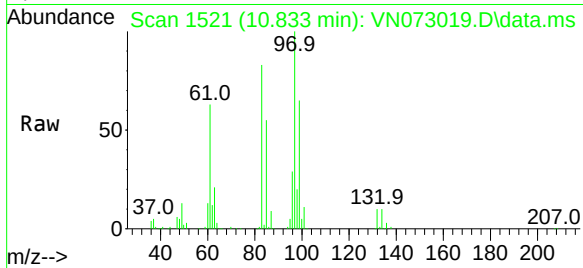


#55
1,1,2-Trichloroethane
Concen: 51.926 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 156940

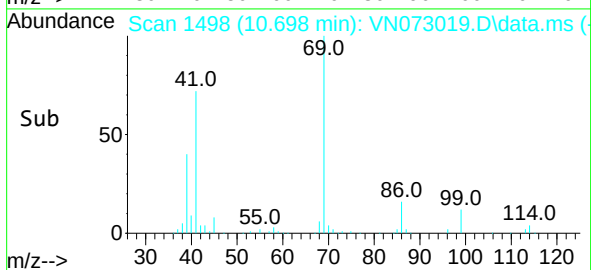
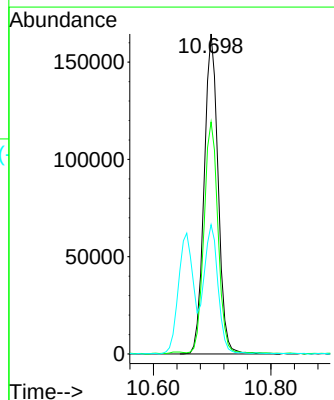
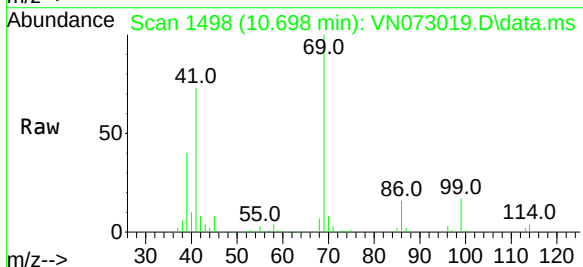
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.2	99.4
85	54.5	43.9	65.9
99	64.6	50.6	76.0

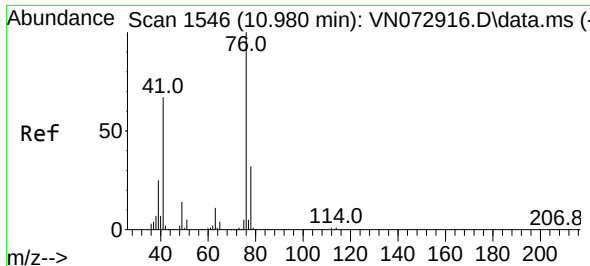


#56
Ethyl methacrylate
Concen: 56.204 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 69 Resp: 272272

Ion	Ratio	Lower	Upper
69	100		
41	73.0	47.8	71.6#
39	40.5	27.3	40.9





#57

1,3-Dichloropropane

Concen: 53.606 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

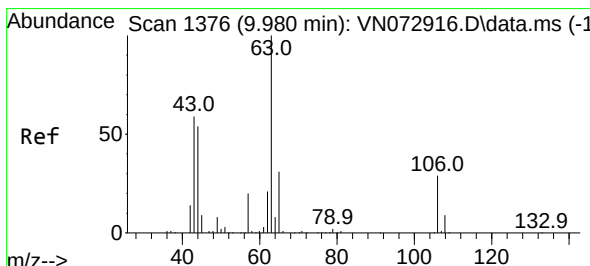
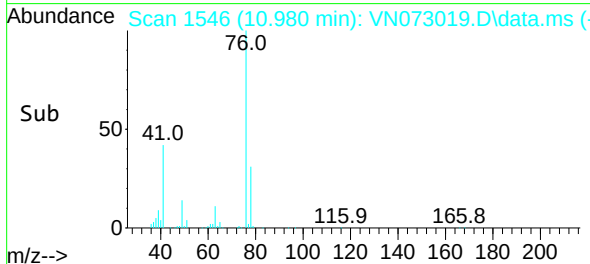
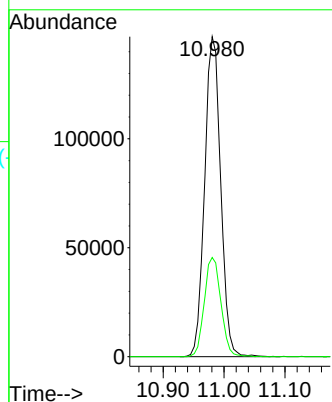
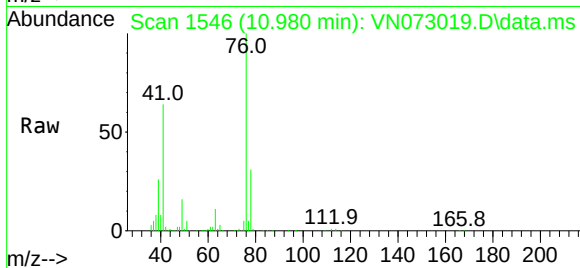
VSTDCCC050EC

Tgt Ion: 76 Resp: 268792

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 283.580 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VN073019.D

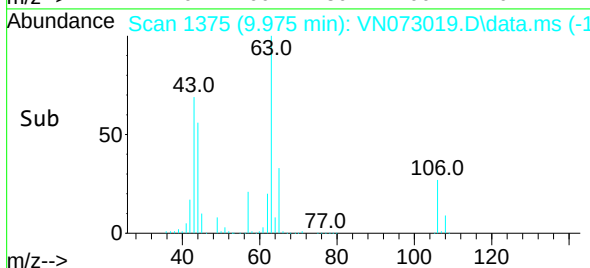
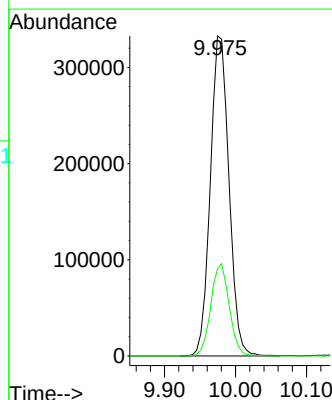
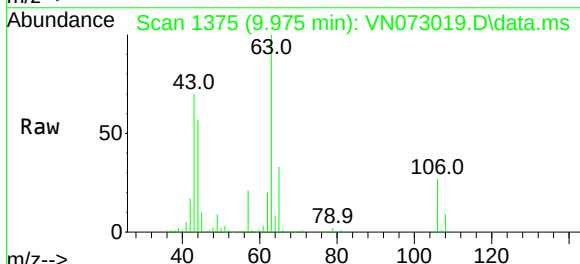
Acq: 22 Jun 2022 11:21

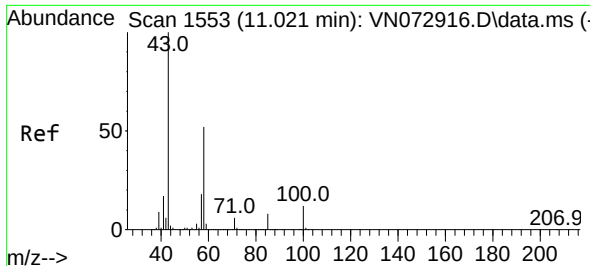
Tgt Ion: 63 Resp: 606504

Ion Ratio Lower Upper

63 100

106 28.4 24.6 36.8

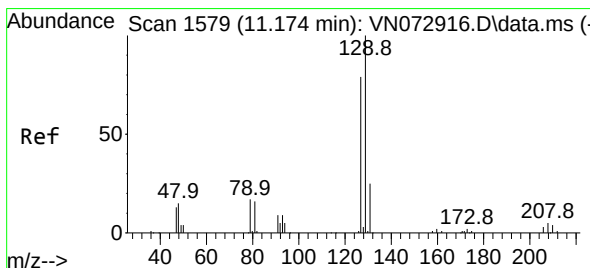
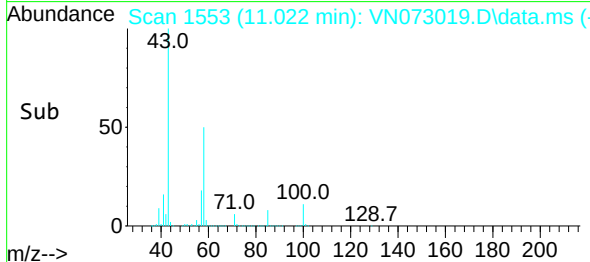
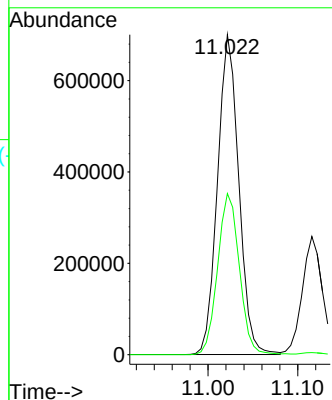
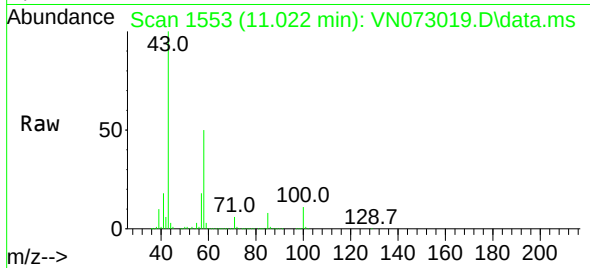




#59
2-Hexanone
Concen: 280.128 ug/l
RT: 11.022 min Scan# 1152445
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

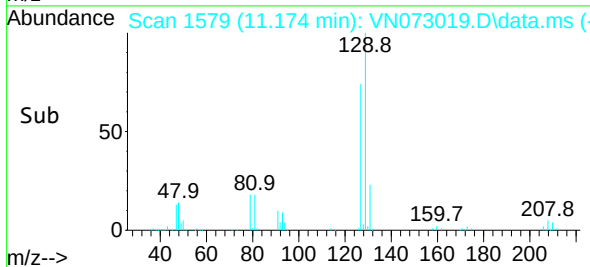
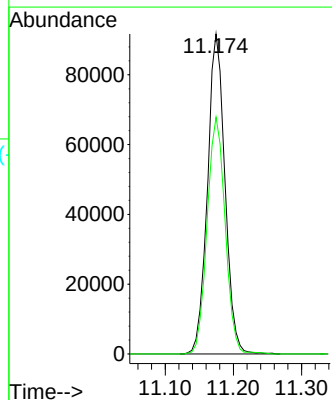
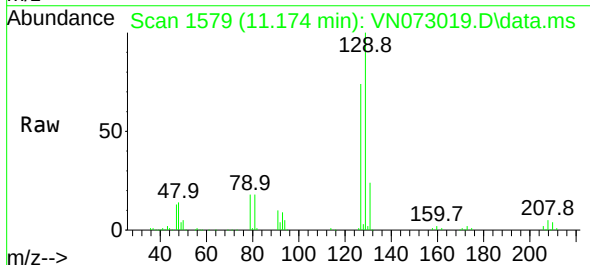
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

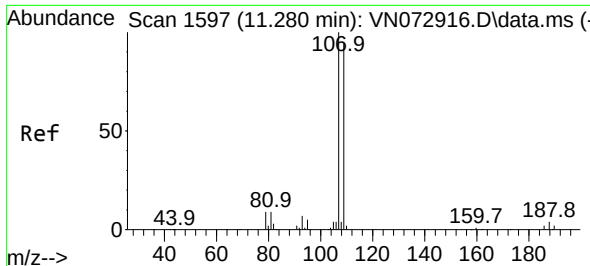
Tgt Ion: 43 Resp: 1152445
Ion Ratio Lower Upper
43 100
58 51.6 29.7 89.1



#60
Dibromochloromethane
Concen: 57.329 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 129 Resp: 163755
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.4

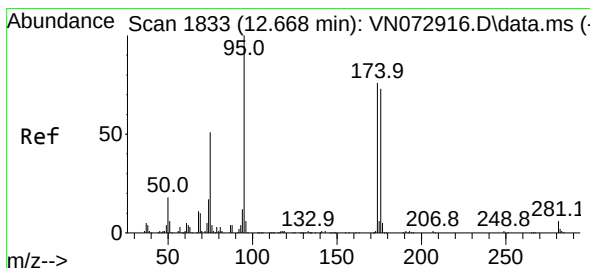
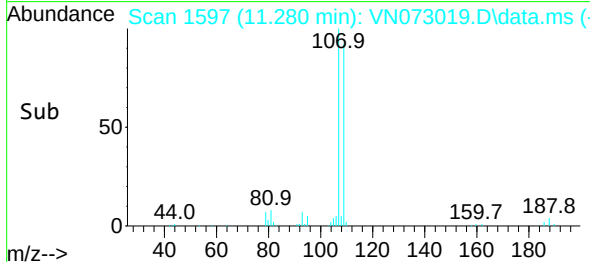
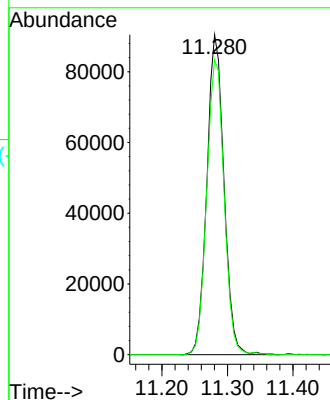
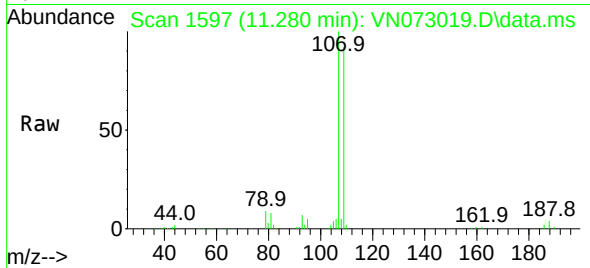




#61
1,2-Dibromoethane
Concen: 55.109 ug/l
RT: 11.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

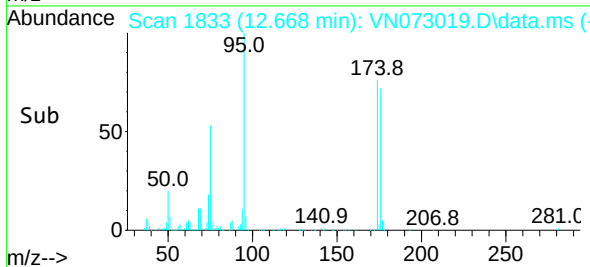
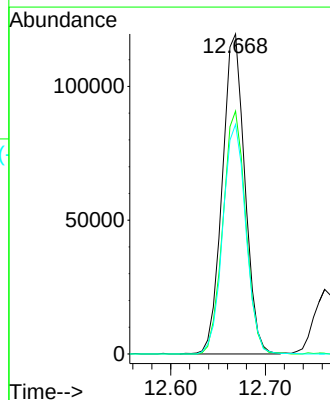
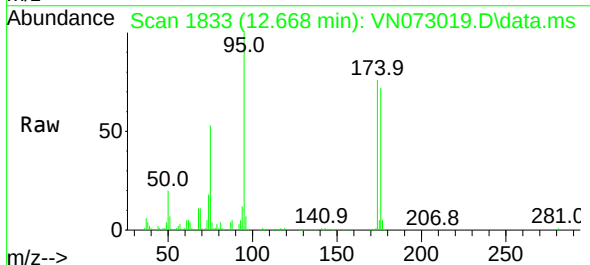
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

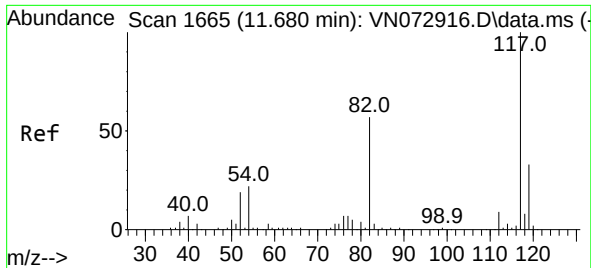
Tgt Ion:107 Resp: 164200
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 56.157 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 95 Resp: 198104
Ion Ratio Lower Upper
95 100
174 76.4 0.0 167.6
176 73.3 0.0 163.4

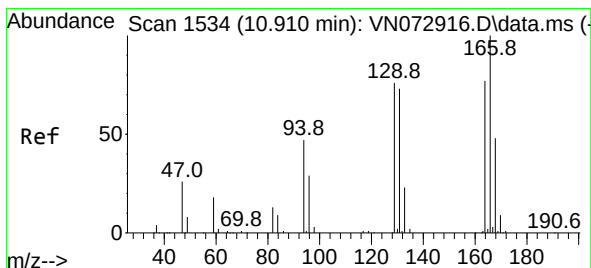
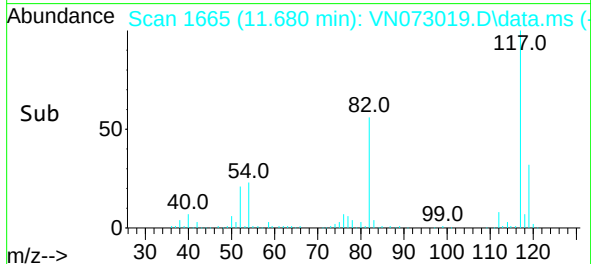
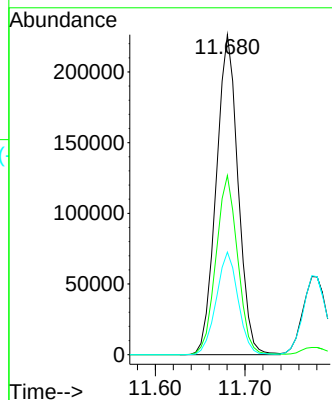
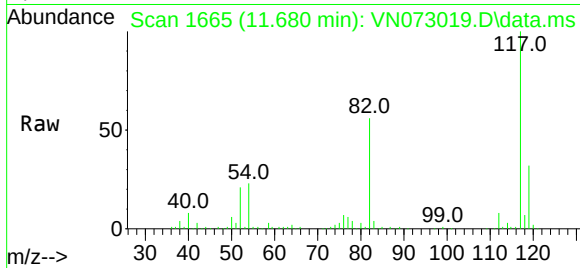




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

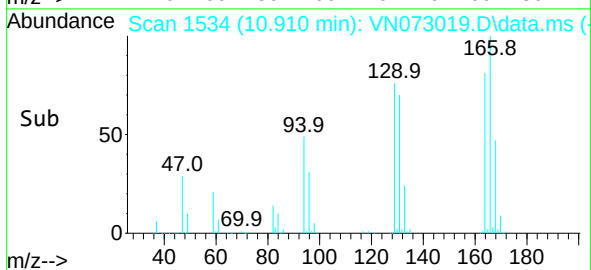
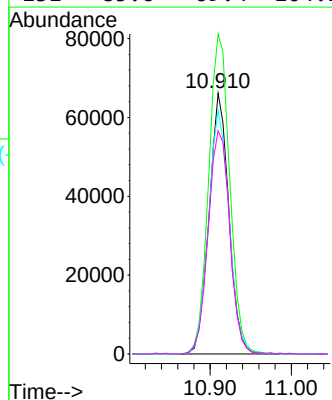
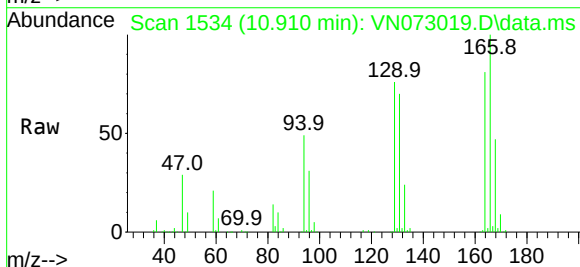
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

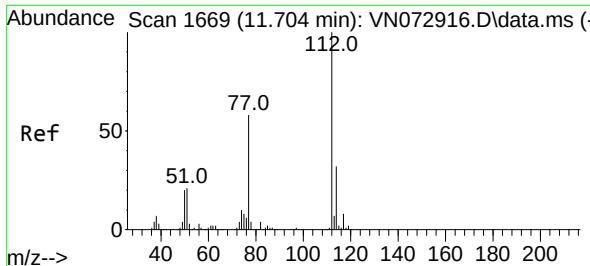
Tgt Ion:117 Resp: 382957
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 48.170 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion:164 Resp: 112221
Ion Ratio Lower Upper
164 100
166 122.8 104.2 156.2
129 93.4 73.9 110.9
131 85.6 69.4 104.2

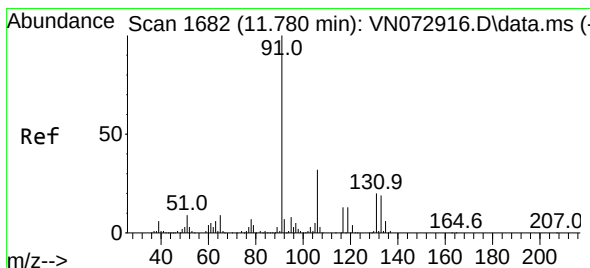
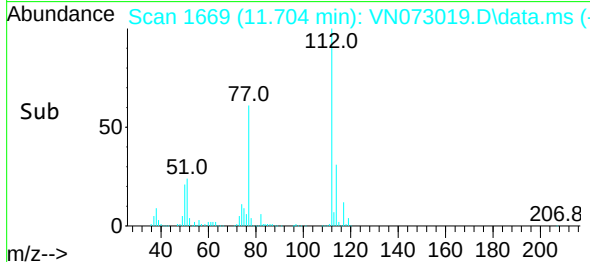
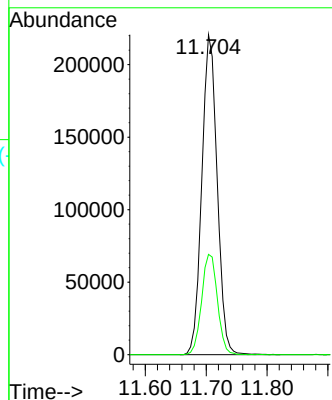
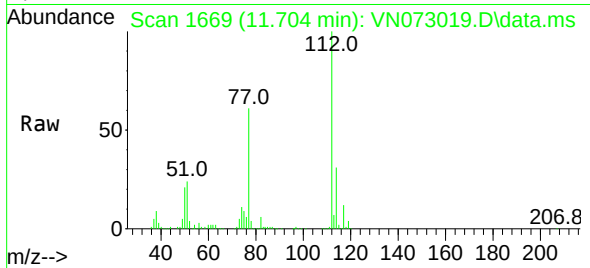




#65
Chlorobenzene
Concen: 51.653 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

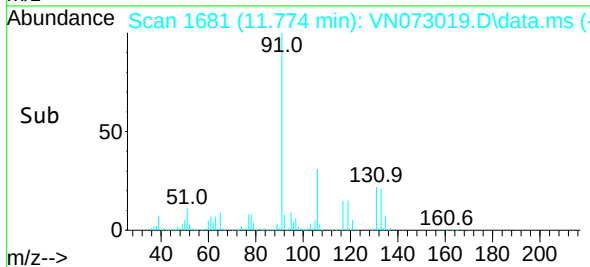
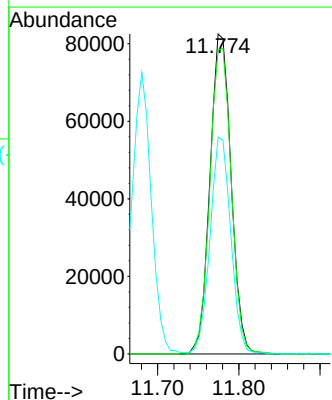
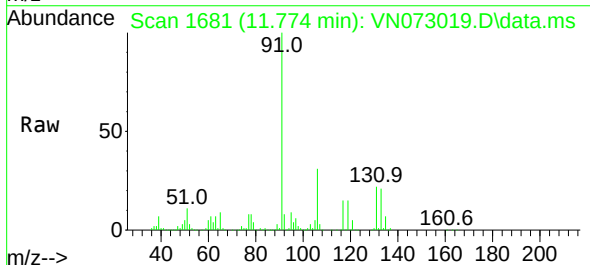
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MSVOA_N
ClientSampleId :
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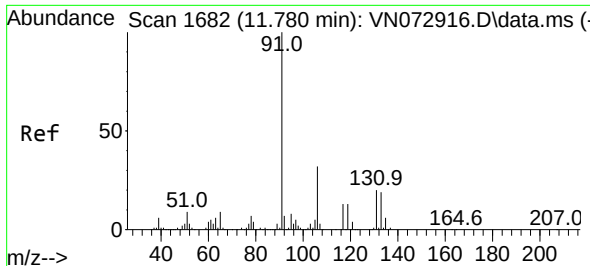
Tgt Ion:112 Resp: 386307
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.333 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion:131 Resp: 148970
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.4
119 66.8 33.4 100.2





#67

Ethyl Benzene

Concen: 53.989 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

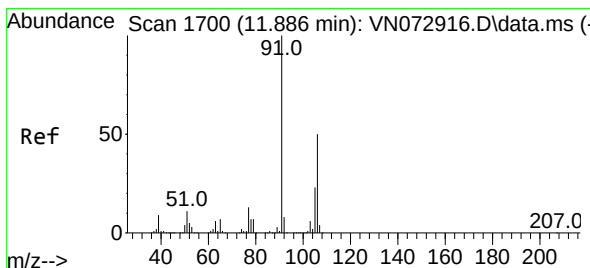
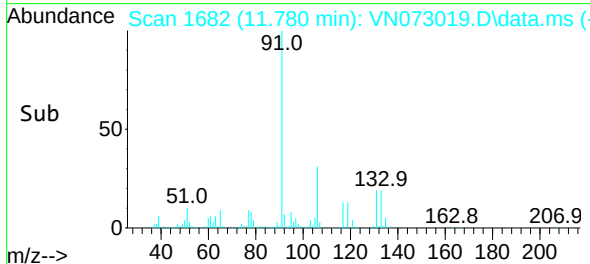
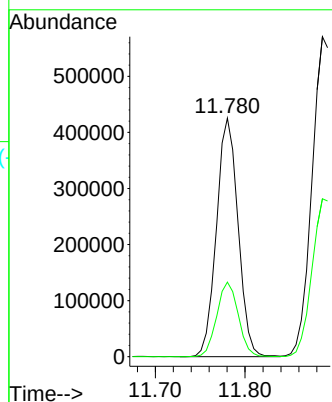
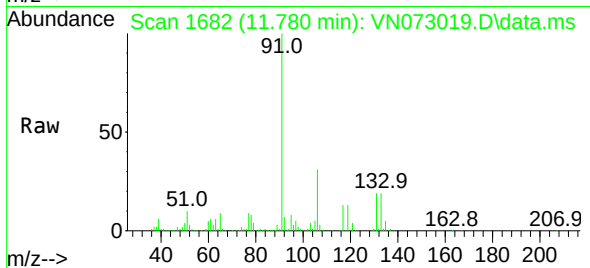
VSTDCCC050EC

Tgt Ion: 91 Resp: 710795

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 105.660 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VN073019.D

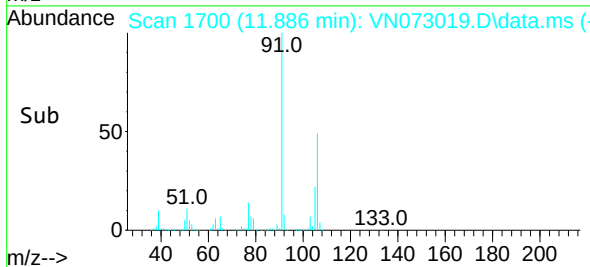
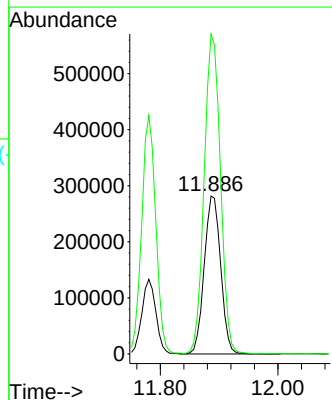
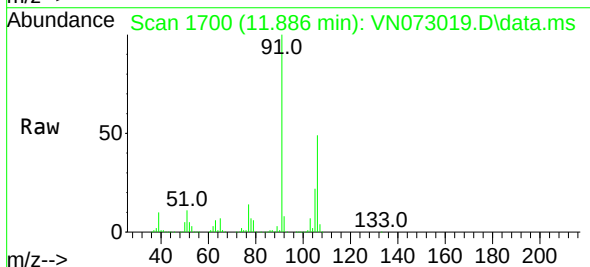
Acq: 22 Jun 2022 11:21

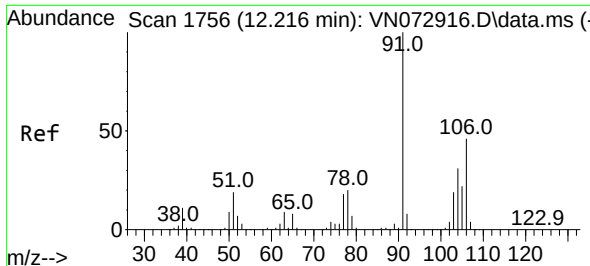
Tgt Ion:106 Resp: 545606

Ion Ratio Lower Upper

106 100

91 200.6 158.9 238.3

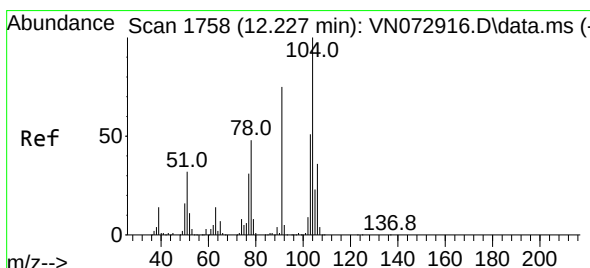
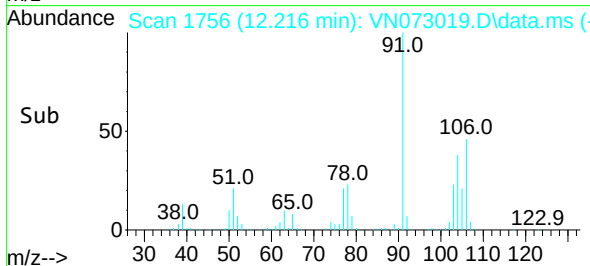
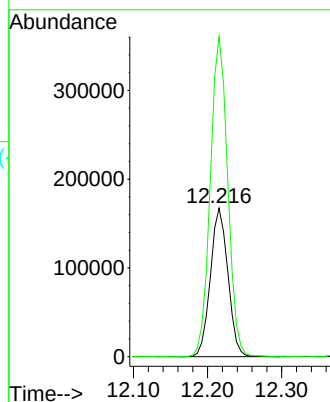
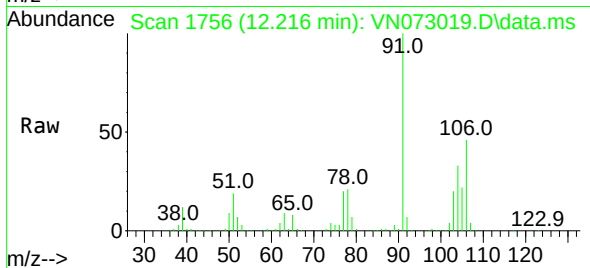




#69
o-Xylene
Concen: 53.224 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

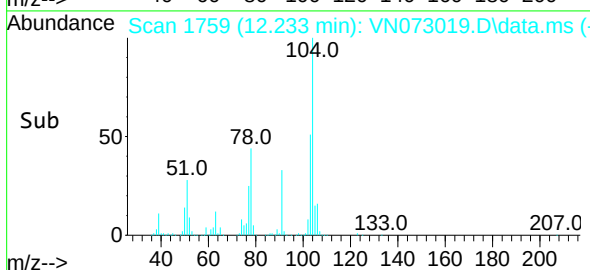
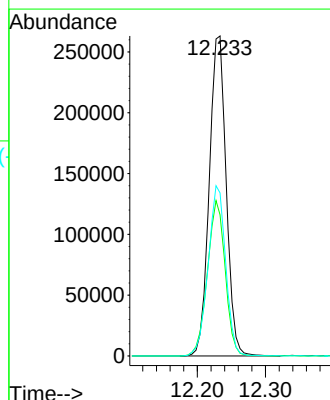
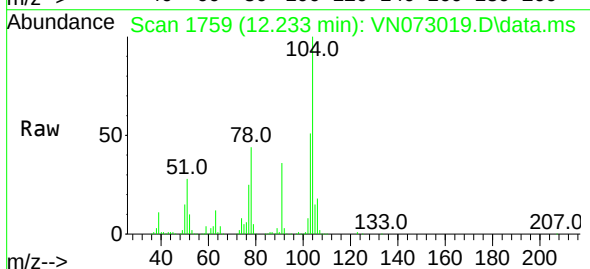
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

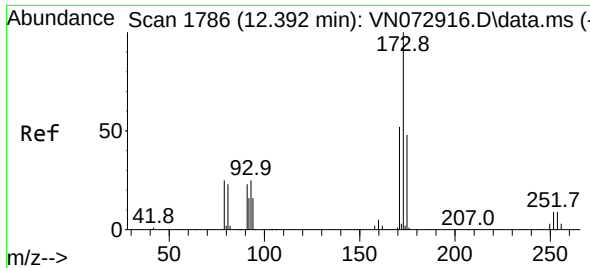
Tgt Ion:106 Resp: 274626
Ion Ratio Lower Upper
106 100
91 215.0 106.0 318.0



#70
Styrene
Concen: 54.879 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion:104 Resp: 454738
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 55.3 44.0 66.0

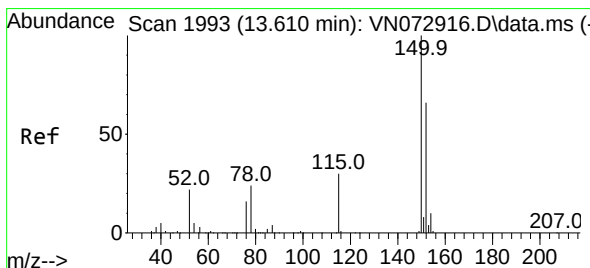
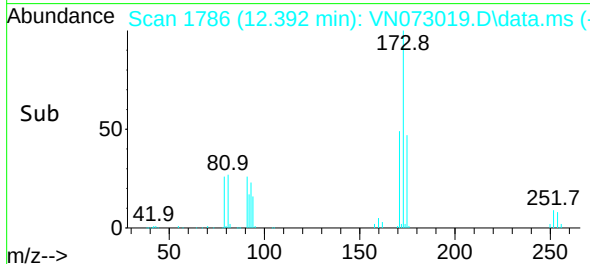
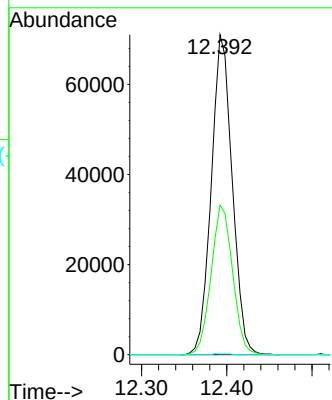
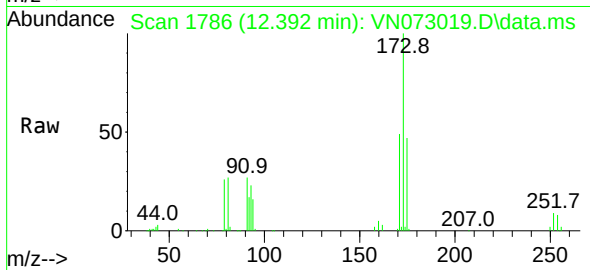




#71
Bromoform
Concen: 56.366 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

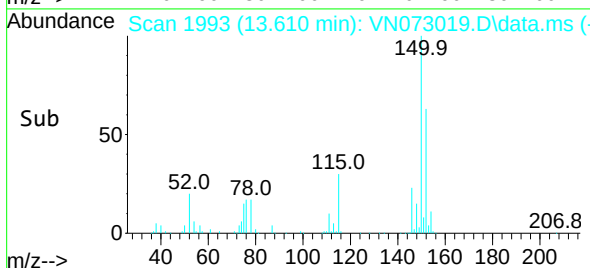
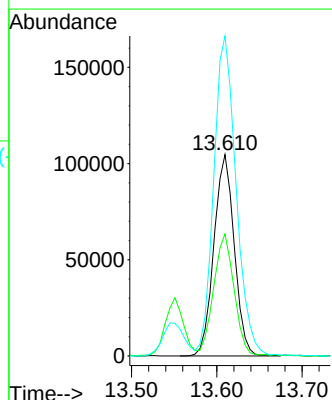
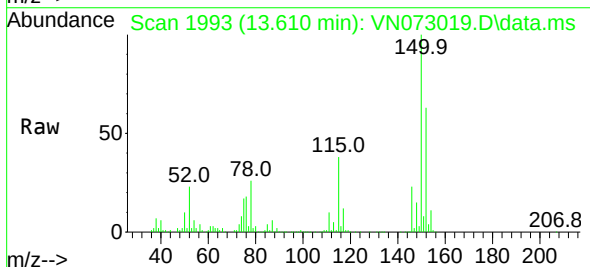
Instrument :
MSVOA_N
ClientSampleId :
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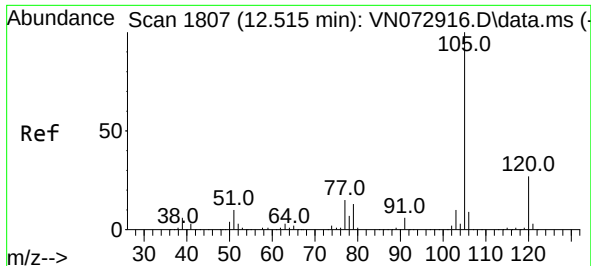
Tgt Ion:173 Resp: 120980
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion:152 Resp: 173650
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 175.0 0.0 356.2

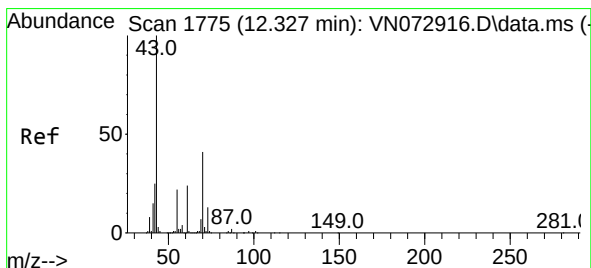
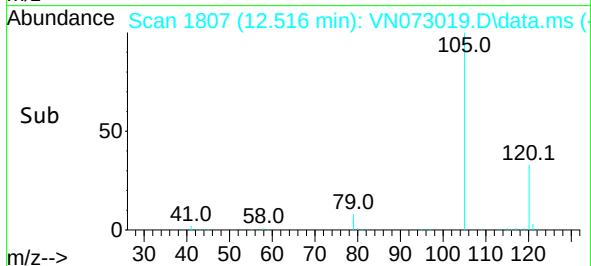
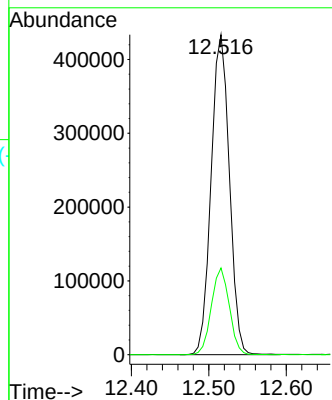
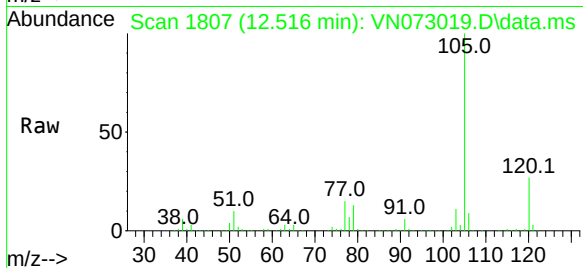




#73
Isopropylbenzene
Concen: 52.838 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

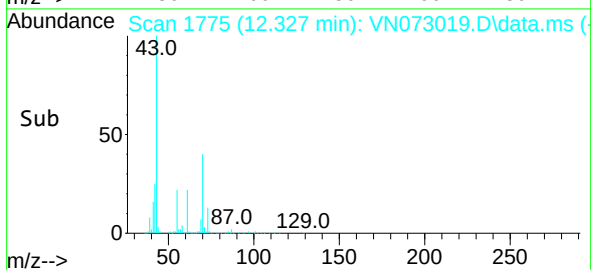
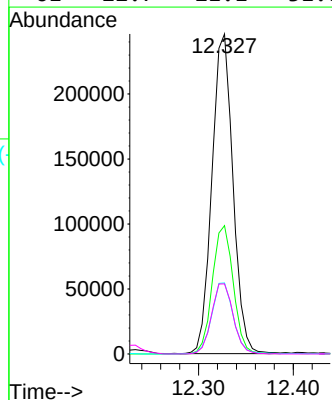
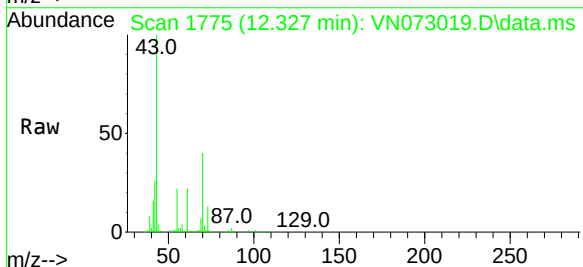
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

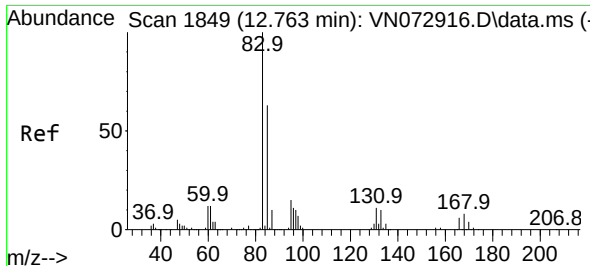
Tgt Ion:105 Resp: 709833
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 54.337 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 43 Resp: 378804
Ion Ratio Lower Upper
43 100
70 40.3 39.0 58.4
55 23.0 21.1 31.7
61 22.7 21.1 31.7

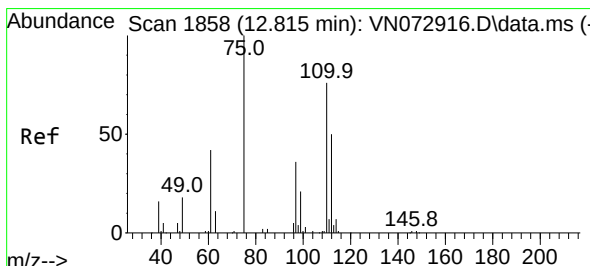
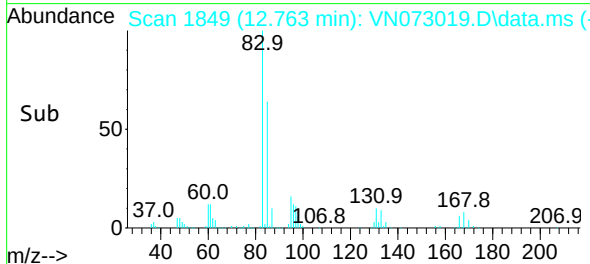
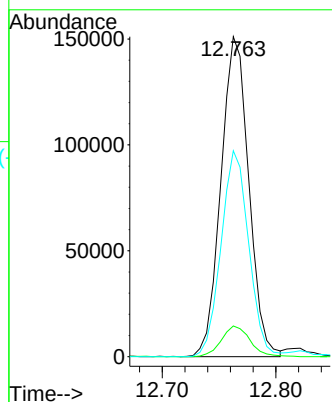
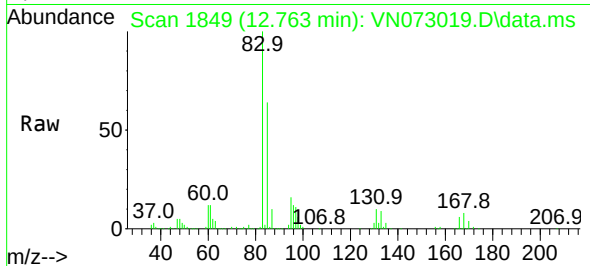




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.201 ug/l
 RT: 12.763 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

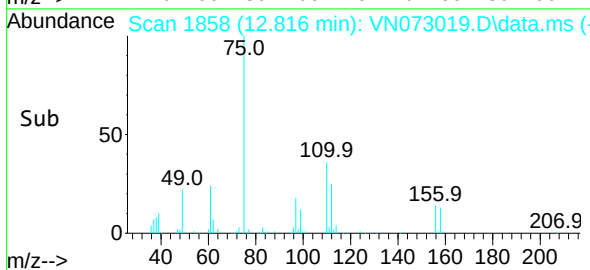
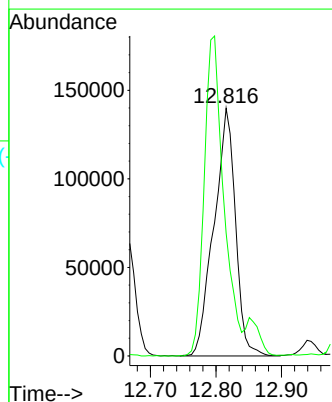
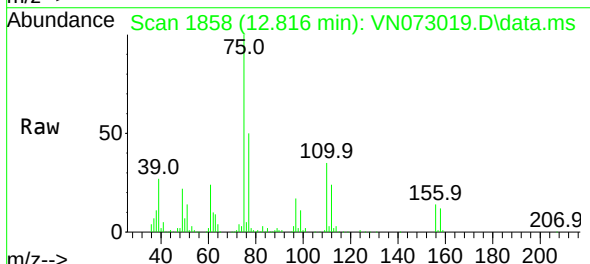
Instrument :
 MSVOA_N
 ClientSampleId :
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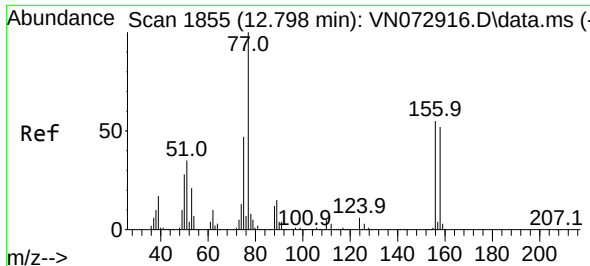
Tgt Ion: 83 Resp: 257393
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.3 15.9
 85 63.9 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 75.599 ug/l
 RT: 12.816 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

Tgt Ion: 75 Resp: 318282
 Ion Ratio Lower Upper
 75 100
 77 117.5 98.5 295.5

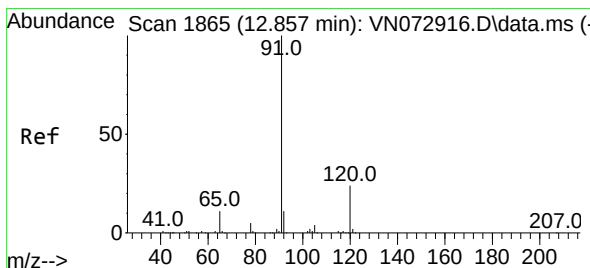
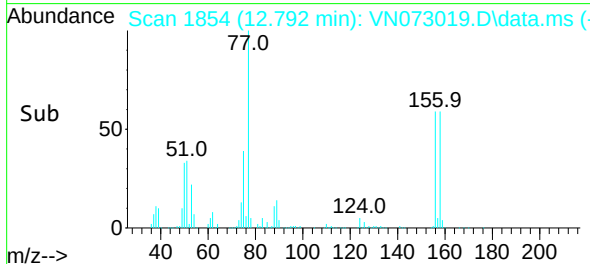
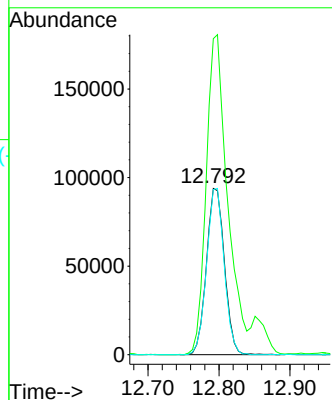
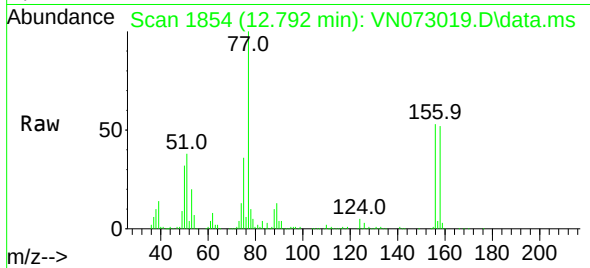




#77
Bromobenzene
Concen: 51.339 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

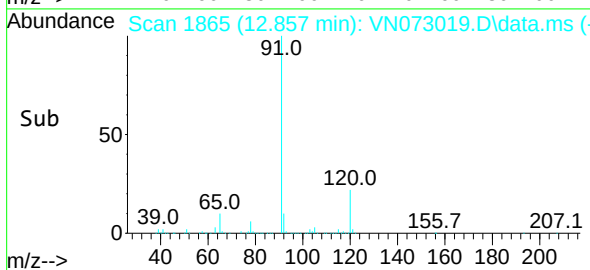
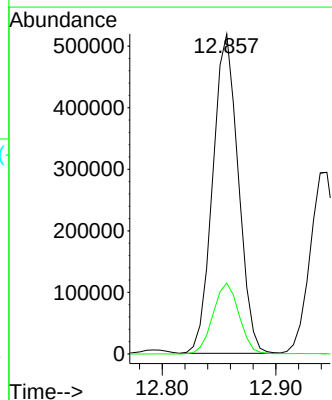
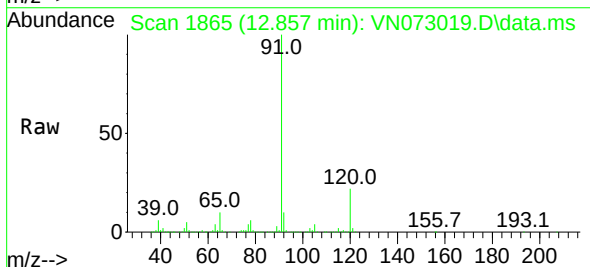
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

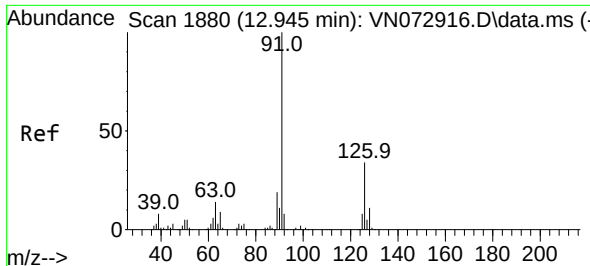
Tgt Ion:156 Resp: 165227
Ion Ratio Lower Upper
156 100
77 226.4 100.5 301.5
158 97.7 48.9 146.6



#78
n-propylbenzene
Concen: 54.807 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 91 Resp: 809872
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5

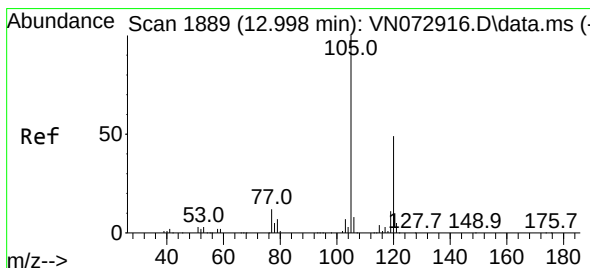
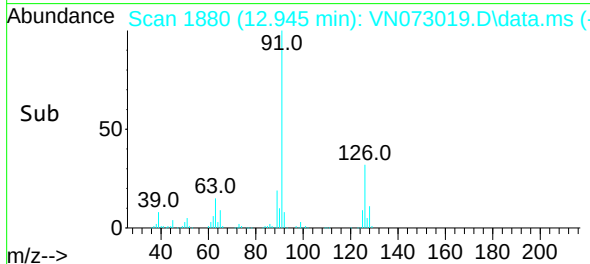
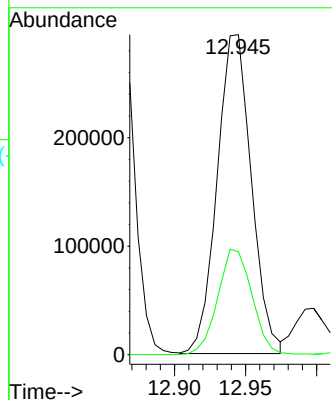
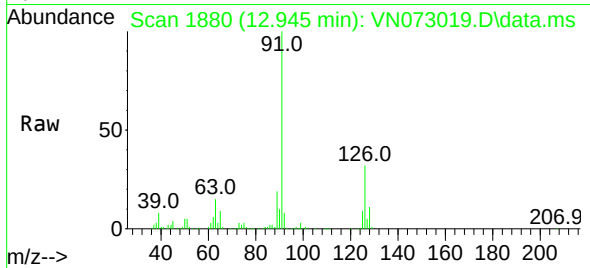




#79
2-Chlorotoluene
Concen: 51.590 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

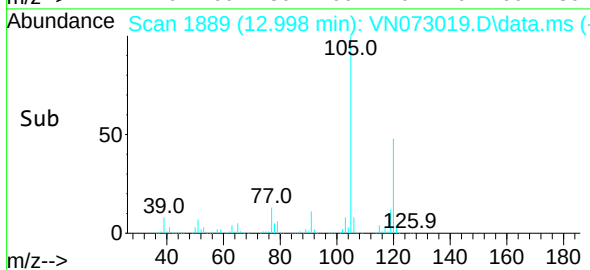
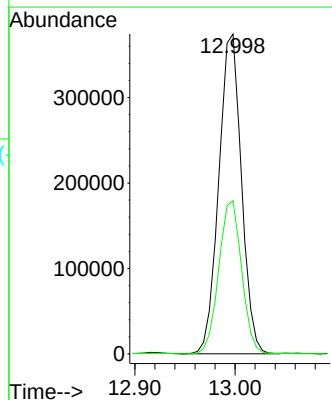
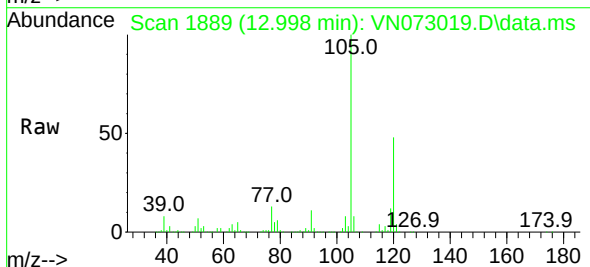
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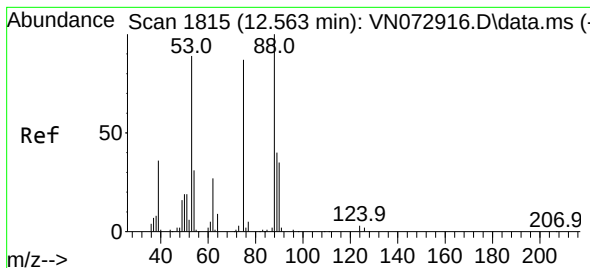
Tgt Ion: 91 Resp: 493647
Ion Ratio Lower Upper
91 100
126 33.2 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 53.076 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 105 Resp: 585687
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7

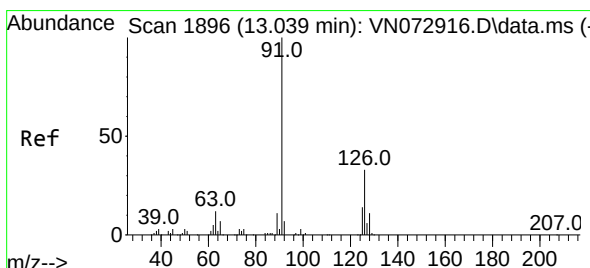
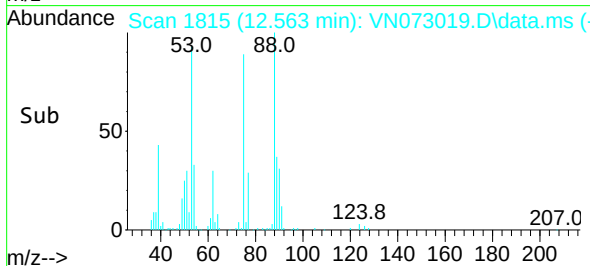
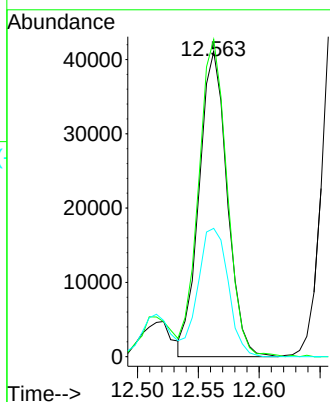
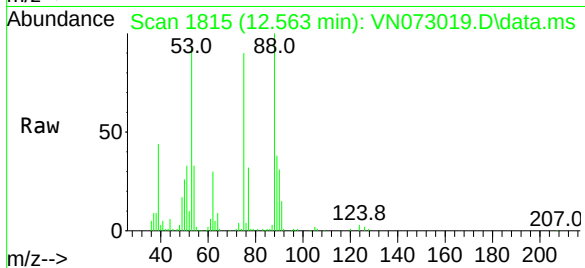




#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.232 ug/l
 RT: 12.563 min Scan# 1815
 Delta R.T. 0.000 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

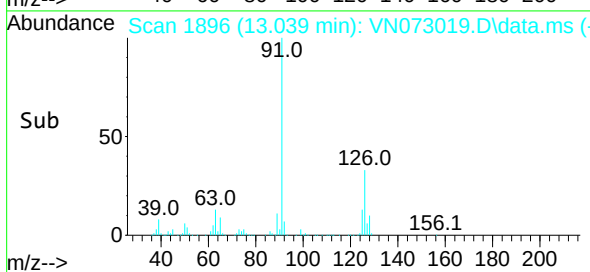
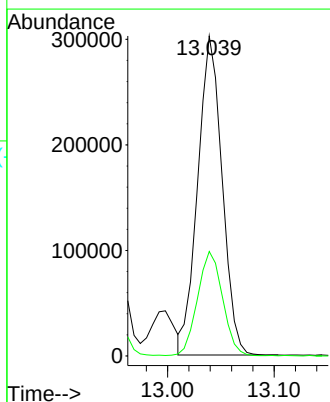
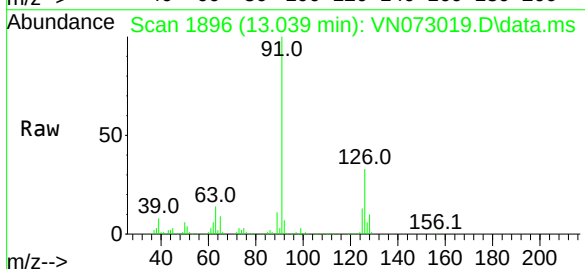
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

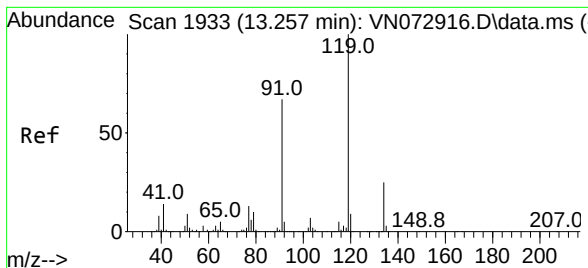
Tgt Ion: 75 Resp: 65837
 Ion Ratio Lower Upper
 75 100
 53 105.1 78.0 117.0
 89 45.4 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 53.111 ug/l
 RT: 13.039 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

Tgt Ion: 91 Resp: 480831
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.756 ug/l

RT: 13.257 min Scan# 1933

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

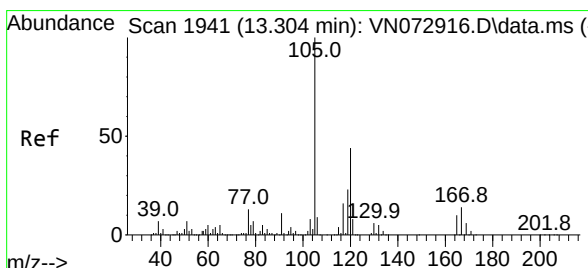
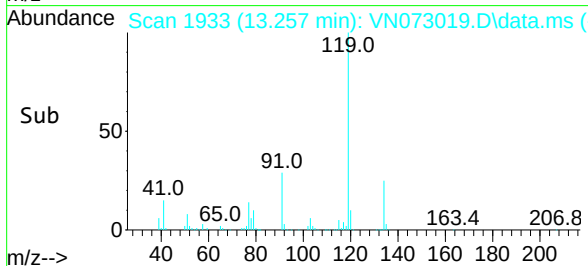
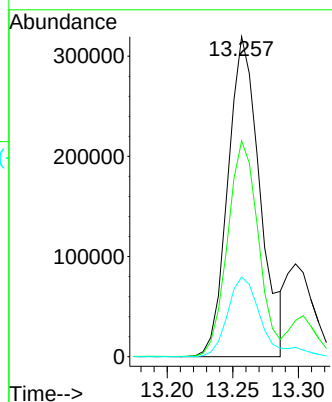
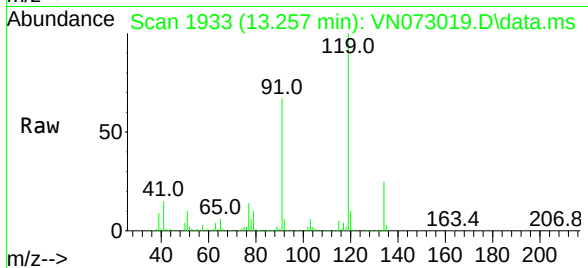
Tgt Ion:119 Resp: 543272

Ion Ratio Lower Upper

119 100

91 64.8 31.6 94.8

134 26.5 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 53.641 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073019.D

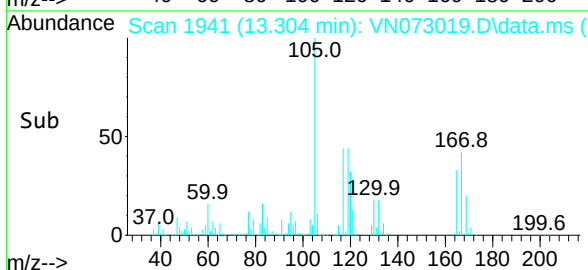
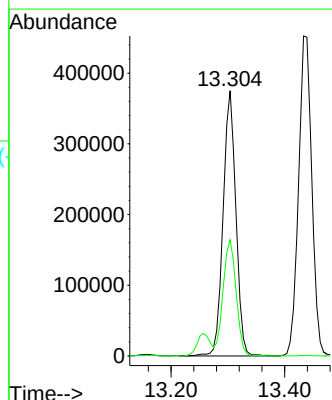
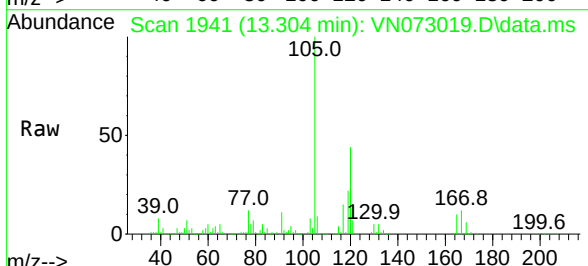
Acq: 22 Jun 2022 11:21

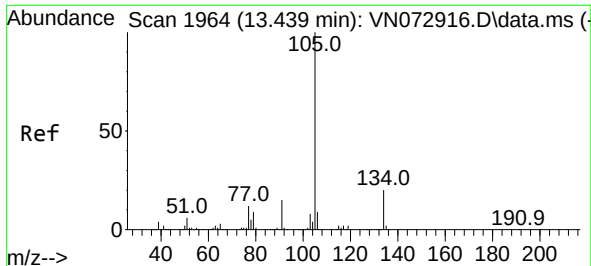
Tgt Ion:105 Resp: 589564

Ion Ratio Lower Upper

105 100

120 44.6 23.3 69.8

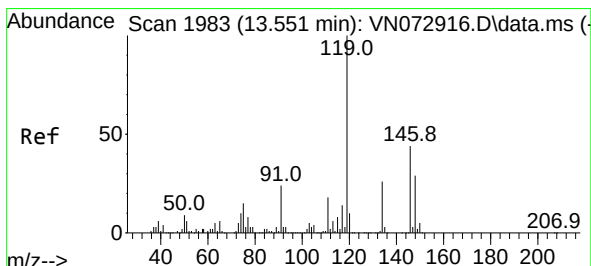
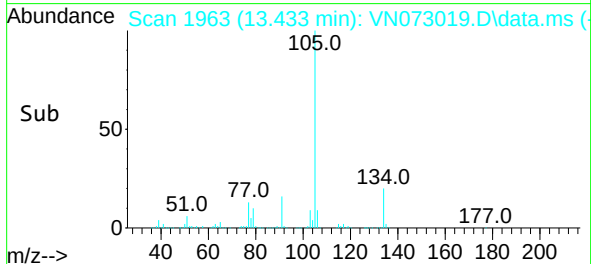
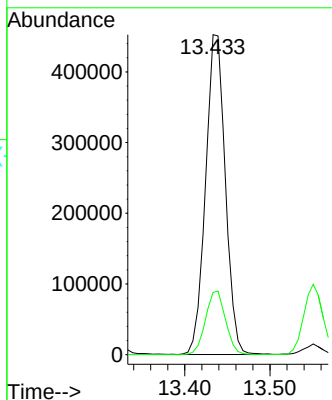
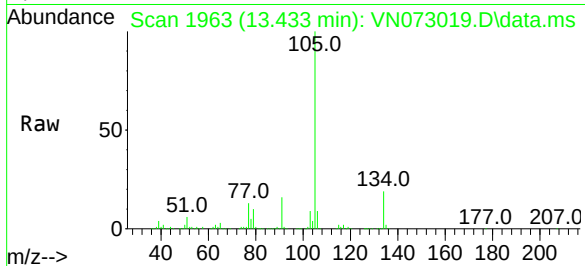




#85
 sec-Butylbenzene
 Concen: 54.200 ug/l
 RT: 13.433 min Scan# 1964
 Delta R.T. -0.006 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

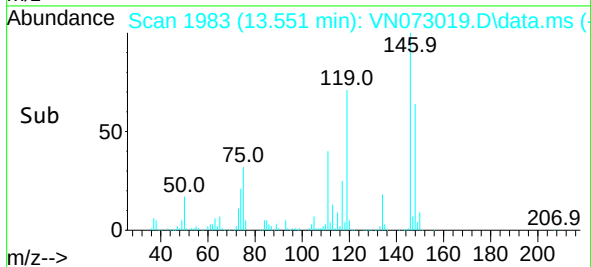
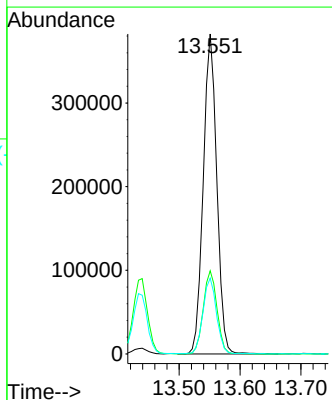
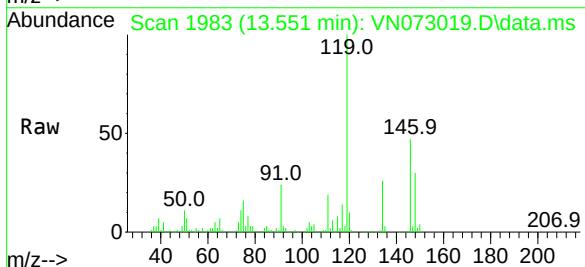
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

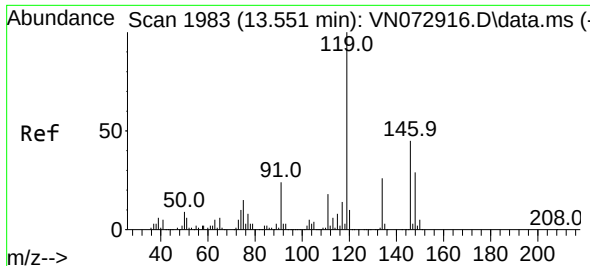
Tgt Ion:105 Resp: 730704
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 54.025 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

Tgt Ion:119 Resp: 589680
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.0 11.3 33.9

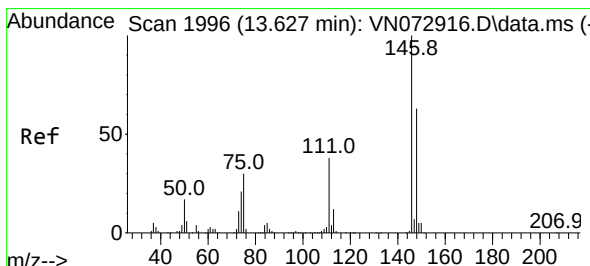
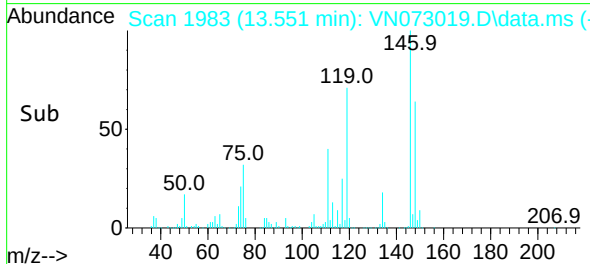
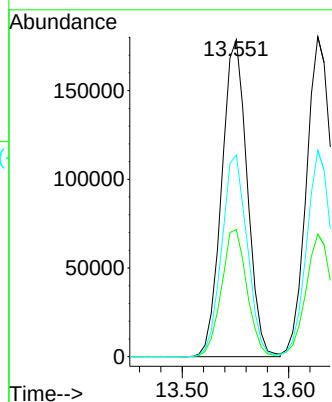
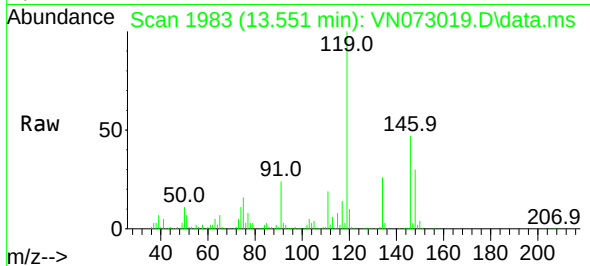




#87
 1,3-Dichlorobenzene
 Concen: 51.626 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

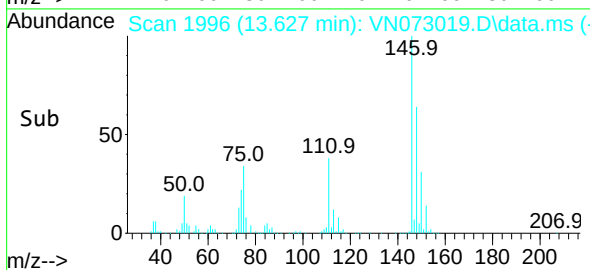
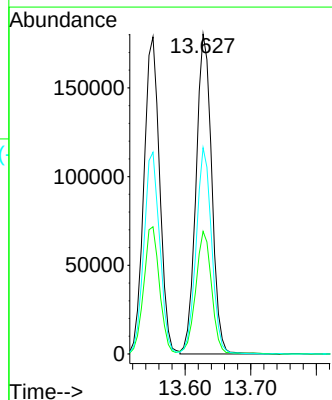
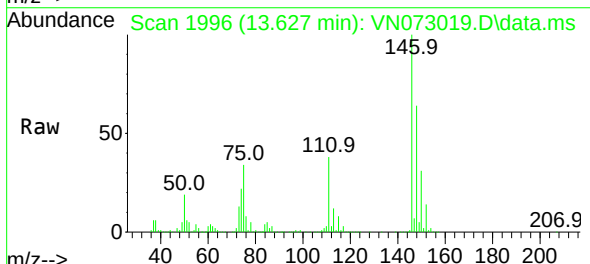
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

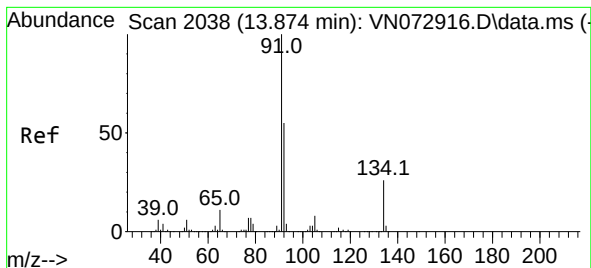
Tgt Ion:146 Resp: 296633
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 51.566 ug/l
 RT: 13.627 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN073019.D
 Acq: 22 Jun 2022 11:21

Tgt Ion:146 Resp: 299883
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.1
 148 63.5 31.4 94.3





#89

n-Butylbenzene

Concen: 54.220 ug/l

RT: 13.874 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

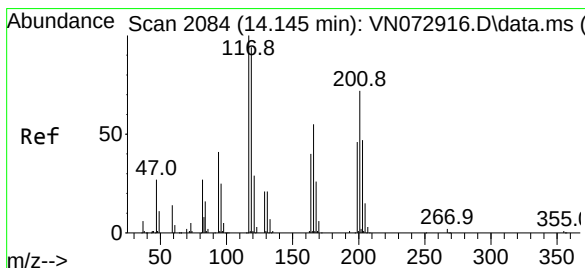
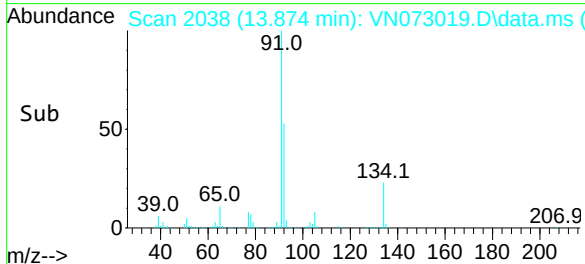
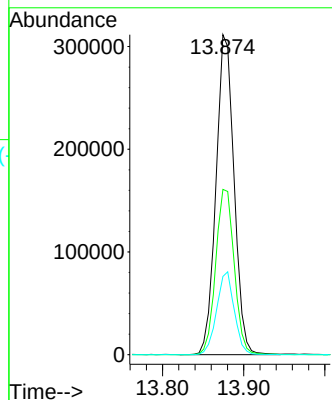
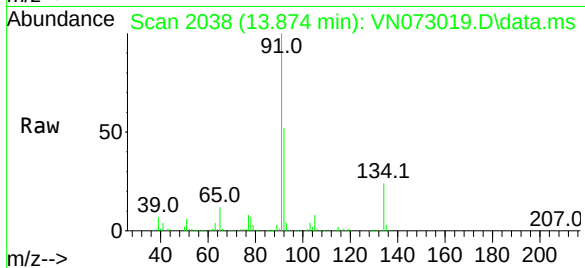
Tgt Ion: 91 Resp: 483246

Ion Ratio Lower Upper

91 100

92 52.9 26.9 80.7

134 25.3 13.6 40.8



#90

Hexachloroethane

Concen: 56.699 ug/l

RT: 14.145 min Scan# 2084

Delta R.T. 0.000 min

Lab File: VN073019.D

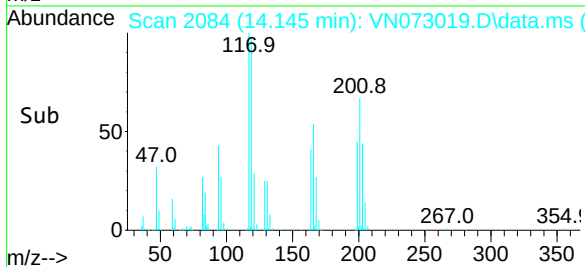
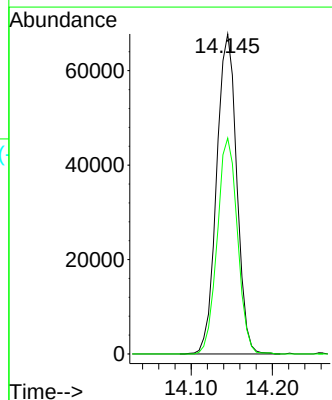
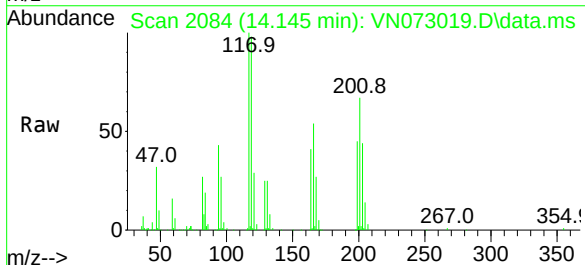
Acq: 22 Jun 2022 11:21

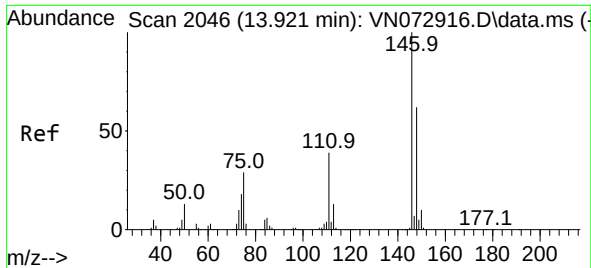
Tgt Ion: 117 Resp: 116670

Ion Ratio Lower Upper

117 100

201 67.8 40.6 122.0

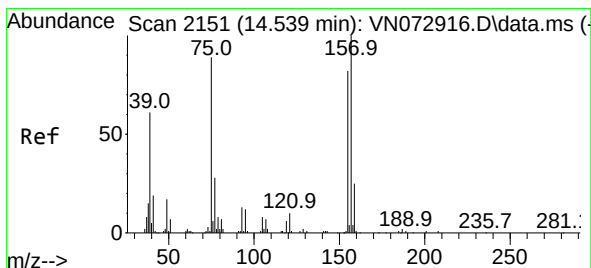
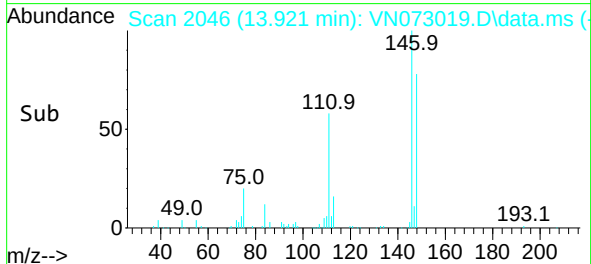
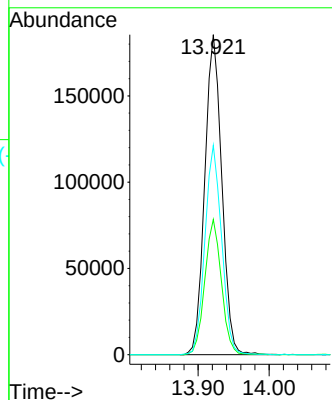
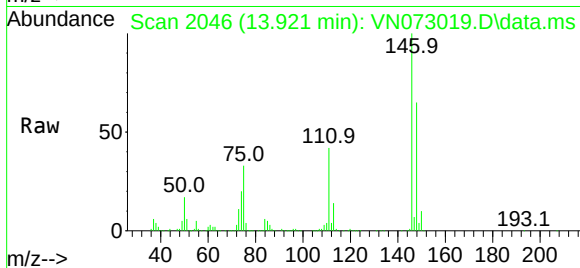




#91
1,2-Dichlorobenzene
Concen: 51.625 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

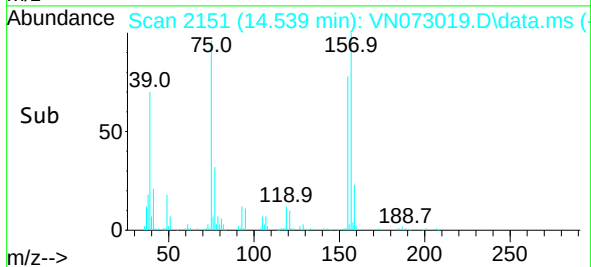
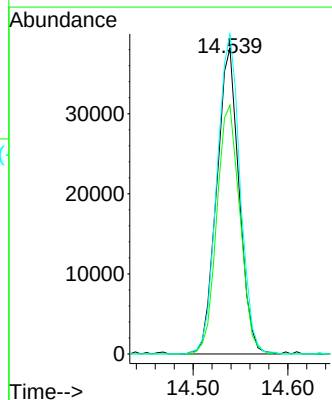
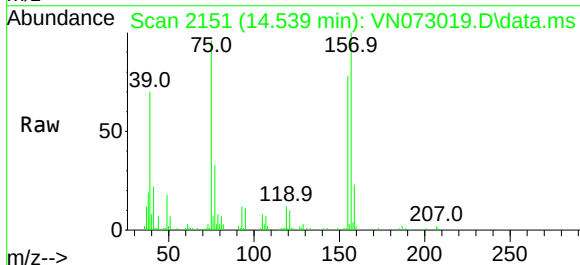
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

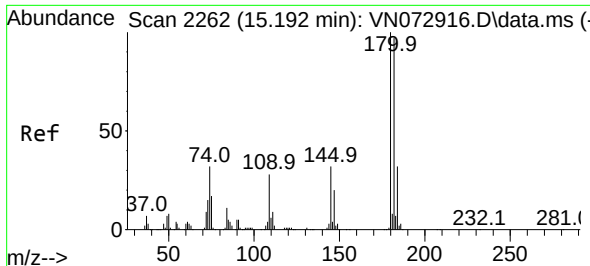
Tgt Ion:146 Resp: 309345
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.8
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.510 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073019.D
Acq: 22 Jun 2022 11:21

Tgt Ion: 75 Resp: 62842
Ion Ratio Lower Upper
75 100
155 83.8 44.9 134.5
157 107.7 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 50.061 ug/l

RT: 15.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

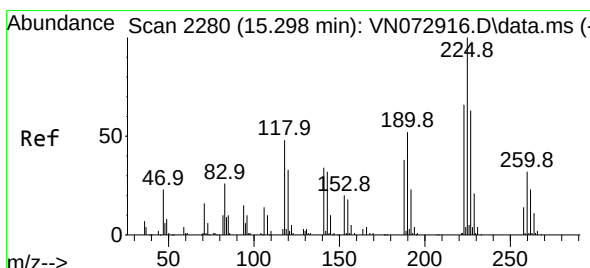
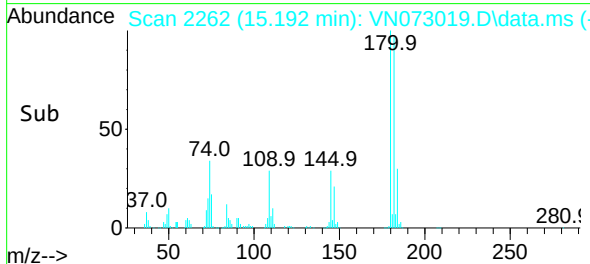
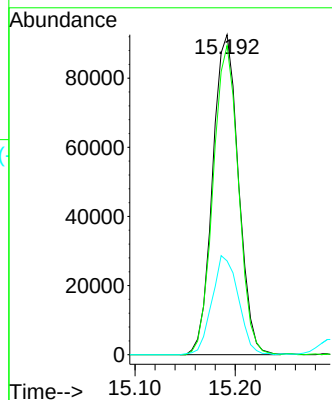
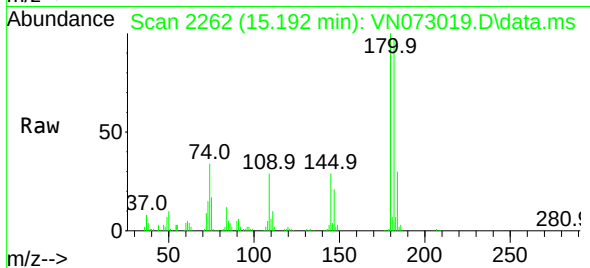
Tgt Ion:180 Resp: 166010

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 31.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.198 ug/l

RT: 15.292 min Scan# 2279

Delta R.T. -0.006 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

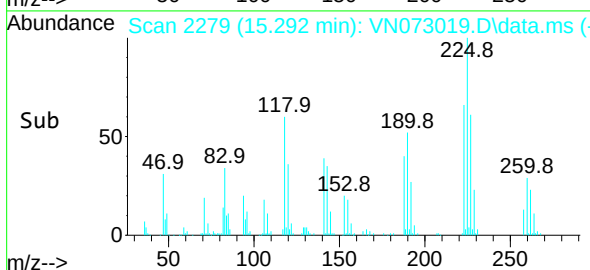
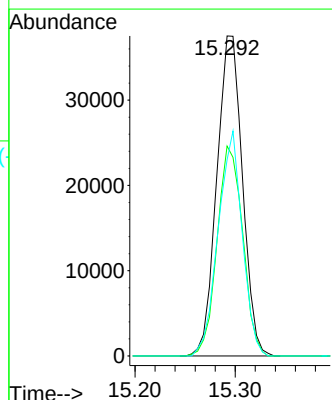
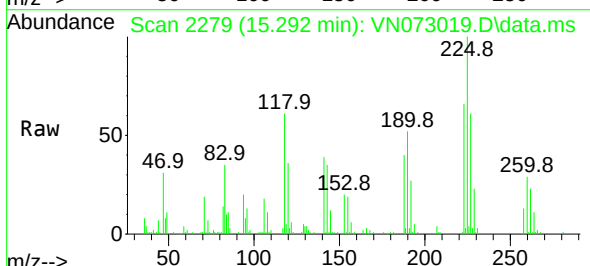
Tgt Ion:225 Resp: 66666

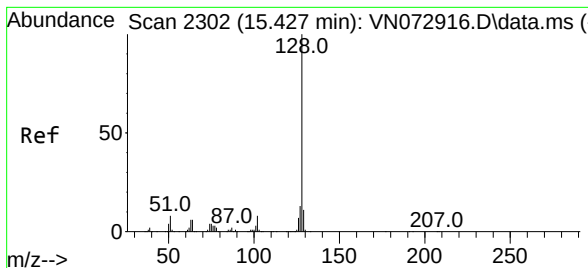
Ion Ratio Lower Upper

225 100

223 65.3 32.4 97.2

227 65.9 31.8 95.4





#95

Naphthalene

Concen: 49.906 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

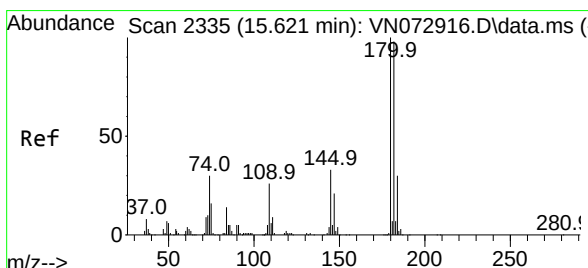
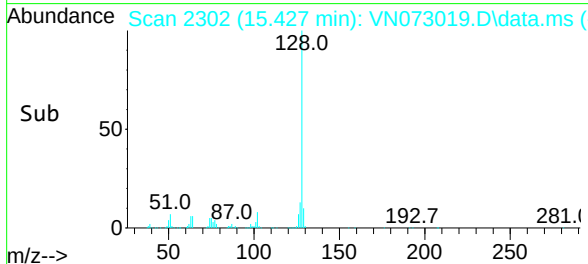
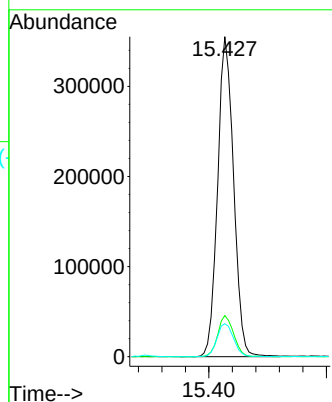
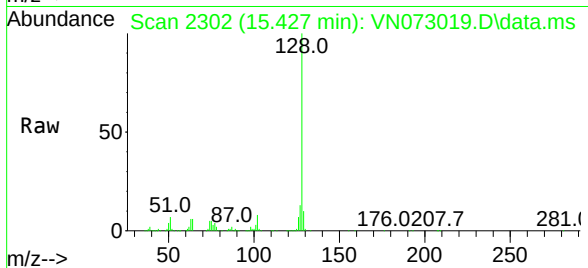
Tgt Ion:128 Resp: 669475

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.367 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073019.D

Acq: 22 Jun 2022 11:21

Tgt Ion:180 Resp: 174816

Ion Ratio Lower Upper

180 100

182 93.6 47.8 143.3

145 33.8 15.5 46.5

