

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072944.D
 Acq On : 18 Jun 2022 16:58
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 20 08:05:51 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	297300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	525601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	467157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	266158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	222304	55.307	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.620%
35) Dibromofluoromethane	7.951	113	171936	52.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.840%
50) Toluene-d8	10.375	98	643702	53.249	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.669	95	238260	54.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.620%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	146205	51.650	ug/l	100
3) Chloromethane	2.269	50	156745	51.496	ug/l	100
4) Vinyl Chloride	2.410	62	135026	53.191	ug/l	99
5) Bromomethane	2.793	94	59166	59.207	ug/l	99
6) Chloroethane	2.963	64	81500	51.317	ug/l	99
7) Trichlorofluoromethane	3.316	101	251634	60.870	ug/l	98
8) Diethyl Ether	3.769	74	109864	51.495	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.146	101	136459	47.754	ug/l	99
10) Methyl Iodide	4.351	142	181875	55.529	ug/l	98
11) Tert butyl alcohol	5.287	59	258972	249.427	ug/l	100
12) 1,1-Dichloroethene	4.116	96	141507	49.714	ug/l	98
13) Acrolein	3.981	56	100719	246.308	ug/l	98
14) Allyl chloride	4.769	41	301401	49.561	ug/l #	93
15) Acrylonitrile	5.475	53	619778	258.950	ug/l	100
16) Acetone	4.222	43	559953	253.436	ug/l	95
17) Carbon Disulfide	4.457	76	351805	48.239	ug/l	99
18) Methyl Acetate	4.781	43	296608	50.412	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	567041	53.044	ug/l	99
20) Methylene Chloride	5.016	84	174688	50.978	ug/l	90
21) trans-1,2-Dichloroethene	5.516	96	152539	49.266	ug/l	98
22) Diisopropyl ether	6.416	45	608885	53.707	ug/l	96
23) Vinyl Acetate	6.351	43	2850797	272.402	ug/l	94
24) 1,1-Dichloroethane	6.304	63	311525	52.412	ug/l	99
25) 2-Butanone	7.263	43	893861	254.948	ug/l #	89
26) 2,2-Dichloropropane	7.251	77	197953	40.006	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	188517	50.962	ug/l	99
28) Bromochloromethane	7.581	49	124862	50.795	ug/l	88
29) Tetrahydrofuran	7.610	42	606434	261.929	ug/l	88
30) Chloroform	7.745	83	315111	52.369	ug/l	99
31) Cyclohexane	8.022	56	253840	46.687	ug/l	95
32) 1,1,1-Trichloroethane	7.945	97	276192	52.307	ug/l	99
36) 1,1-Dichloropropene	8.151	75	214856	48.877	ug/l	100
37) Ethyl Acetate	7.339	43	372640	52.998	ug/l	95
38) Carbon Tetrachloride	8.134	117	227763	49.259	ug/l	99
39) Methylcyclohexane	9.392	83	248192	46.842	ug/l	95
40) Benzene	8.392	78	694440	50.267	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	173384	52.001	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	257388	52.455	ug/l	98
43) Isopropyl Acetate	8.492	43	524540	52.189	ug/l	94
44) Trichloroethene	9.145	130	167898	47.957	ug/l	91
45) 1,2-Dichloropropane	9.422	63	182053	51.554	ug/l	98
46) Dibromomethane	9.510	93	124650	52.204	ug/l	95
47) Bromodichloromethane	9.698	83	254323	53.594	ug/l	99
48) Methyl methacrylate	9.492	41	237244	51.700	ug/l	92
49) 1,4-Dioxane	9.504	88	96354	933.199	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1732334	264.310	ug/l	91
52) Toluene	10.439	92	431896	50.921	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	271664	53.232	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	287311	51.541	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	182893	49.110	ug/l	99
56) Ethyl methacrylate	10.698	69	319019	53.444	ug/l	88
57) 1,3-Dichloropropane	10.980	76	311303	50.385	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	728037	276.257	ug/l	97
59) 2-Hexanone	11.022	43	1339546	264.248	ug/l	90
60) Dibromochloromethane	11.175	129	193296	54.919	ug/l	99
61) 1,2-Dibromoethane	11.280	107	196298	53.467	ug/l	99
64) Tetrachloroethene	10.910	164	132510	46.627	ug/l	95
65) Chlorobenzene	11.704	112	459092	50.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	178956	51.536	ug/l	98
67) Ethyl Benzene	11.780	91	828790	51.605	ug/l	100
68) m/p-Xylenes	11.886	106	621129	98.606	ug/l	95
69) o-Xylene	12.216	106	322487	51.234	ug/l	99
70) Styrene	12.227	104	532345	52.665	ug/l	99
71) Bromoform	12.392	173	155960	59.567	ug/l #	95
73) Isopropylbenzene	12.516	105	815663	39.613	ug/l	99
74) N-amyl acetate	12.321	43	448375	41.962	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	291531	39.314	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	383315	59.401	ug/l #	1
77) Bromobenzene	12.792	156	215990	43.786	ug/l	96
78) n-propylbenzene	12.857	91	921925	40.706	ug/l	99
79) 2-Chlorotoluene	12.939	91	575485	39.239	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	688194	40.689	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	93817	39.263	ug/l	97
82) 4-Chlorotoluene	13.039	91	563828	40.633	ug/l	98
83) tert-Butylbenzene	13.257	119	595986	38.475	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	694040	41.199	ug/l	97
85) sec-Butylbenzene	13.433	105	836318	40.473	ug/l	98
86) p-Isopropyltoluene	13.551	119	692636	41.402	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	345299	39.209	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	344912	38.695	ug/l	99
89) n-Butylbenzene	13.874	91	576654	42.213	ug/l	98
90) Hexachloroethane	14.145	117	130041	41.231	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	358802	39.067	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.533	75	78839	42.146	ug/l	93
93) 1,2,4-Trichlorobenzene	15.192	180	207107	40.747	ug/l	99
94) Hexachlorobutadiene	15.292	225	83019	37.534	ug/l	98
95) Naphthalene	15.427	128	853417	41.506	ug/l	98
96) 1,2,3-Trichlorobenzene	15.621	180	214779	39.572	ug/l	97

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ClientSampleId :
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QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

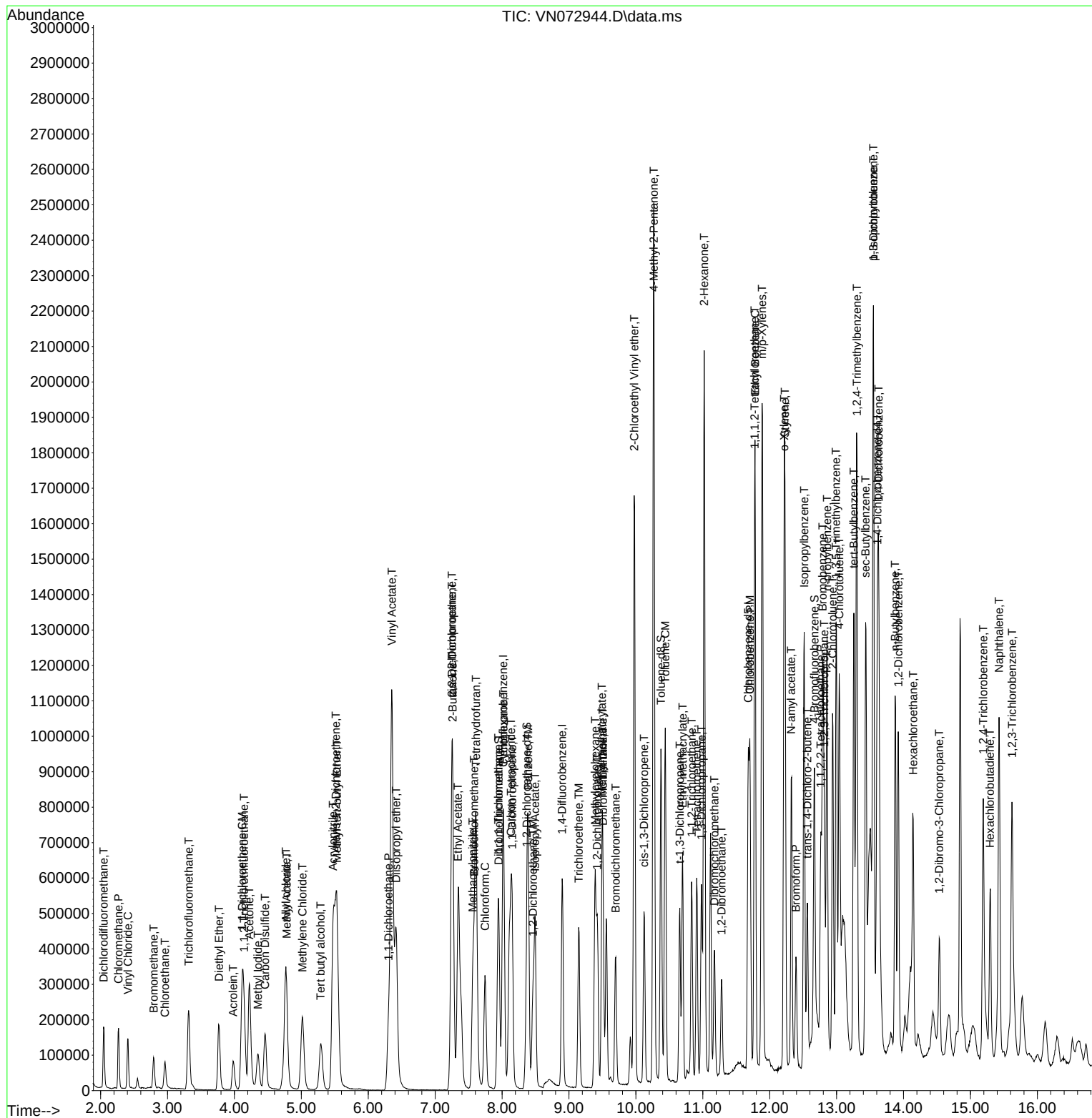
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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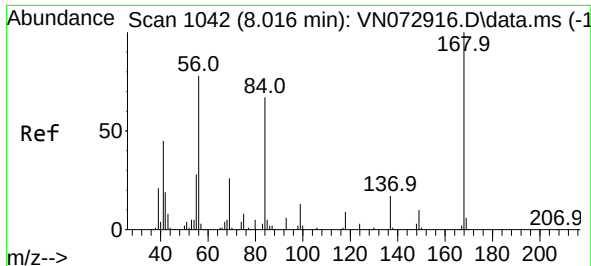
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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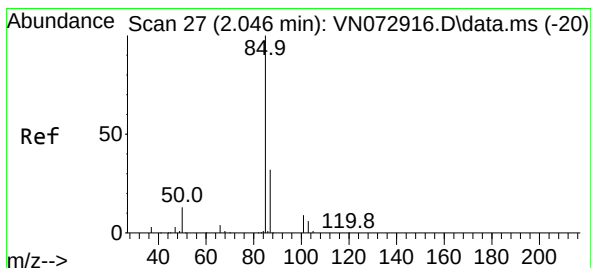
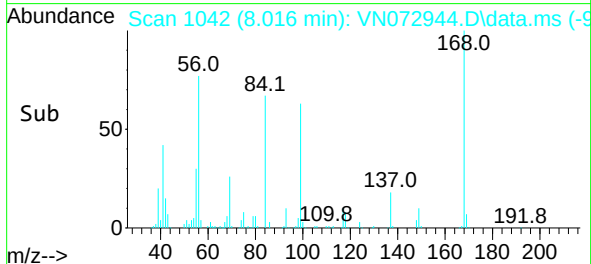
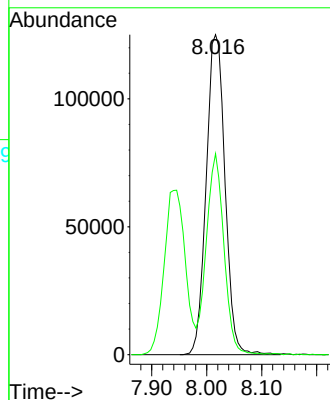
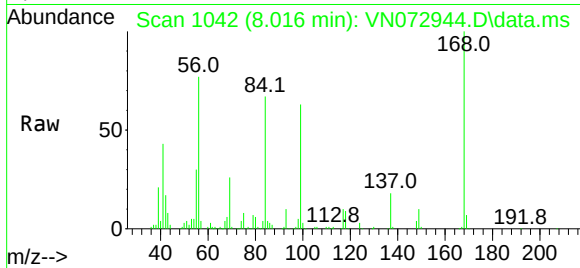




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072944.D
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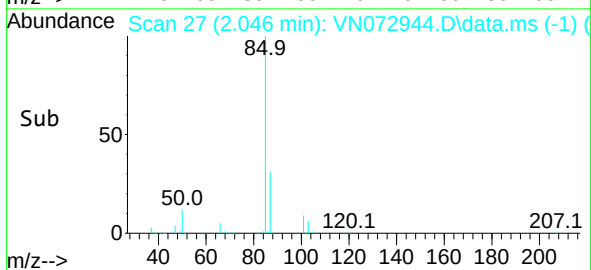
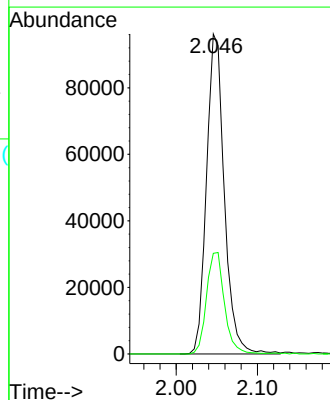
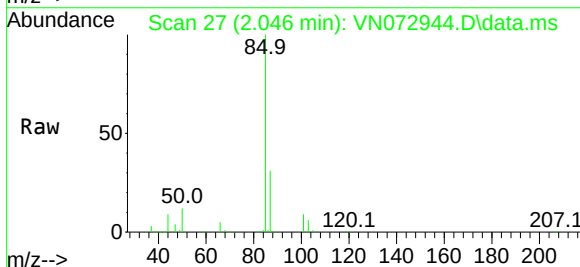
Instrument :
MSVOA_N
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VSTDCCC050EC

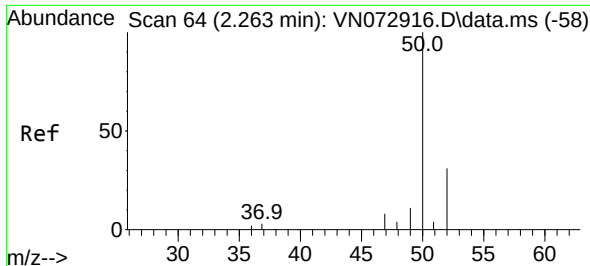
Tgt Ion:168 Resp: 297300
Ion Ratio Lower Upper
168 100
99 62.5 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 51.650 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 85 Resp: 146205
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.1

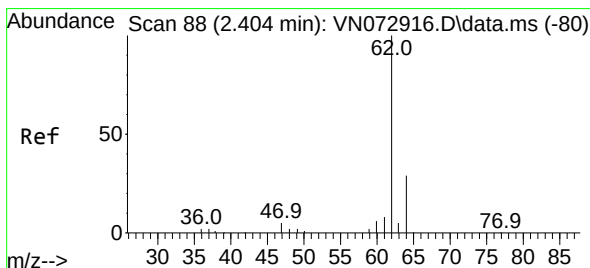
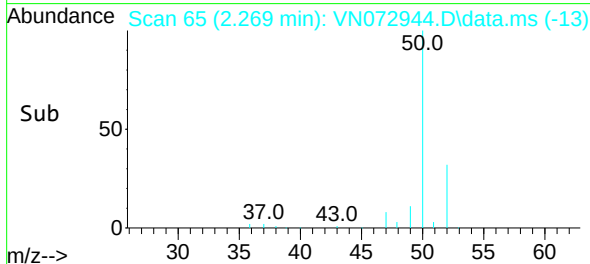
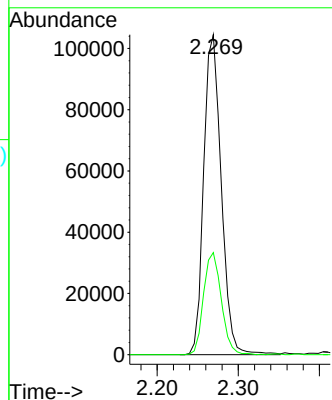
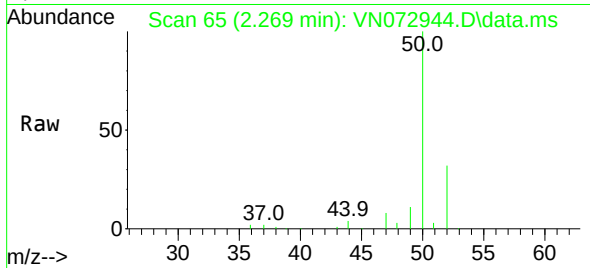




#3
Chloromethane
Concen: 51.496 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

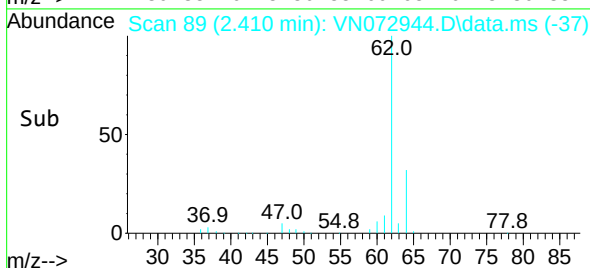
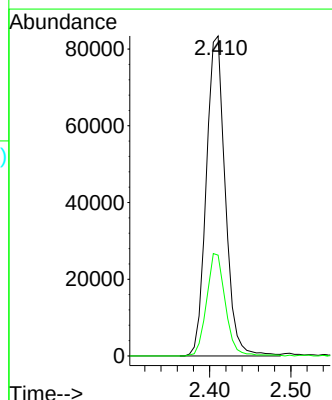
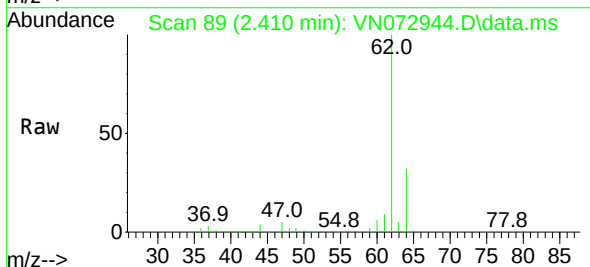
Instrument :
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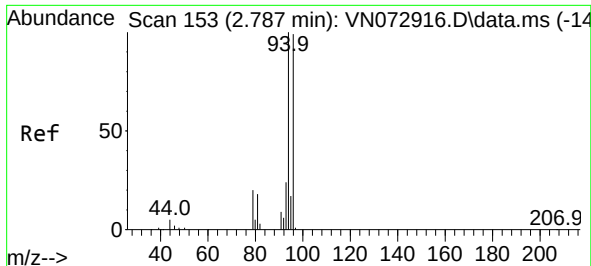
Tgt Ion: 50 Resp: 156745
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5



#4
Vinyl Chloride
Concen: 53.191 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 62 Resp: 135026
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4

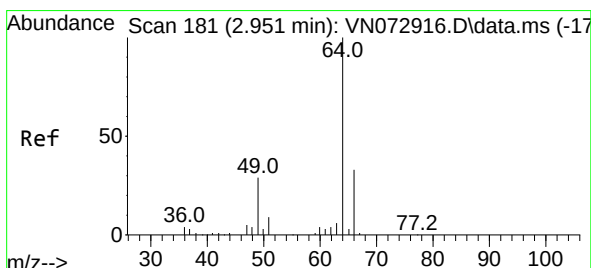
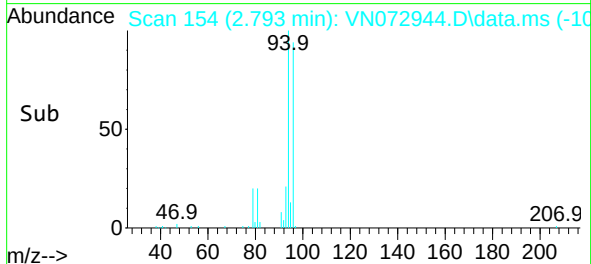
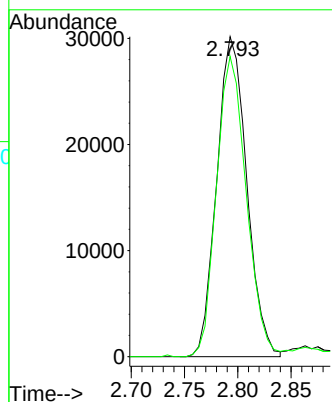
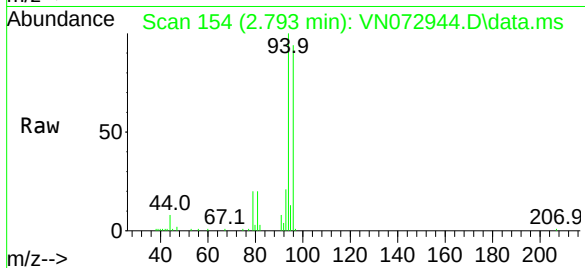




#5
Bromomethane
Concen: 59.207 ug/l
RT: 2.793 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072944.D
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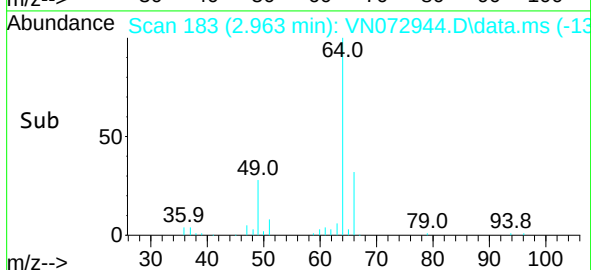
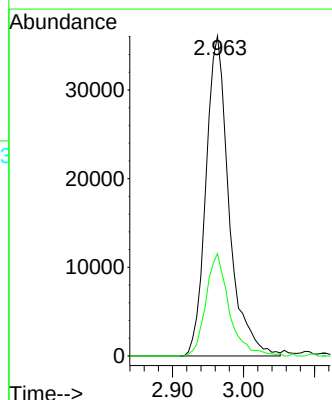
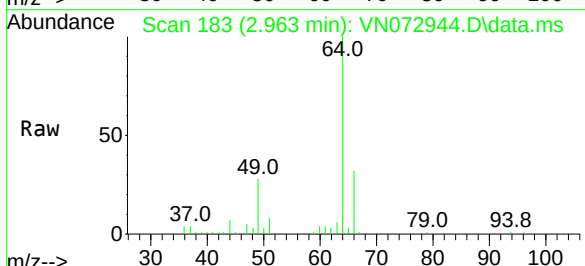
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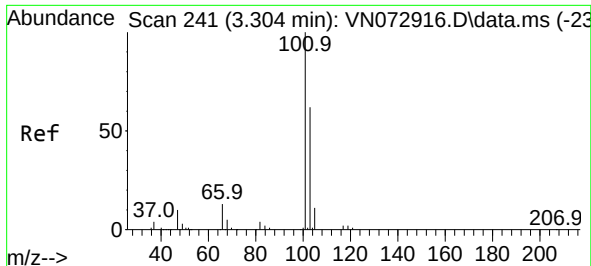
Tgt Ion: 94 Resp: 59166
Ion Ratio Lower Upper
94 100
96 93.8 76.0 114.0



#6
Chloroethane
Concen: 51.317 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 64 Resp: 81500
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

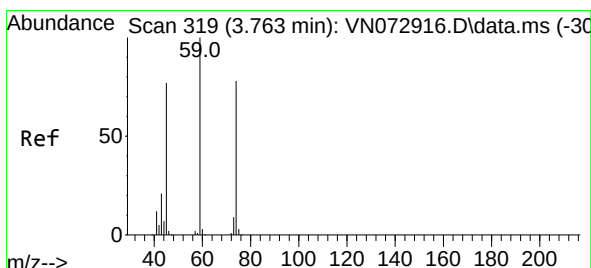
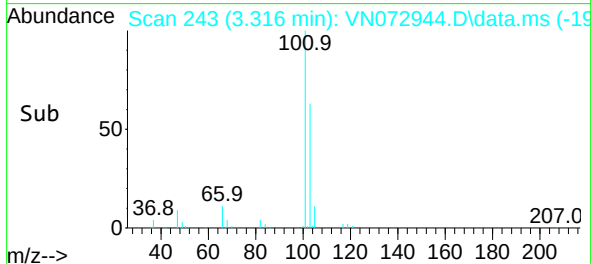
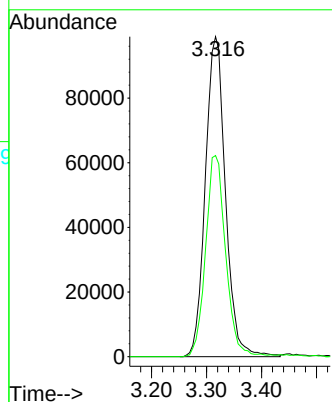
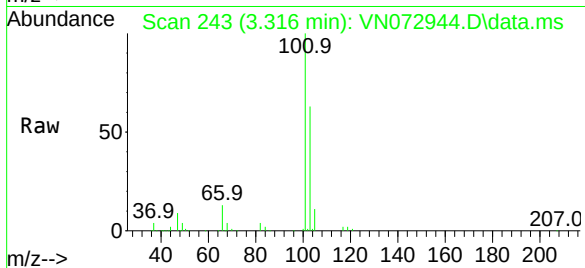




#7
Trichlorofluoromethane
Concen: 60.870 ug/l
RT: 3.316 min Scan# 241
Delta R.T. 0.012 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

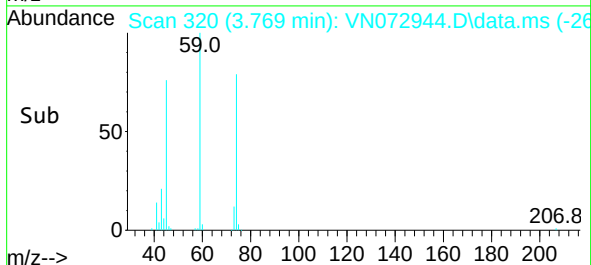
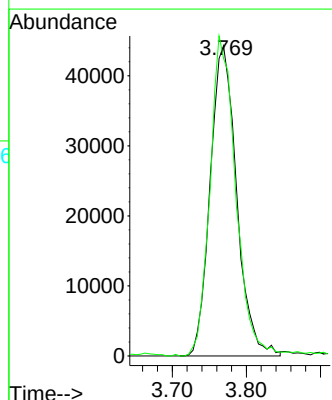
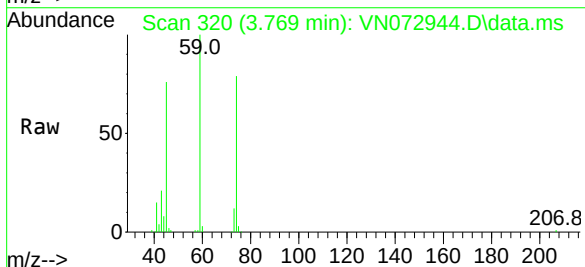
Instrument :
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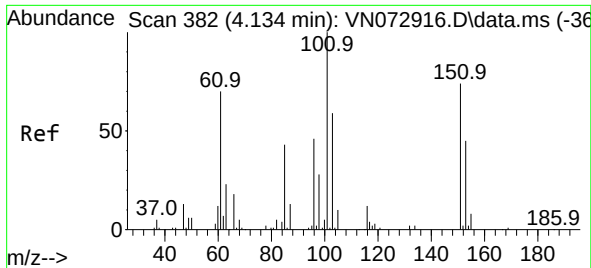
Tgt Ion:101 Resp: 251634
Ion Ratio Lower Upper
101 100
103 62.8 51.5 77.3



#8
Diethyl Ether
Concen: 51.495 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 74 Resp: 109864
Ion Ratio Lower Upper
74 100
45 100.4 42.9 128.5

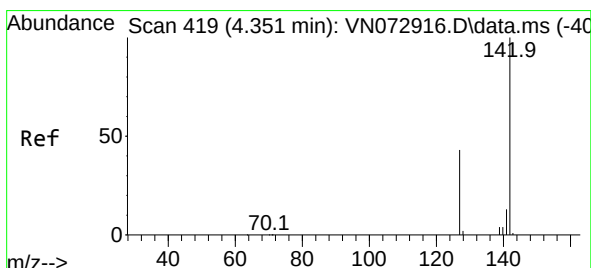
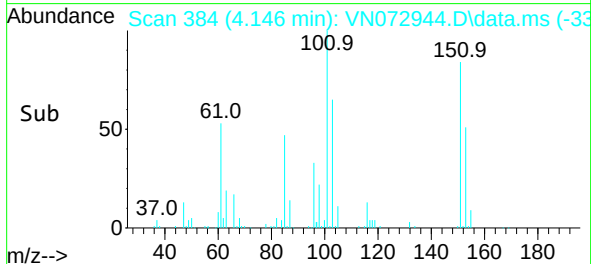
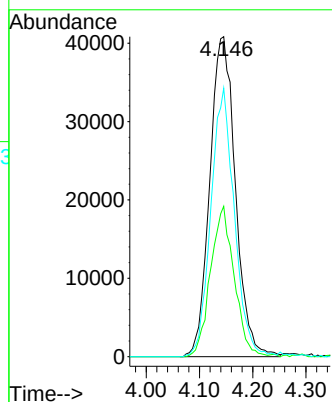
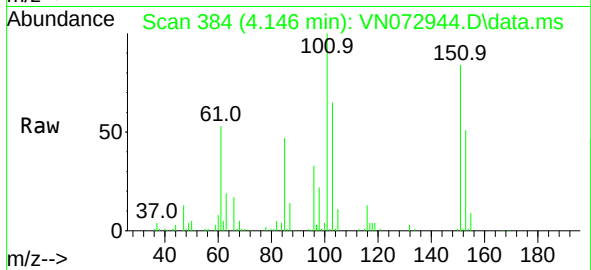




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.754 ug/l
RT: 4.146 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

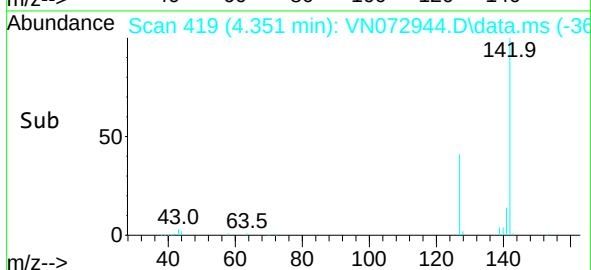
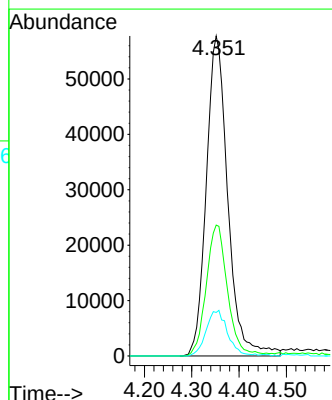
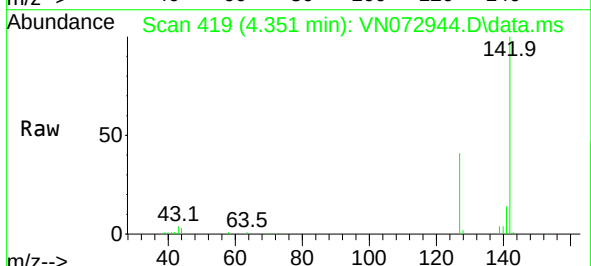
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

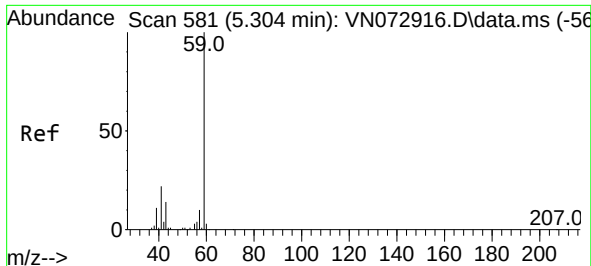
Tgt Ion:101 Resp: 136459
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 77.0 63.0 94.4



#10
Methyl Iodide
Concen: 55.529 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion:142 Resp: 181875
Ion Ratio Lower Upper
142 100
127 40.4 31.3 46.9
141 14.3 11.2 16.8

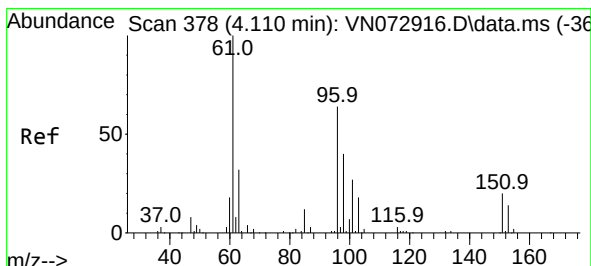
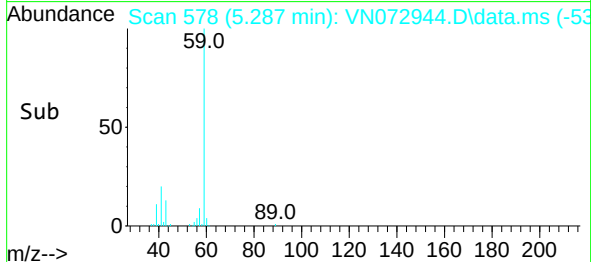
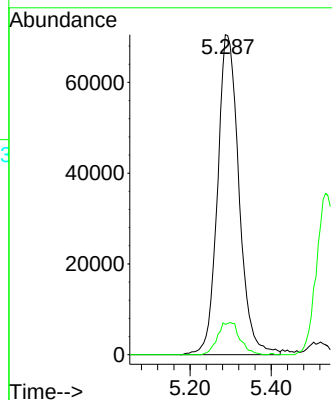
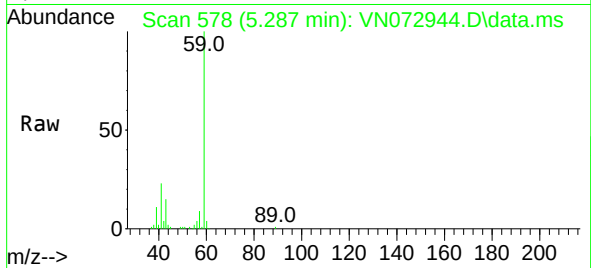




#11
Tert butyl alcohol
Concen: 249.427 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

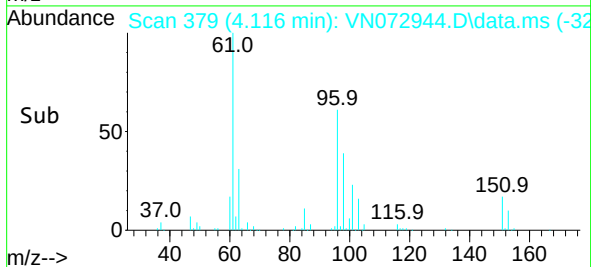
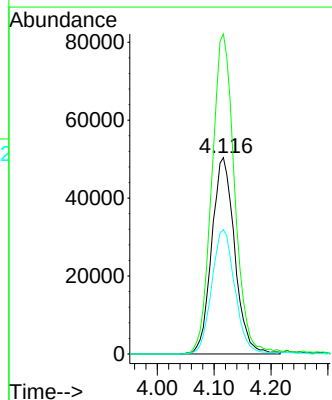
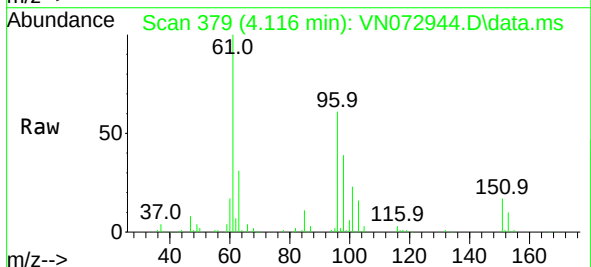
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

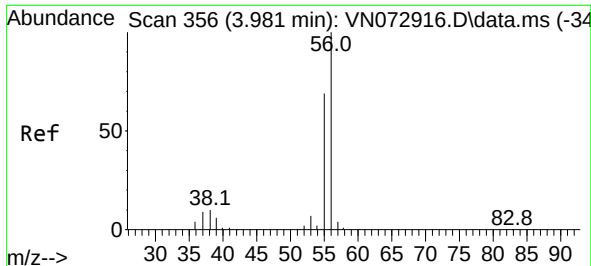
Tgt Ion: 59 Resp: 258972
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.714 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 96 Resp: 141507
Ion Ratio Lower Upper
96 100
61 163.1 127.6 191.4
98 63.3 51.2 76.8

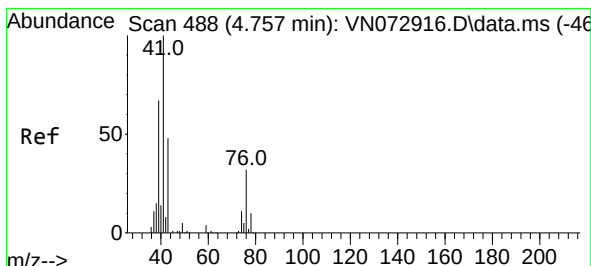
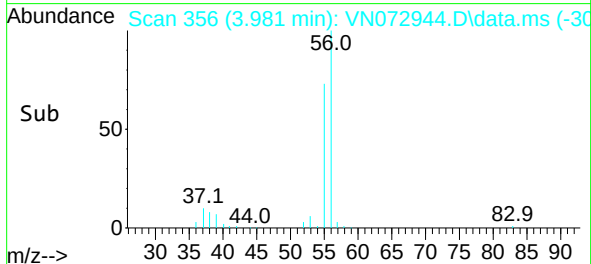
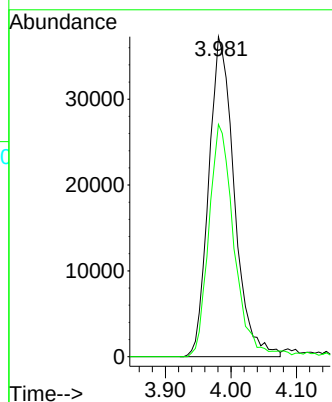
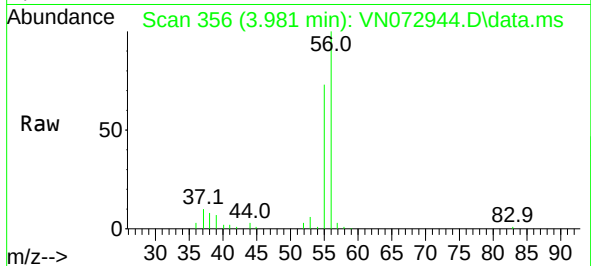




#13
Acrolein
Concen: 246.308 ug/l
RT: 3.981 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

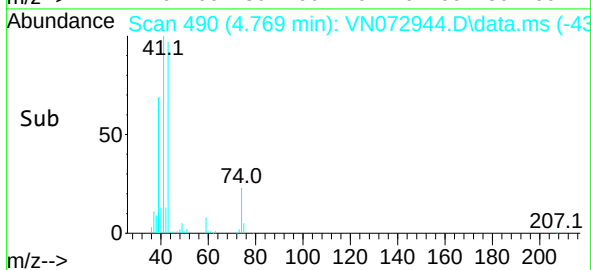
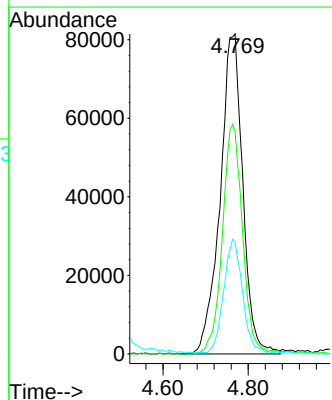
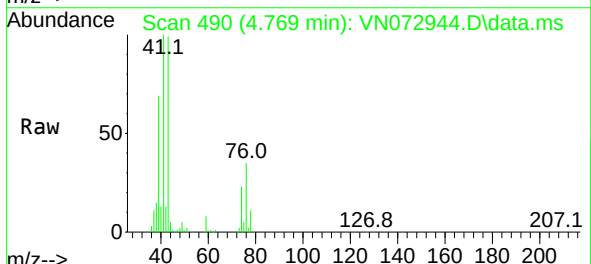
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

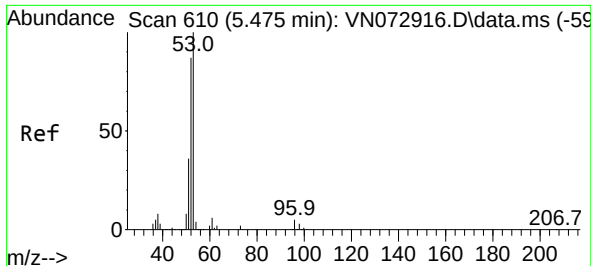
Tgt Ion: 56 Resp: 100719
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2



#14
Allyl chloride
Concen: 49.561 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.012 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 41 Resp: 301401
Ion Ratio Lower Upper
41 100
39 63.5 53.2 79.8
76 29.6 29.9 44.9#

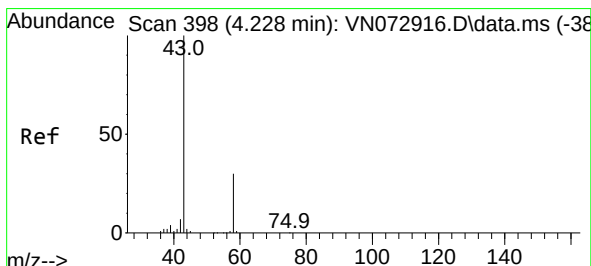
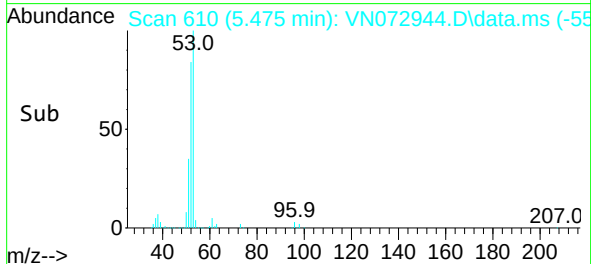
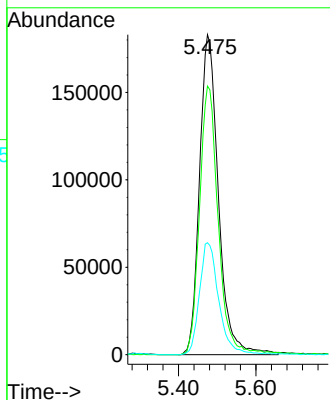
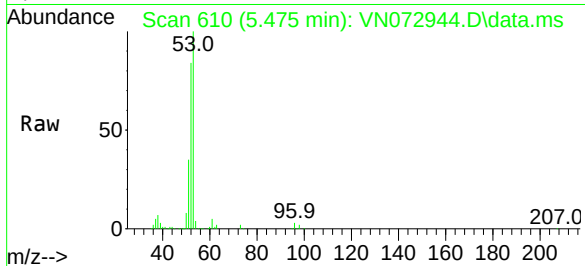




#15
Acrylonitrile
Concen: 258.950 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

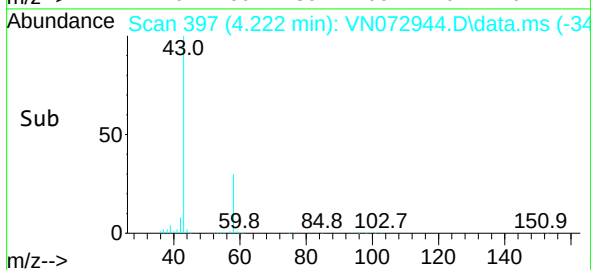
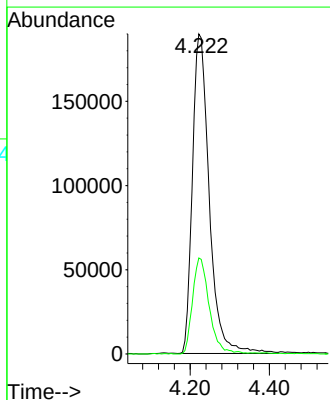
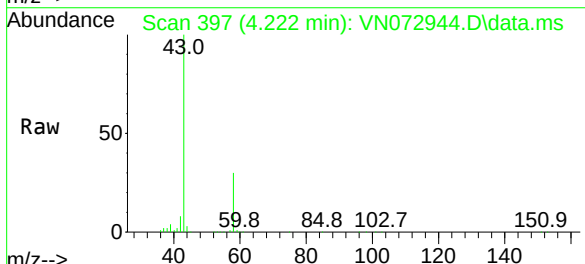
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

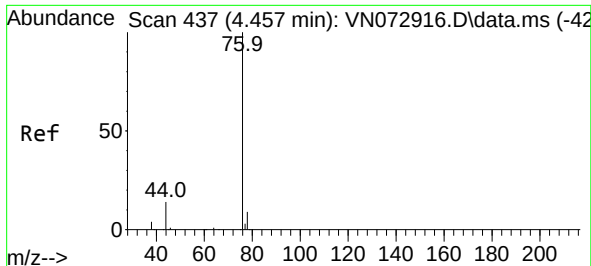
Tgt Ion: 53 Resp: 619778
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 35.7 28.5 42.7



#16
Acetone
Concen: 253.436 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 43 Resp: 559953
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0

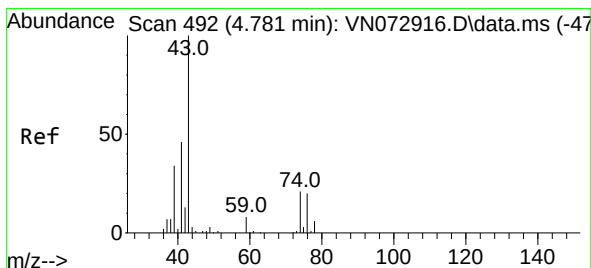
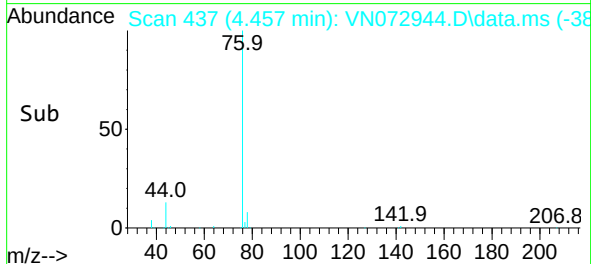
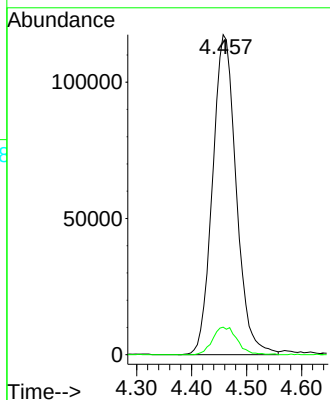
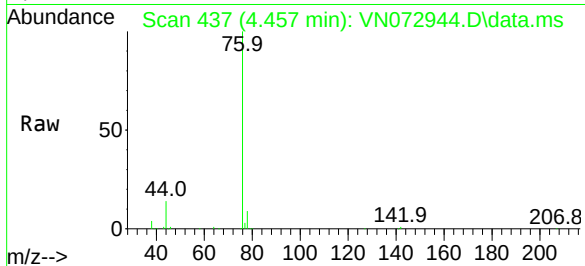




#17
Carbon Disulfide
Concen: 48.239 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

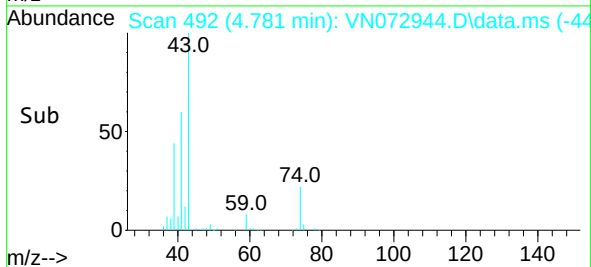
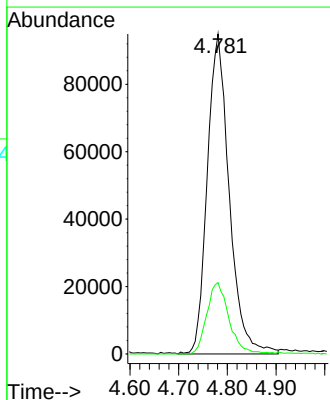
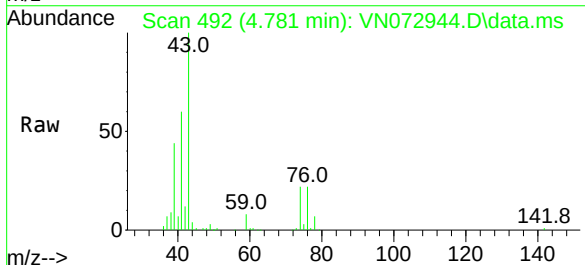
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

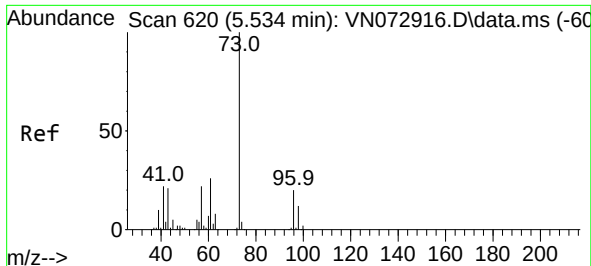
Tgt Ion: 76 Resp: 351805
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 50.412 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 43 Resp: 296608
Ion Ratio Lower Upper
43 100
74 22.5 21.6 32.4

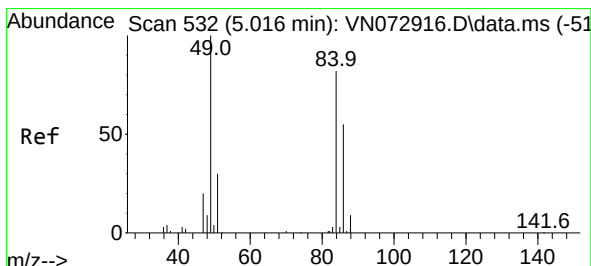
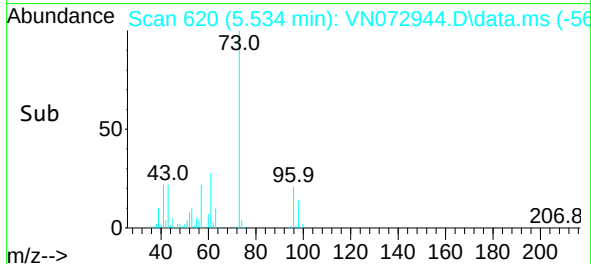
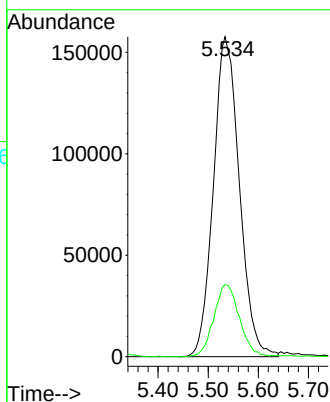
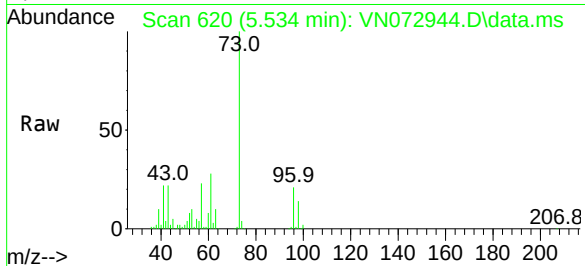




#19
Methyl tert-butyl Ether
Concen: 53.044 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

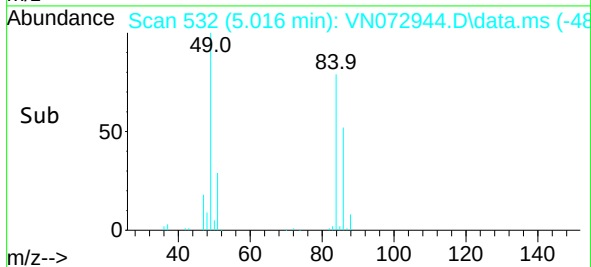
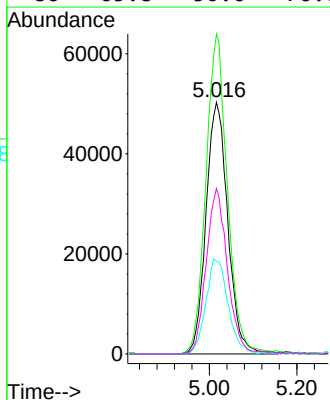
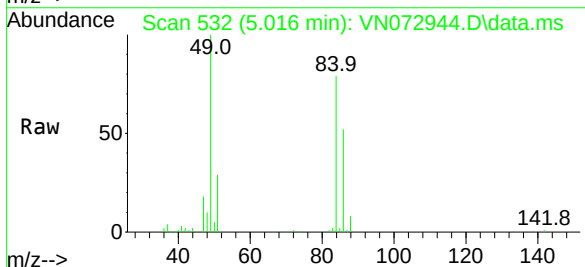
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

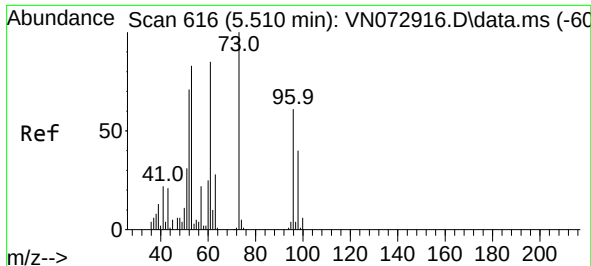
Tgt Ion: 73 Resp: 567041
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4



#20
Methylene Chloride
Concen: 50.978 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 84 Resp: 174688
Ion Ratio Lower Upper
84 100
49 127.2 88.3 132.5
51 36.9 28.2 42.2
86 65.8 50.6 76.0

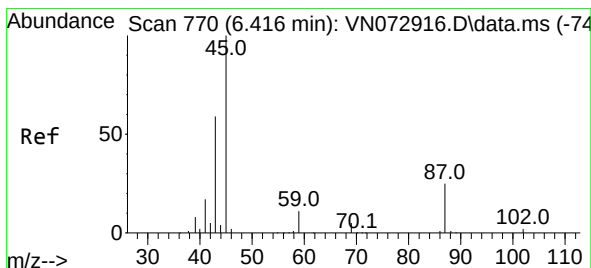
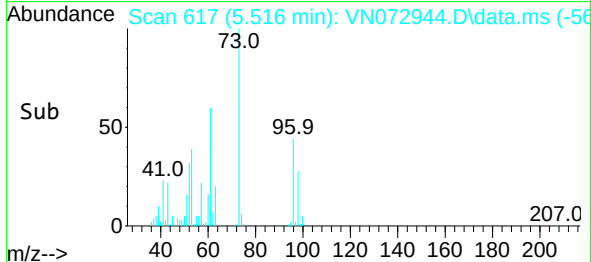
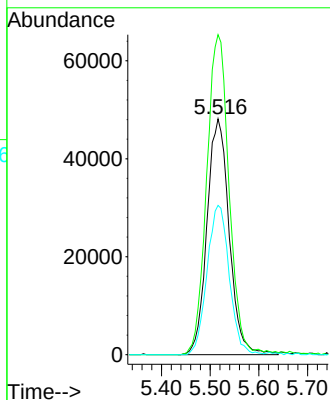
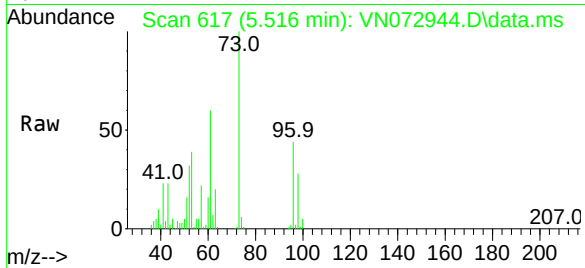




#21
trans-1,2-Dichloroethene
Concen: 49.266 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

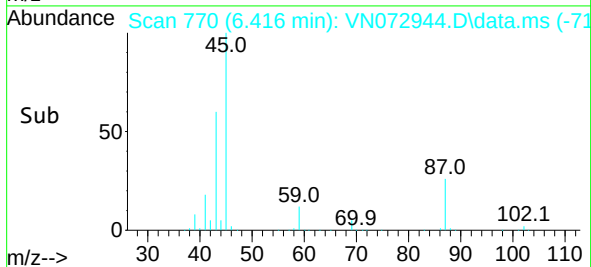
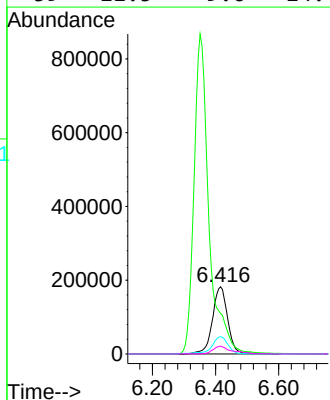
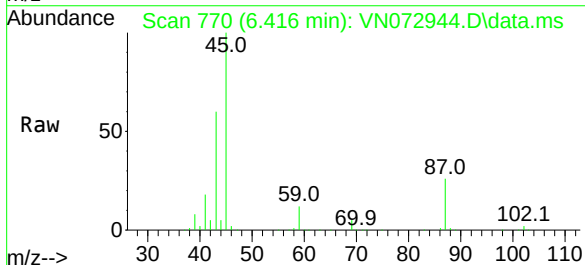
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

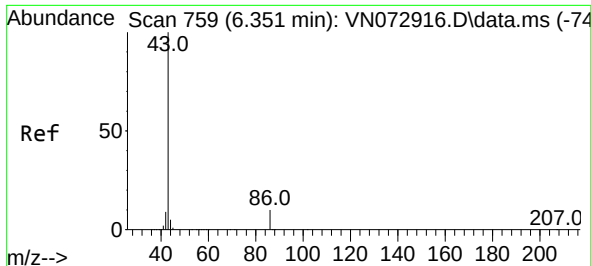
Tgt Ion: 96 Resp: 152539
Ion Ratio Lower Upper
96 100
61 135.7 105.8 158.8
98 63.3 50.3 75.5



#22
Diisopropyl ether
Concen: 53.707 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 45 Resp: 608885
Ion Ratio Lower Upper
45 100
43 59.7 46.6 70.0
87 25.7 24.3 36.5
59 11.5 9.6 14.4

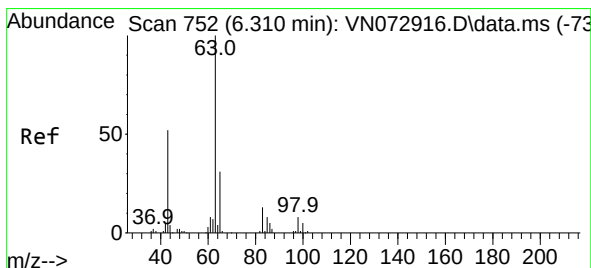
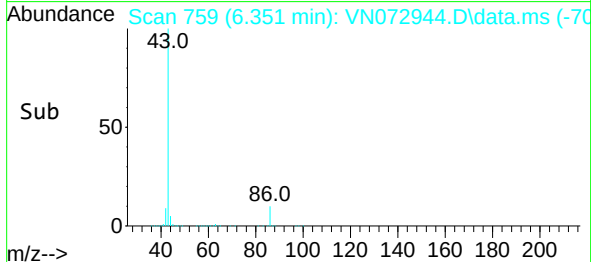
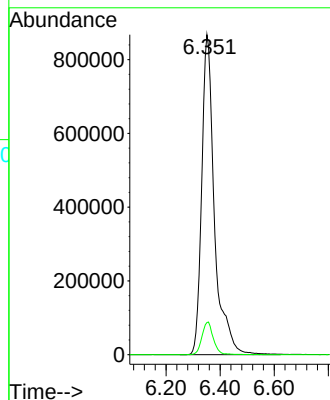
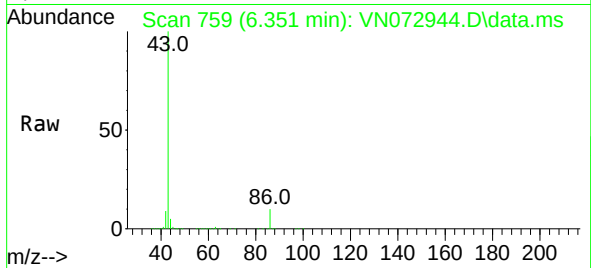




#23
 Vinyl Acetate
 Concen: 272.402 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN072944.D
 Acq: 18 Jun 2022 16:58

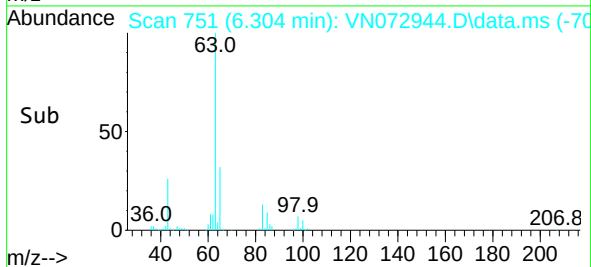
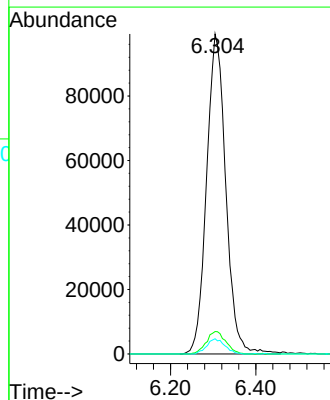
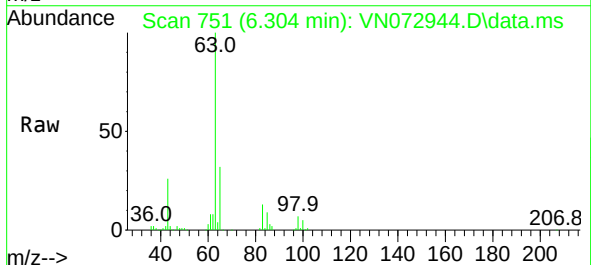
Instrument :
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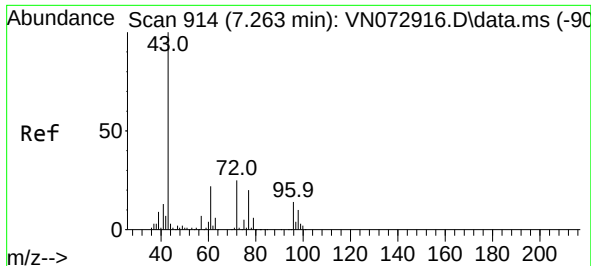
Tgt Ion: 43 Resp: 2850797
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 52.412 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN072944.D
 Acq: 18 Jun 2022 16:58

Tgt Ion: 63 Resp: 311525
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.7 2.3 6.8

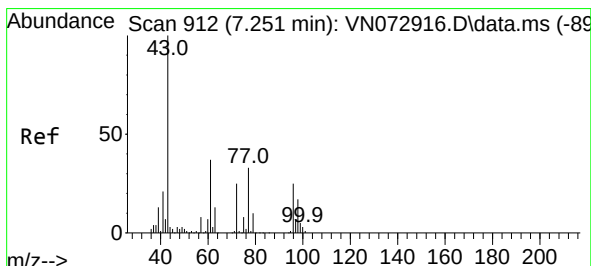
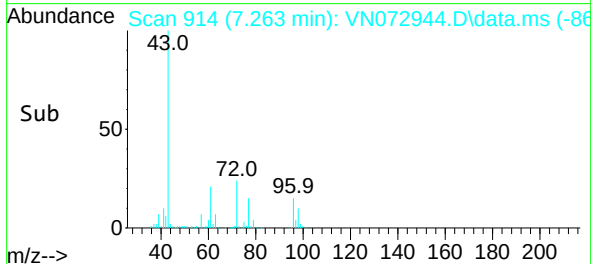
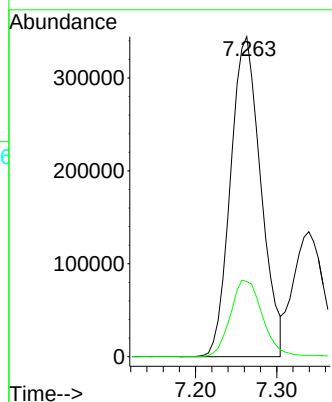
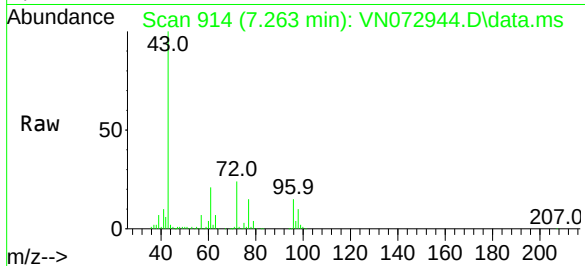




#25
2-Butanone
Concen: 254.948 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

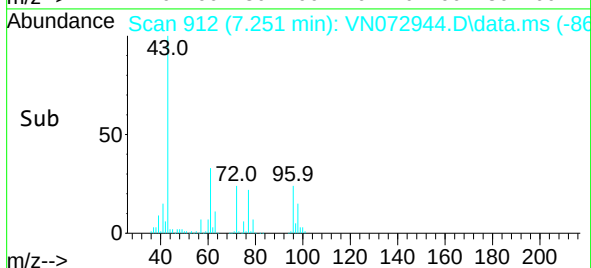
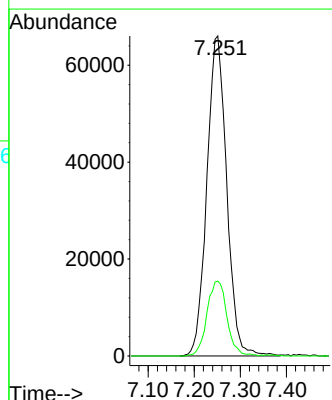
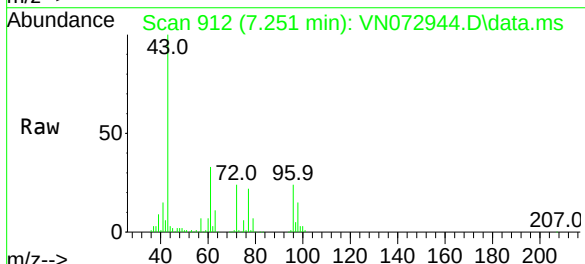
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

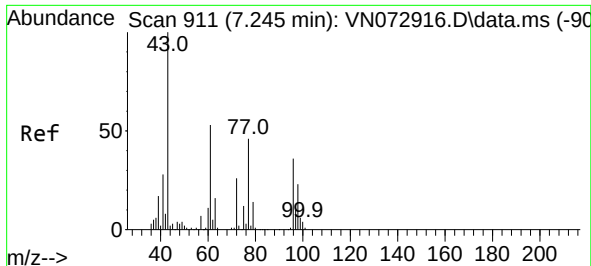
Tgt Ion: 43 Resp: 893861
Ion Ratio Lower Upper
43 100
72 23.5 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 40.006 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 77 Resp: 197953
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2

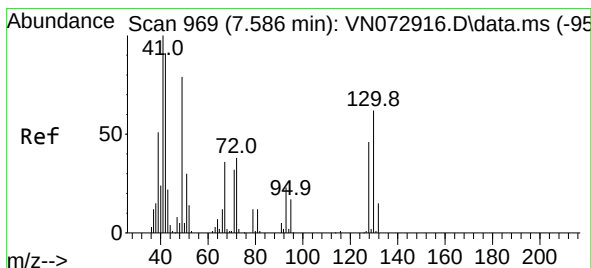
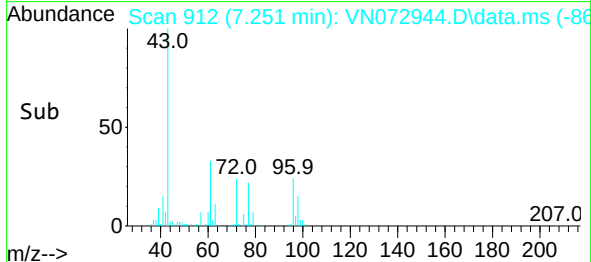
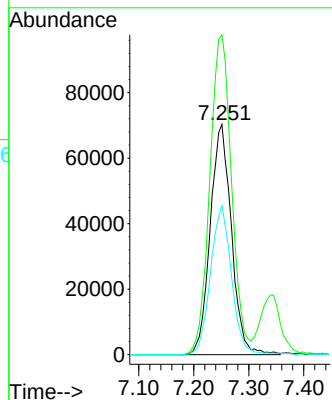
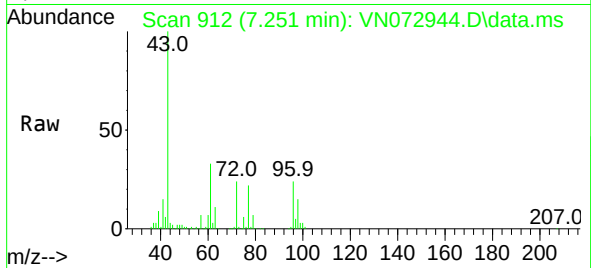




#27
 cis-1,2-Dichloroethene
 Concen: 50.962 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN072944.D
 Acq: 18 Jun 2022 16:58

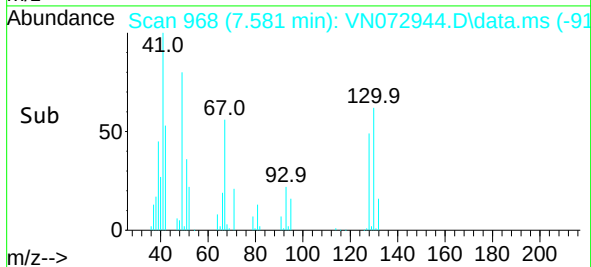
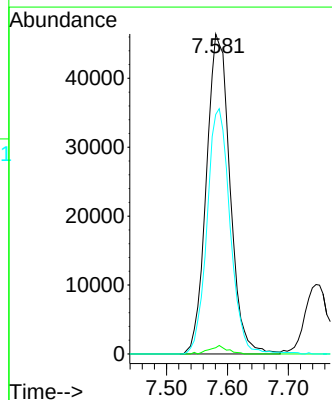
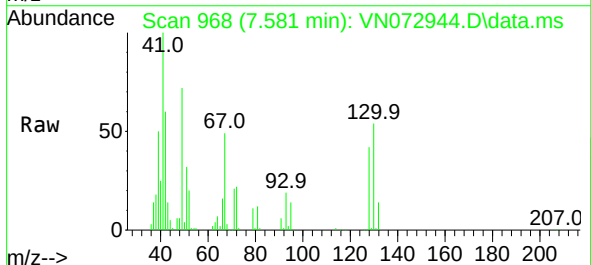
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

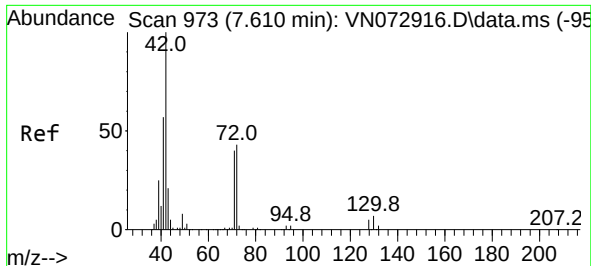
Tgt Ion: 96 Resp: 188517
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 280.6
 98 64.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 50.795 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN072944.D
 Acq: 18 Jun 2022 16:58

Tgt Ion: 49 Resp: 124862
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 75.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 261.929 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

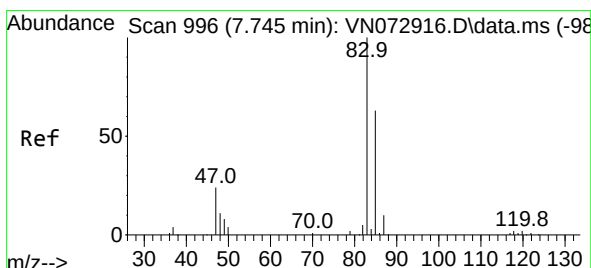
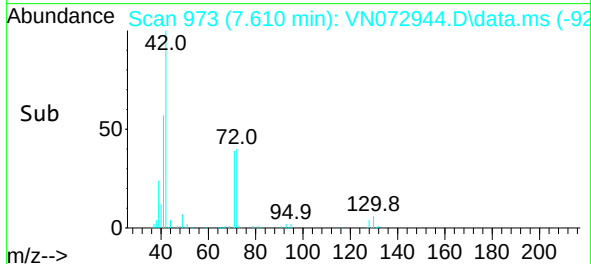
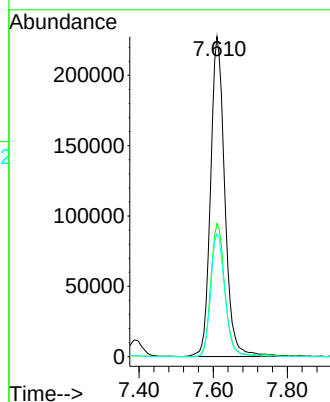
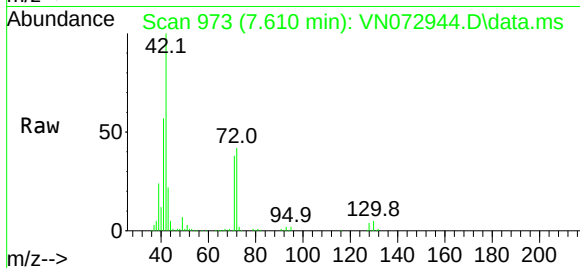
Tgt Ion: 42 Resp: 606434

Ion Ratio Lower Upper

42 100

72 41.0 39.7 59.5

71 38.6 36.6 55.0



#30

Chloroform

Concen: 52.369 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN072944.D

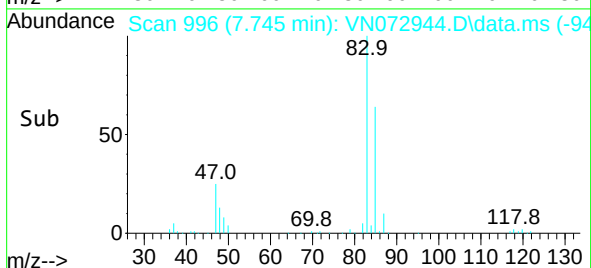
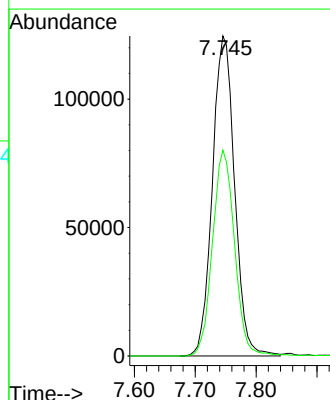
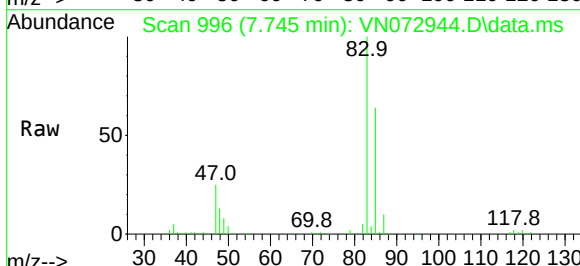
Acq: 18 Jun 2022 16:58

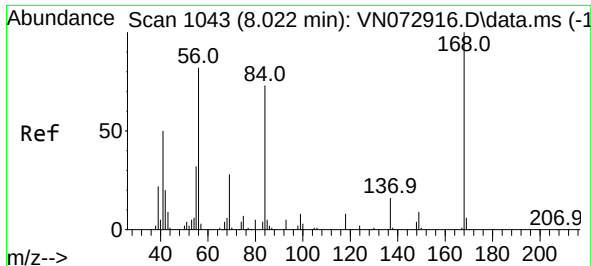
Tgt Ion: 83 Resp: 315111

Ion Ratio Lower Upper

83 100

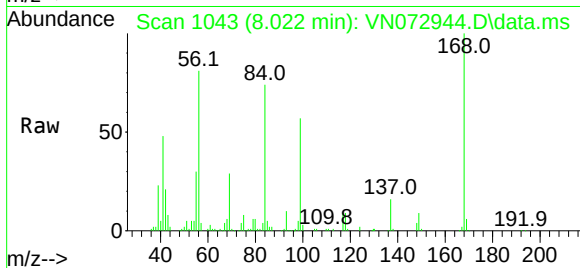
85 64.3 51.8 77.8



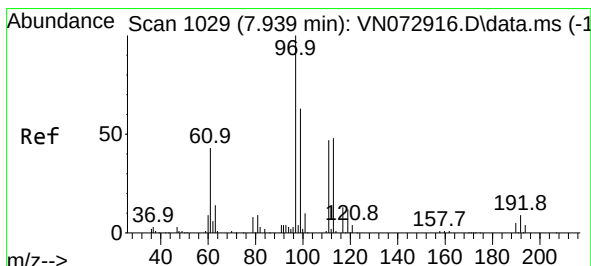
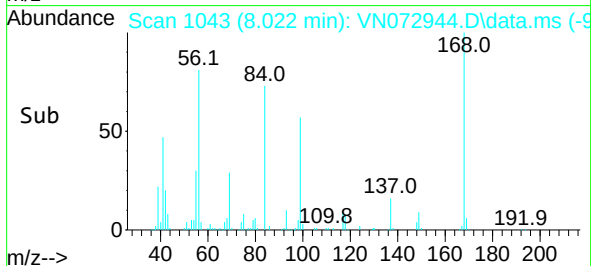
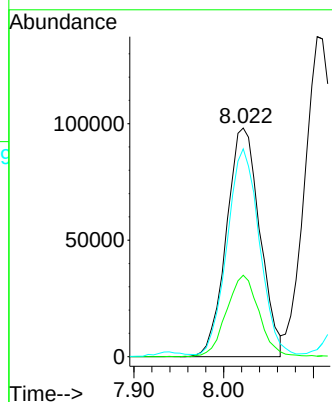


#31
Cyclohexane
Concen: 46.687 ug/l
RT: 8.022 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

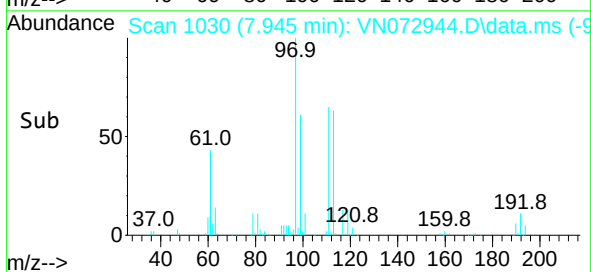
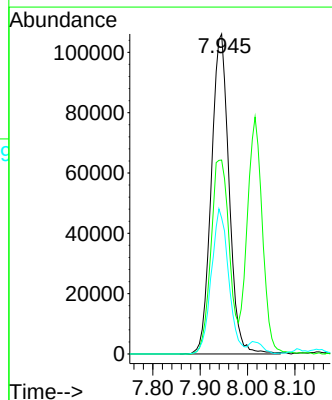
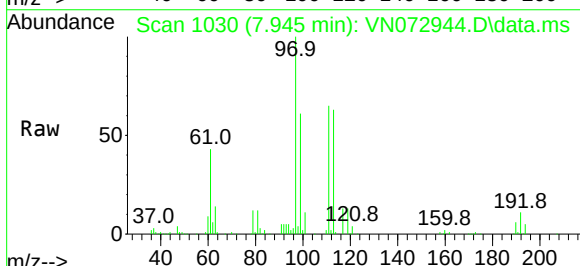


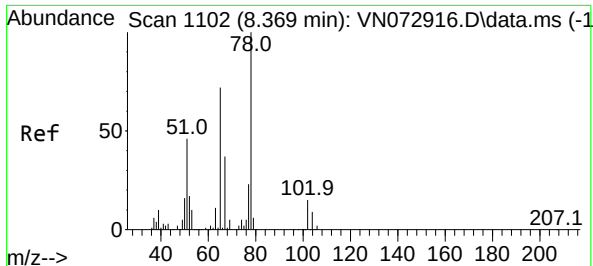
Tgt Ion: 56 Resp: 253840
Ion Ratio Lower Upper
56 100
69 35.6 27.8 41.8
84 89.4 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 52.307 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 97 Resp: 276192
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 44.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 55.307 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

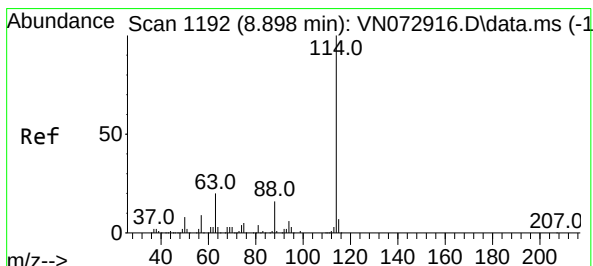
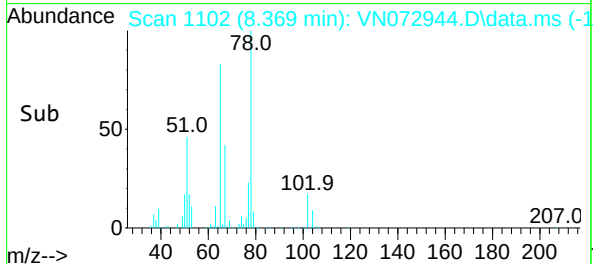
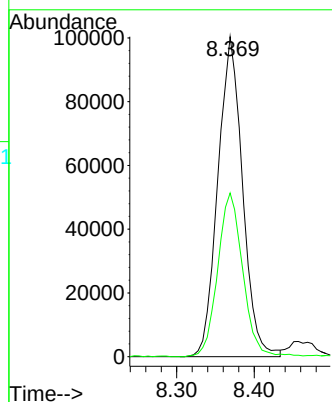
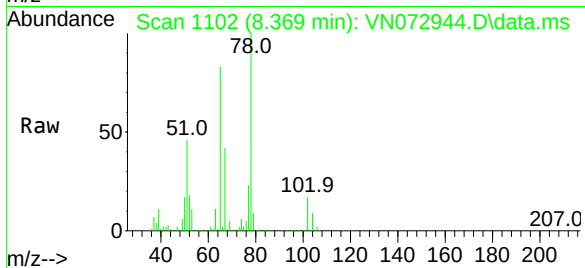
VSTDCCC050EC

Tgt Ion: 65 Resp: 222304

Ion Ratio Lower Upper

65 100

67 51.8 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: VN072944.D

Acq: 18 Jun 2022 16:58

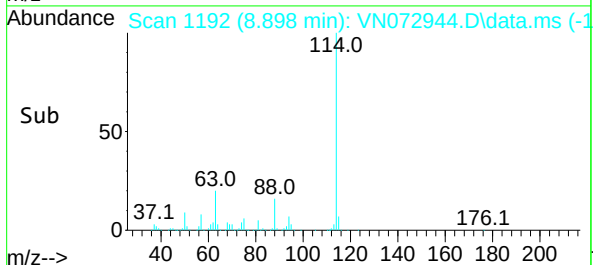
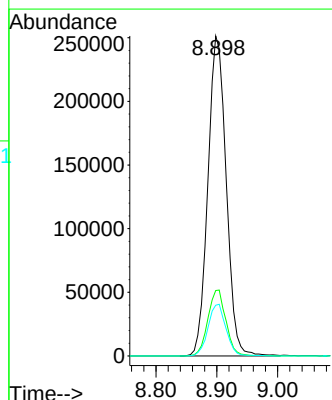
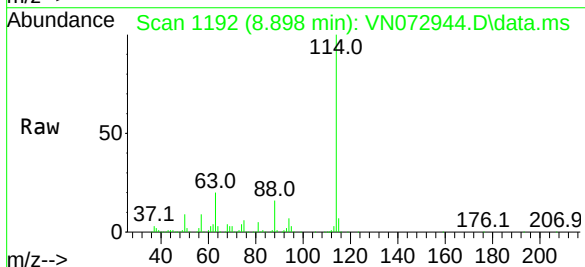
Tgt Ion: 114 Resp: 525601

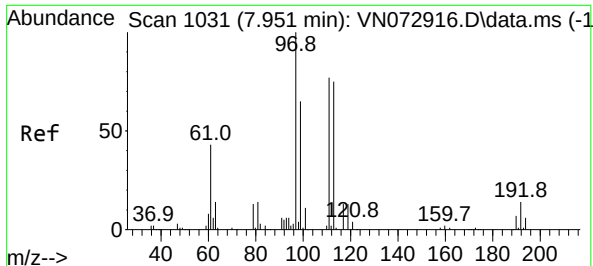
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.925 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

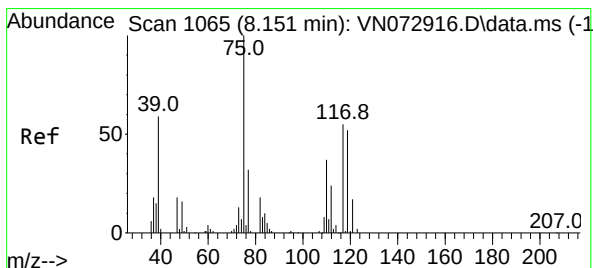
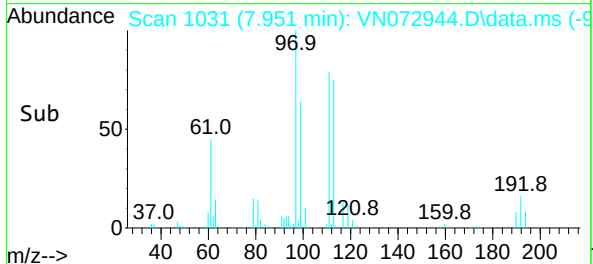
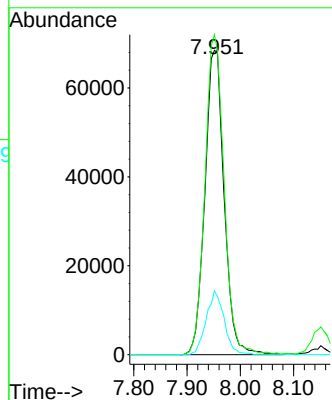
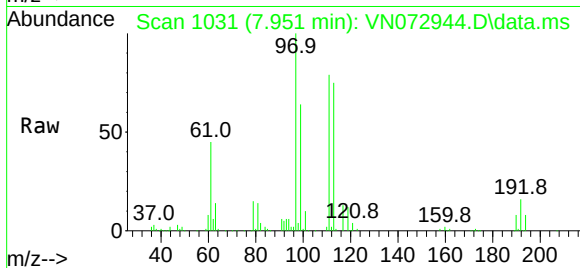
Tgt Ion:113 Resp: 171936

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 19.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 48.877 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

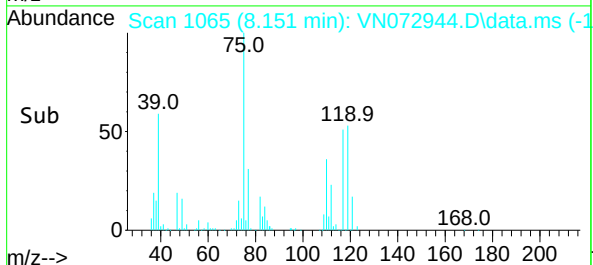
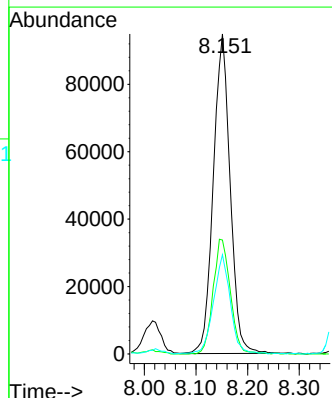
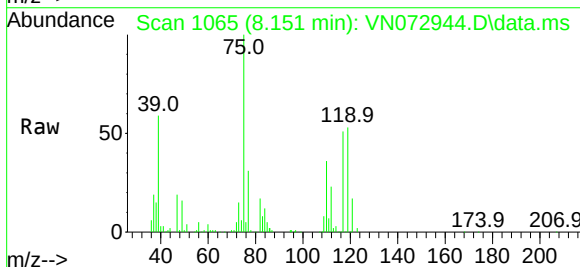
Tgt Ion: 75 Resp: 214856

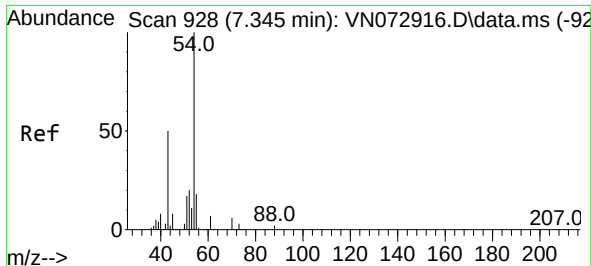
Ion Ratio Lower Upper

75 100

110 36.8 18.3 54.8

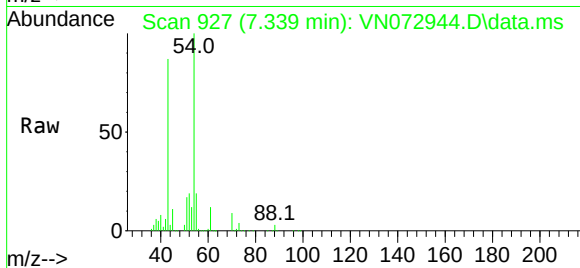
77 31.2 25.1 37.7



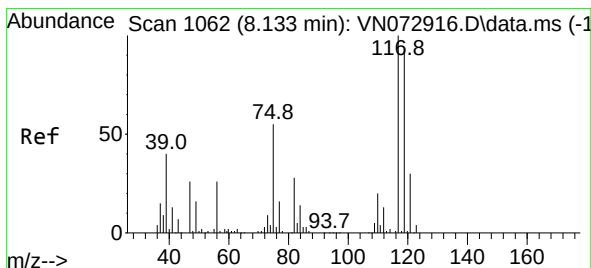
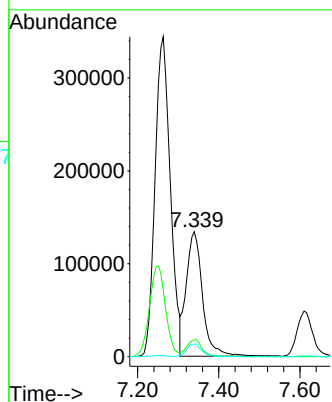
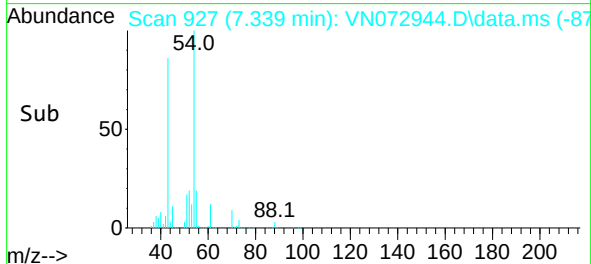


#37
Ethyl Acetate
Concen: 52.998 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

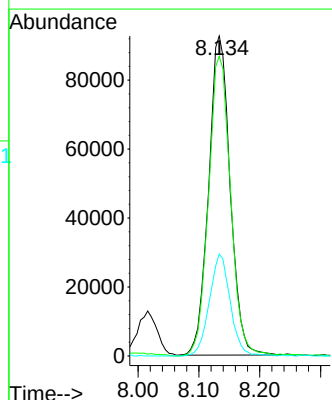
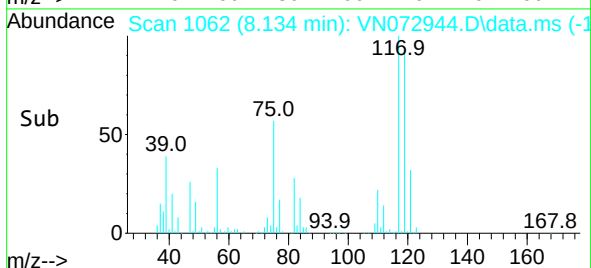
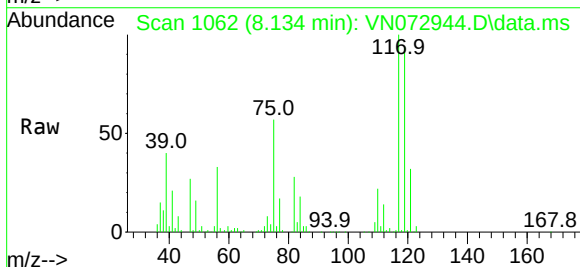


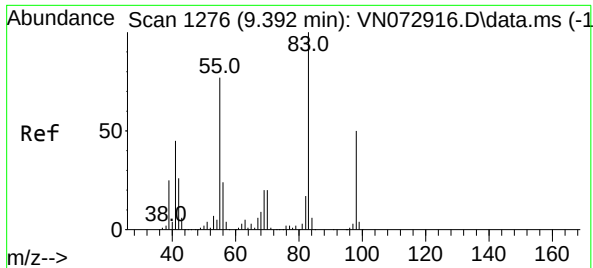
Tgt Ion: 43 Resp: 372640
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 9.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 49.259 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 117 Resp: 227763
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
121 32.0 24.6 37.0





#39

Methylcyclohexane

Concen: 46.842 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

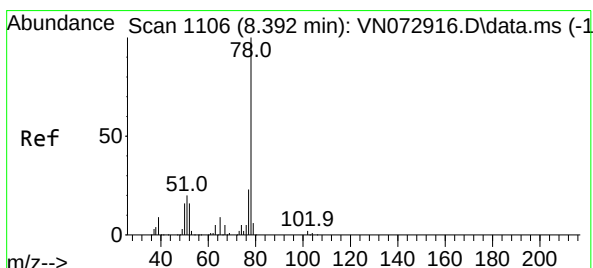
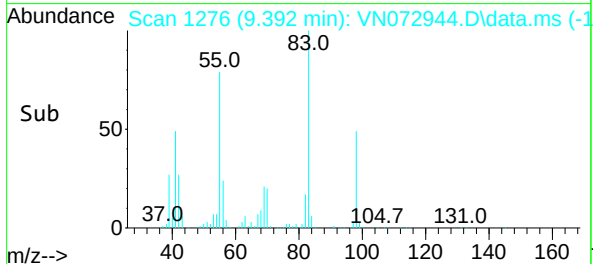
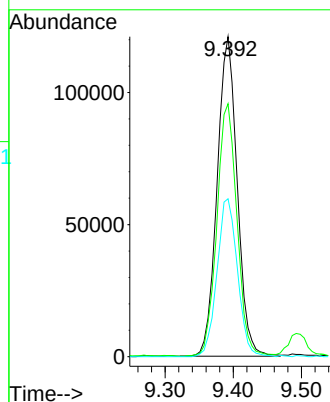
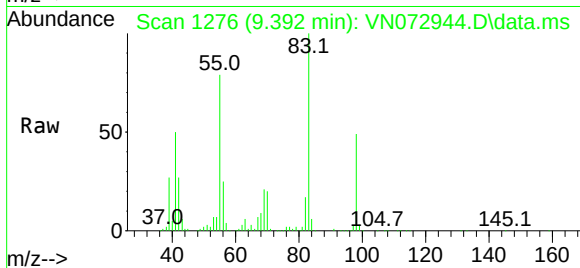
Tgt Ion: 83 Resp: 248192

Ion Ratio Lower Upper

83 100

55 79.0 57.8 86.8

98 49.4 39.4 59.2



#40

Benzene

Concen: 50.267 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN072944.D

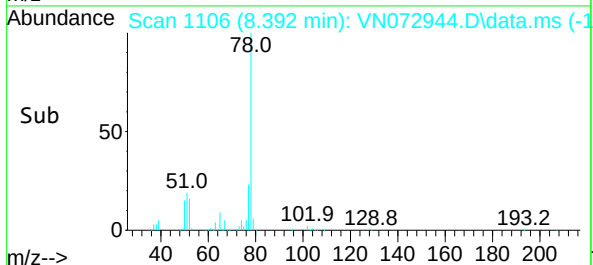
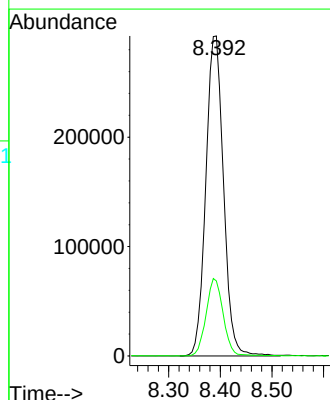
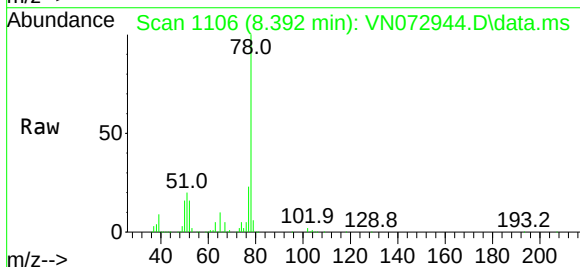
Acq: 18 Jun 2022 16:58

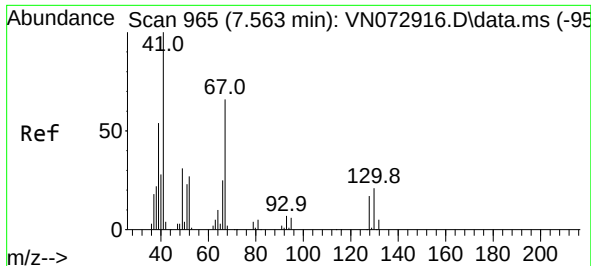
Tgt Ion: 78 Resp: 694440

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

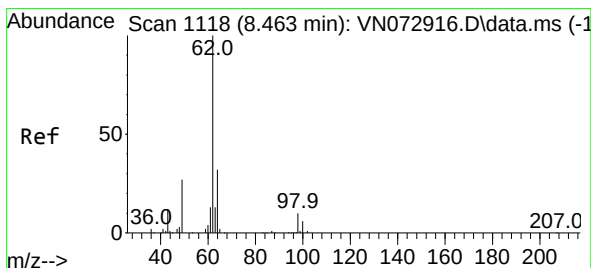
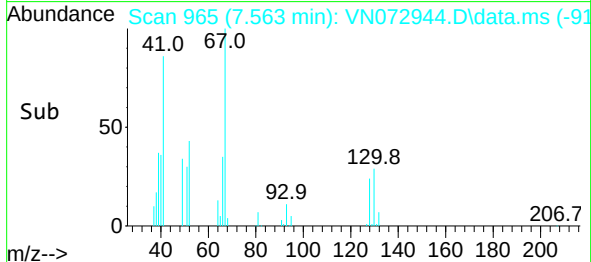
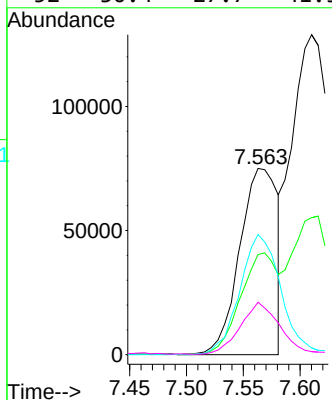
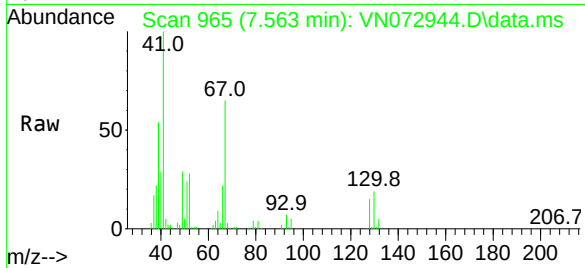




#41
Methacrylonitrile
Concen: 52.001 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

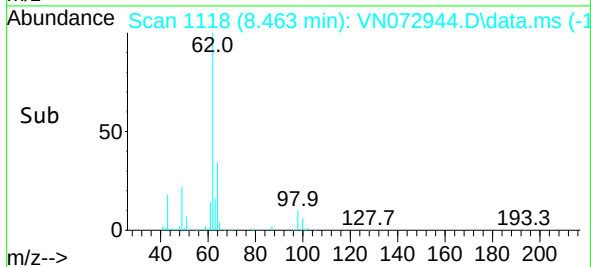
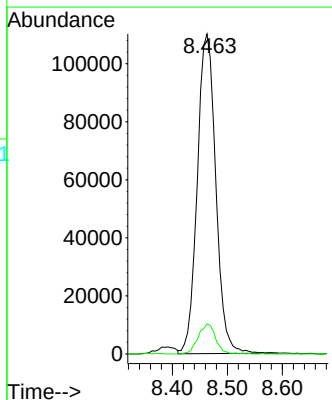
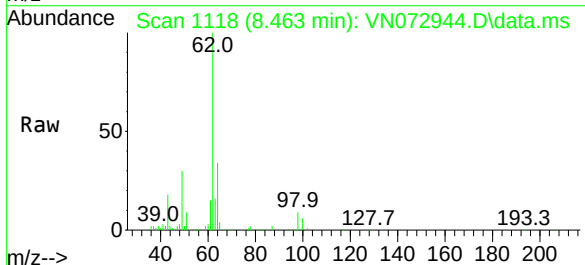
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

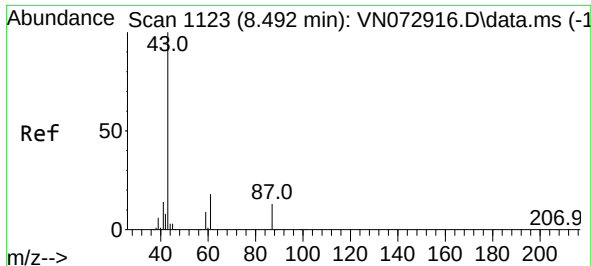
Tgt Ion: 41 Resp: 173384
Ion Ratio Lower Upper
41 100
39 52.9 48.6 73.0
67 71.0 73.4 110.2#
52 30.4 27.7 41.5



#42
1,2-Dichloroethane
Concen: 52.455 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 62 Resp: 257388
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4

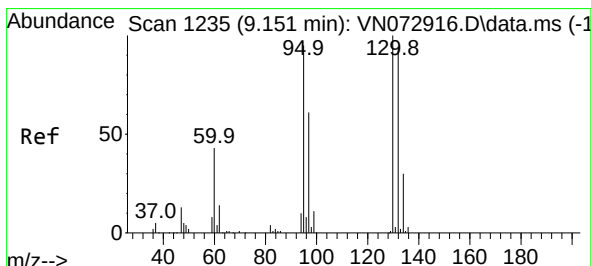
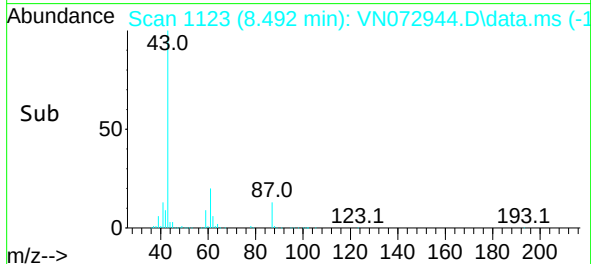
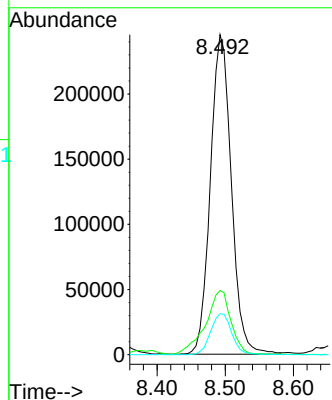
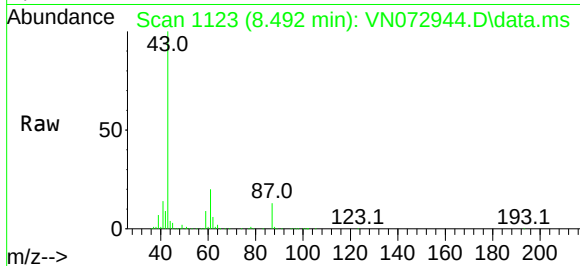




#43
Isopropyl Acetate
Concen: 52.189 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

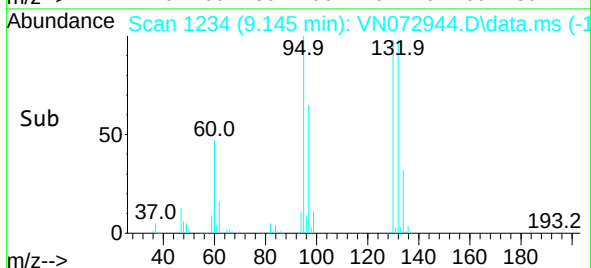
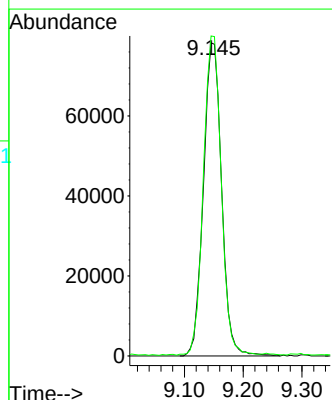
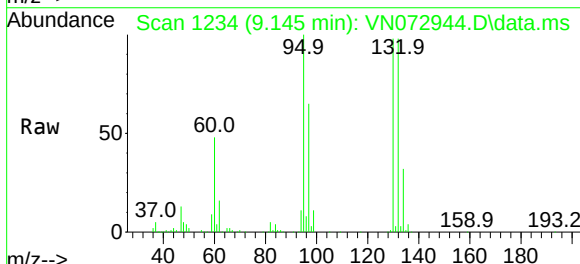
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

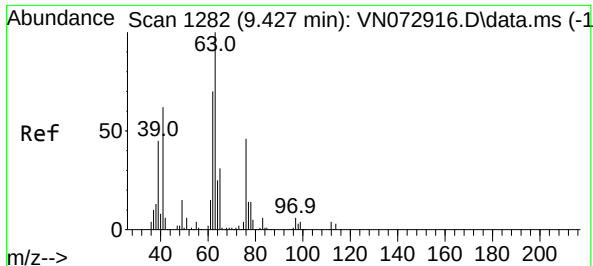
Tgt Ion: 43 Resp: 524540
Ion Ratio Lower Upper
43 100
61 24.3 21.9 32.9
87 13.0 12.0 18.0



#44
Trichloroethene
Concen: 47.957 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion:130 Resp: 167898
Ion Ratio Lower Upper
130 100
95 101.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.554 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

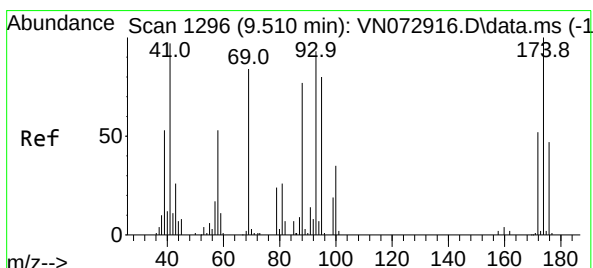
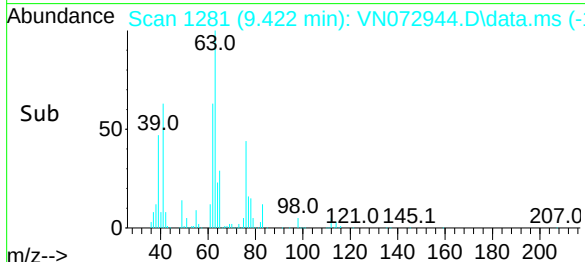
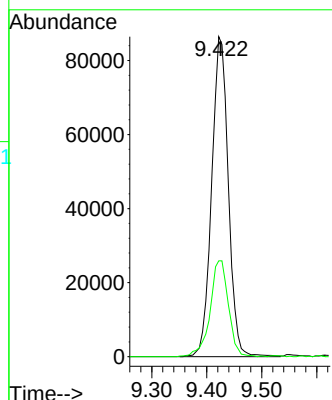
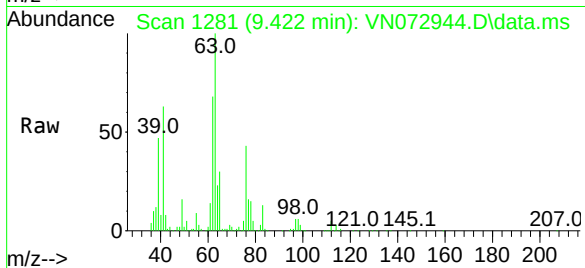
VSTDCCC050EC

Tgt Ion: 63 Resp: 182053

Ion Ratio Lower Upper

63 100

65 29.8 24.9 37.3



#46

Dibromomethane

Concen: 52.204 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

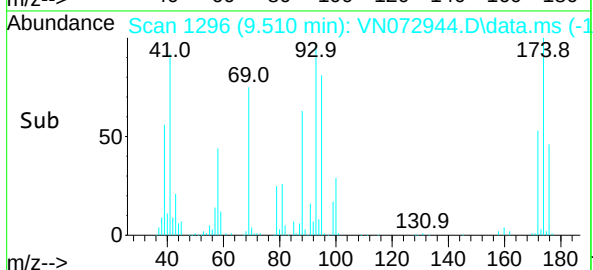
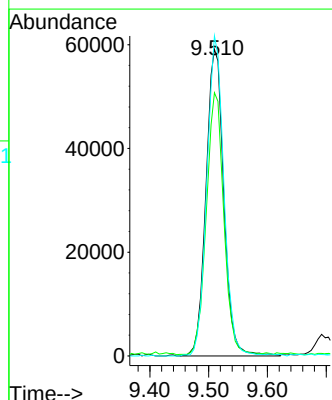
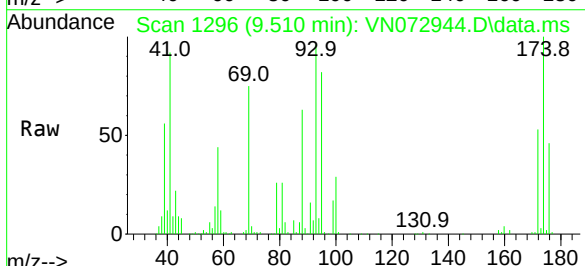
Tgt Ion: 93 Resp: 124650

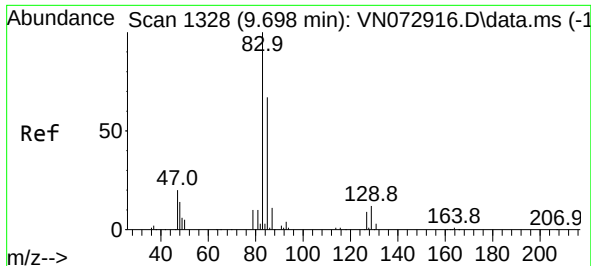
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

174 99.7 86.6 130.0

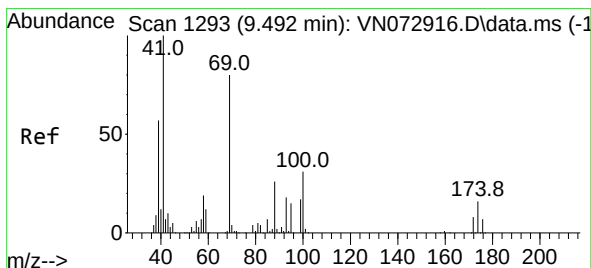
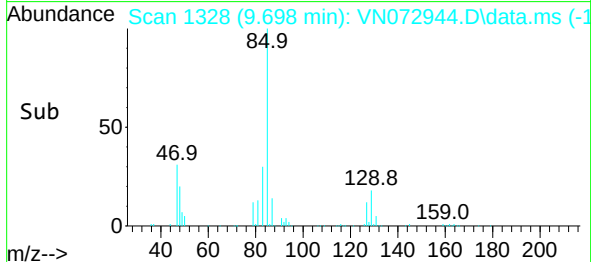
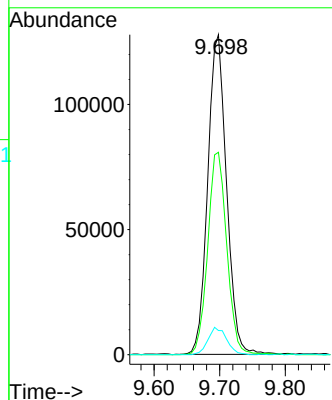
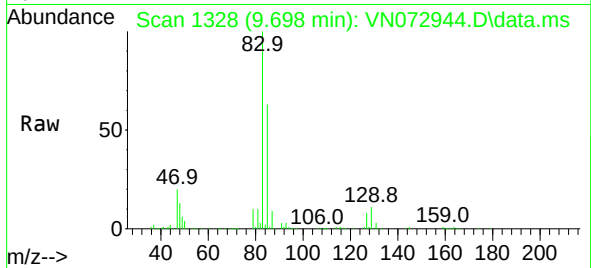




#47
Bromodichloromethane
Concen: 53.594 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

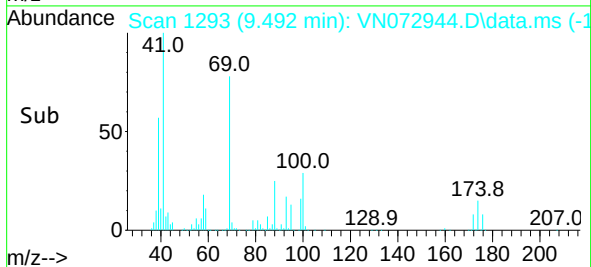
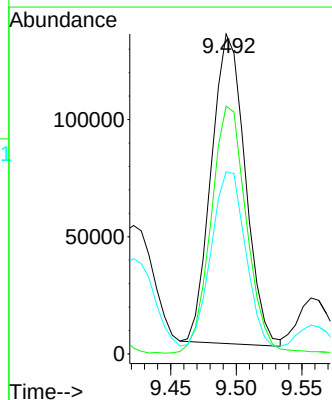
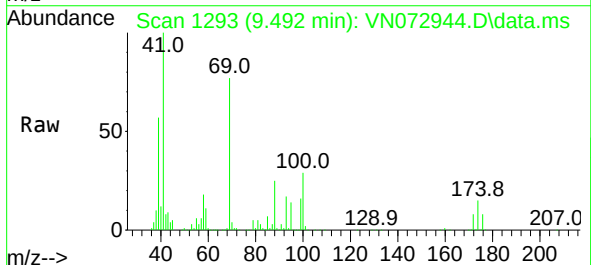
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

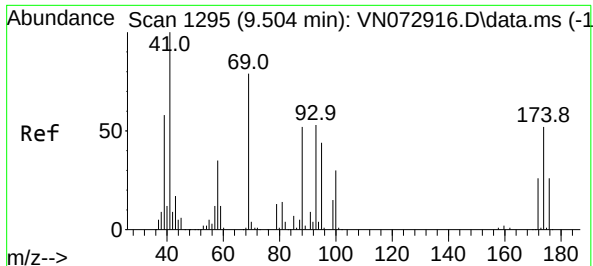
Tgt Ion: 83 Resp: 254323
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 7.6 6.8 10.2



#48
Methyl methacrylate
Concen: 51.700 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 41 Resp: 237244
Ion Ratio Lower Upper
41 100
69 84.6 74.7 112.1
39 62.3 45.6 68.4





#49

1,4-Dioxane

Concen: 933.199 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

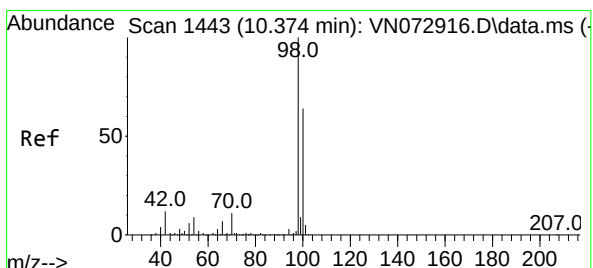
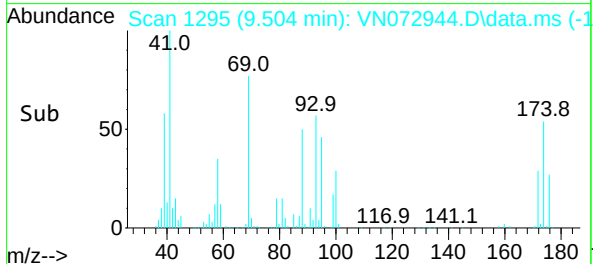
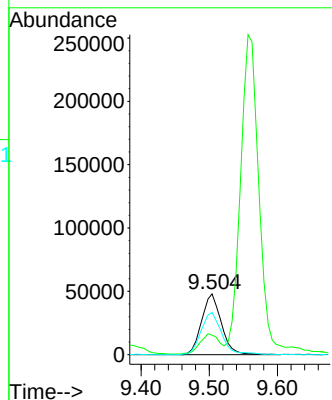
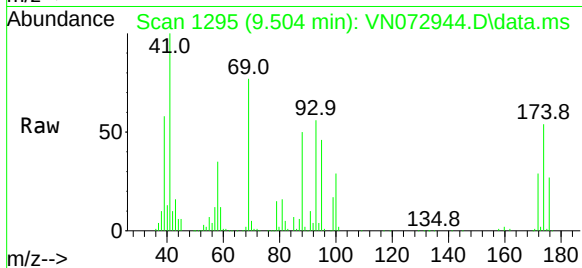
Tgt Ion: 88 Resp: 96354

Ion Ratio Lower Upper

88 100

43 32.7 20.2 30.4#

58 73.4 54.2 81.4



#50

Toluene-d8

Concen: 53.249 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072944.D

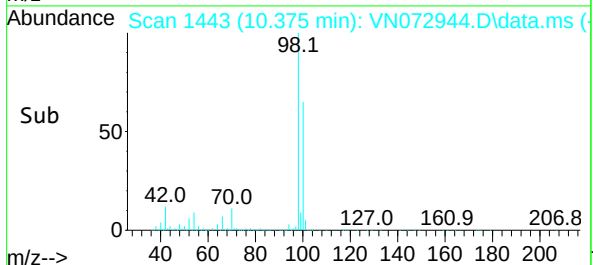
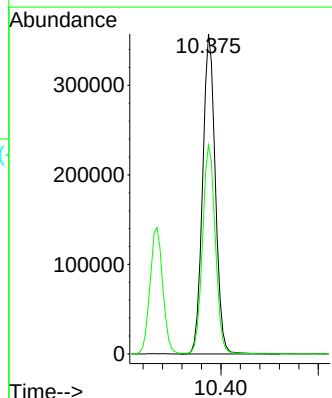
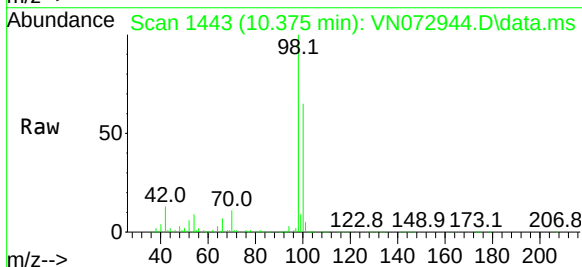
Acq: 18 Jun 2022 16:58

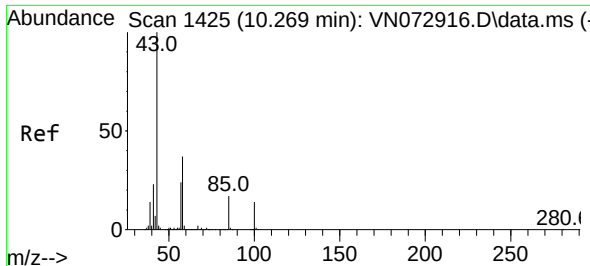
Tgt Ion: 98 Resp: 643702

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

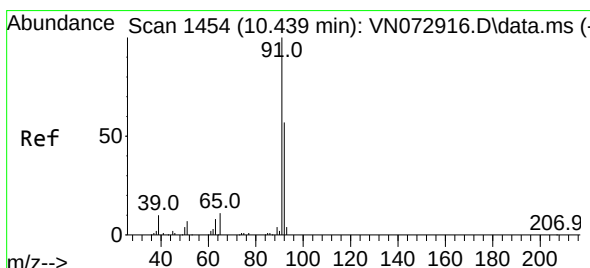
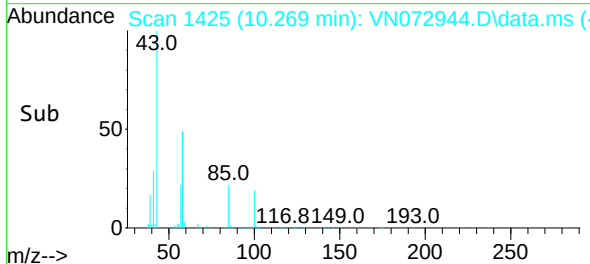
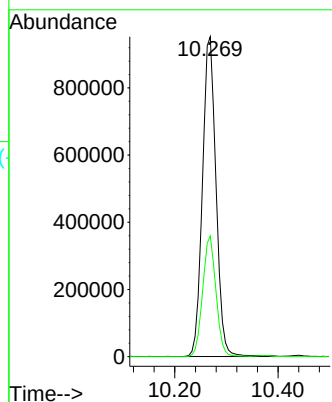
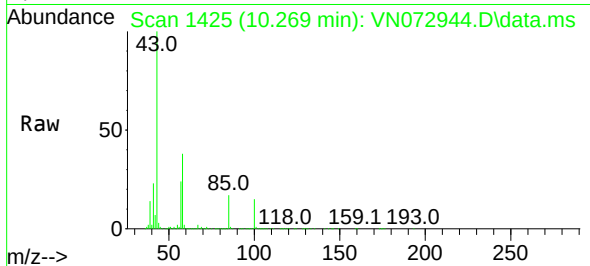




#51
4-Methyl-2-Pentanone
Concen: 264.310 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

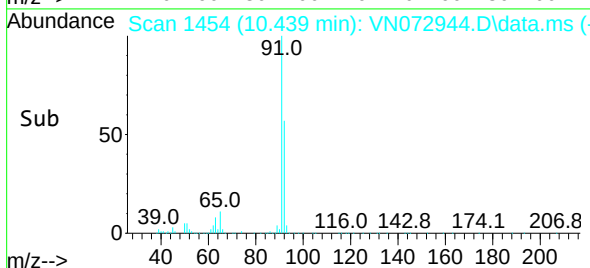
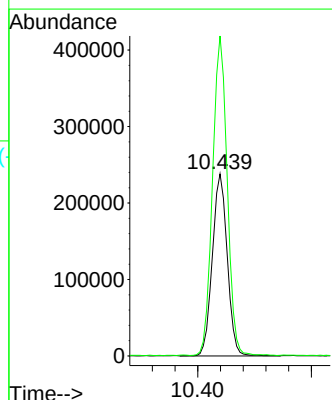
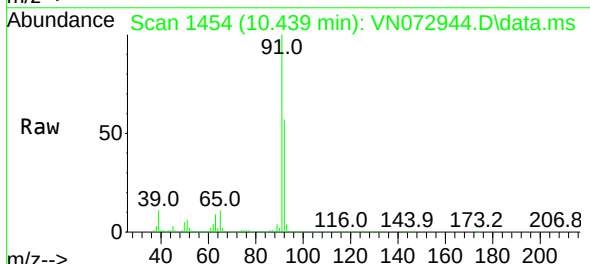
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

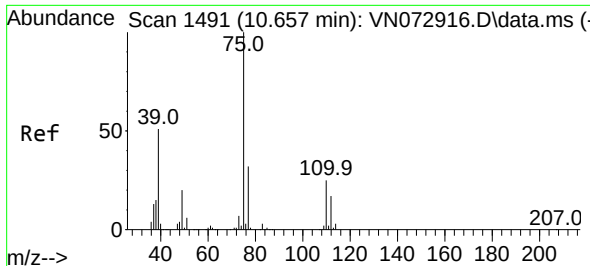
Tgt Ion: 43 Resp: 1732334
Ion Ratio Lower Upper
43 100
58 37.1 34.1 51.1



#52
Toluene
Concen: 50.921 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 92 Resp: 431896
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8

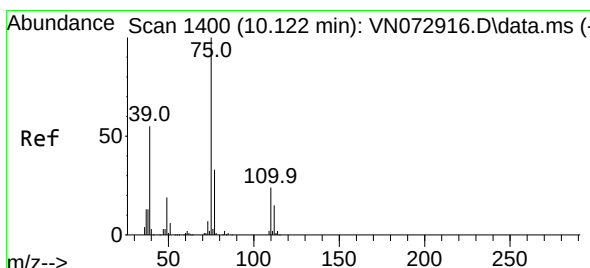
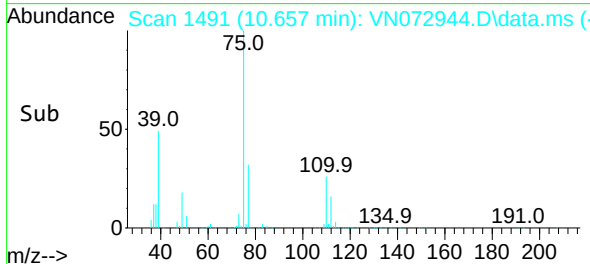
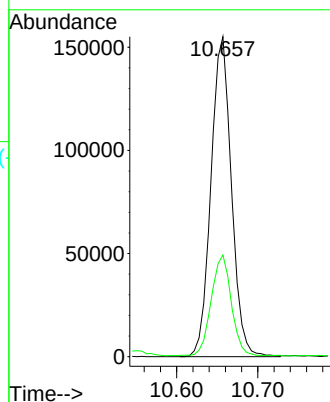
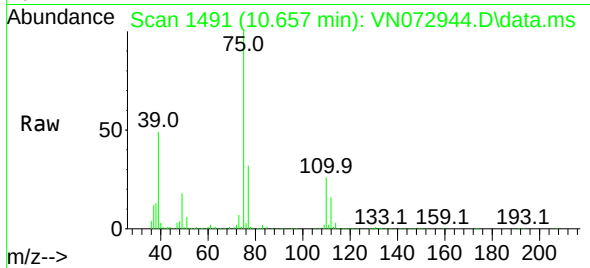




#53
t-1,3-Dichloropropene
Concen: 53.232 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

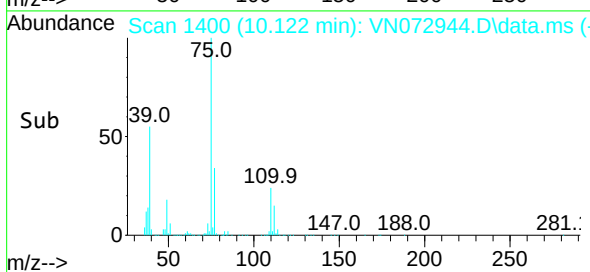
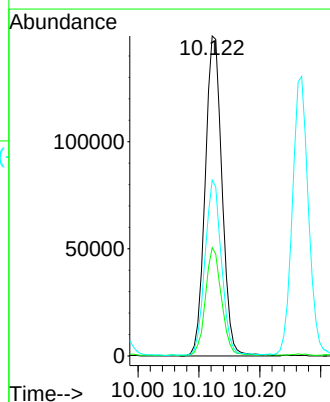
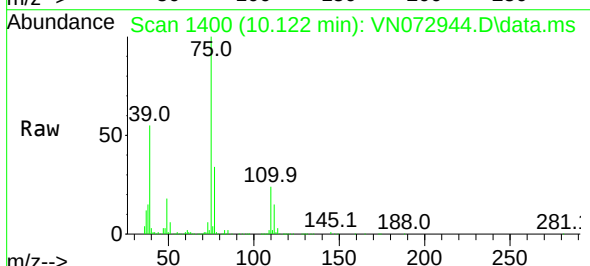
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

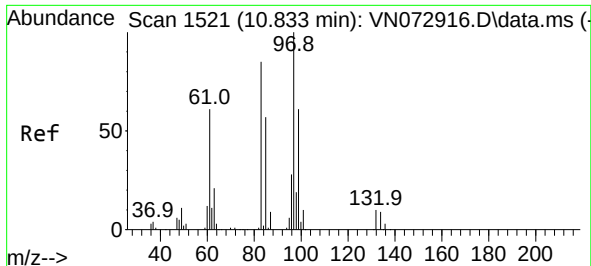
Tgt Ion: 75 Resp: 271664
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.541 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 75 Resp: 287311
Ion Ratio Lower Upper
75 100
77 33.7 25.2 37.8
39 54.7 35.7 53.5#

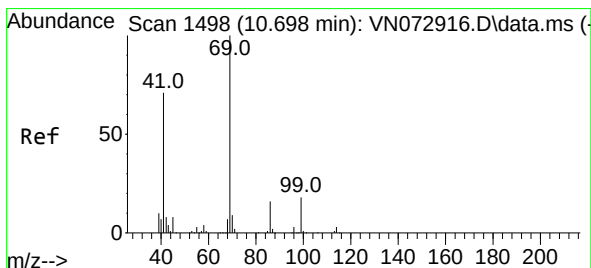
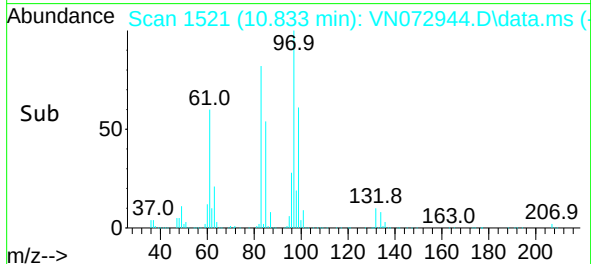
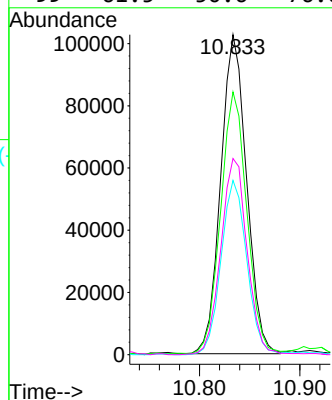
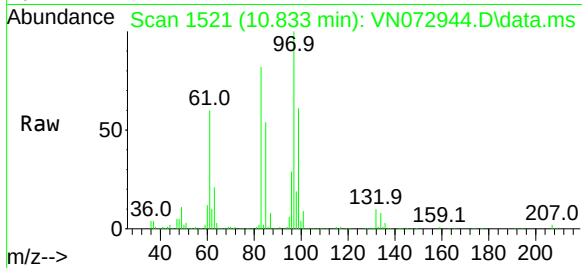




#55
1,1,2-Trichloroethane
Concen: 49.110 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

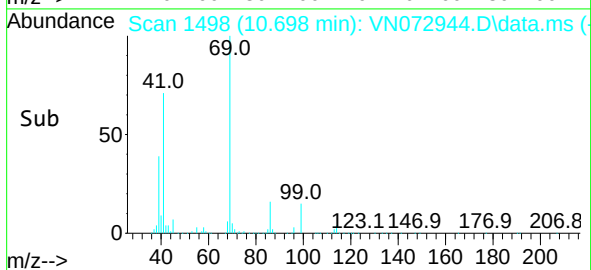
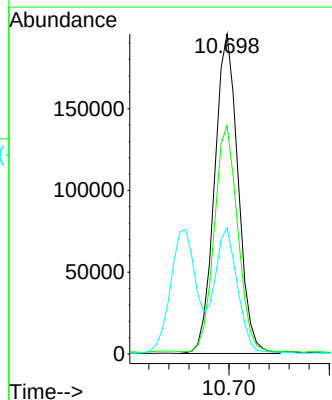
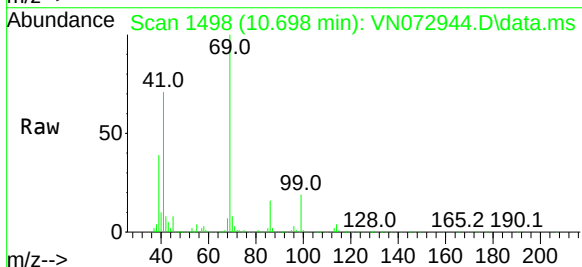
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

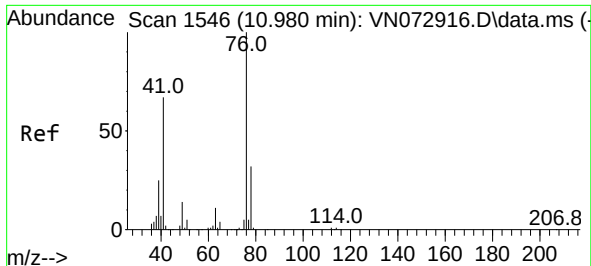
Tgt Ion: 97 Resp: 182893
Ion Ratio Lower Upper
97 100
83 81.9 66.2 99.4
85 54.6 43.9 65.9
99 61.5 50.6 76.0



#56
Ethyl methacrylate
Concen: 53.444 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 69 Resp: 319019
Ion Ratio Lower Upper
69 100
41 71.3 47.8 71.6
39 38.3 27.3 40.9





#57

1,3-Dichloropropane

Concen: 50.385 ug/l

RT: 10.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

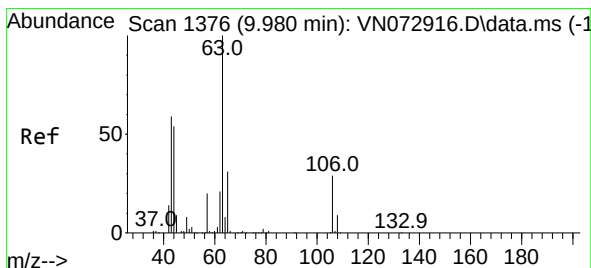
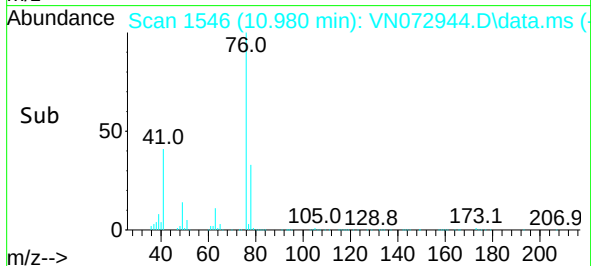
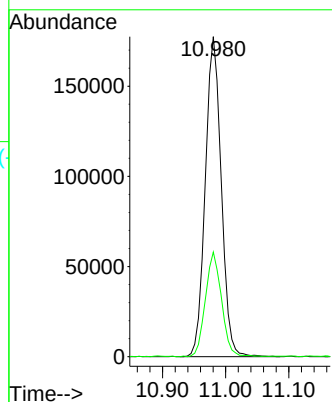
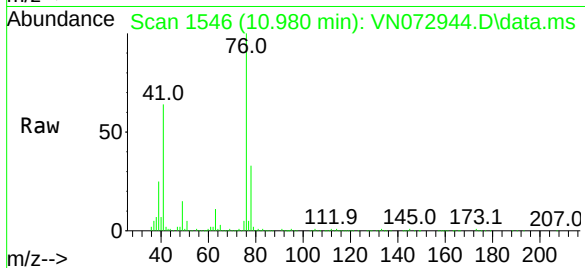
VSTDCCC050EC

Tgt Ion: 76 Resp: 311303

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 276.257 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VN072944.D

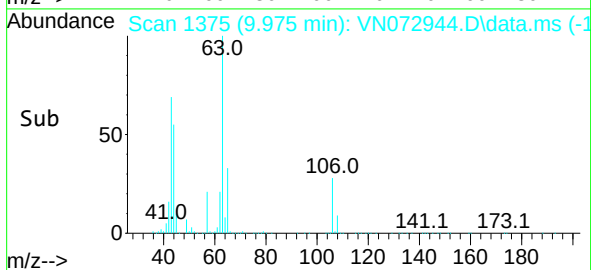
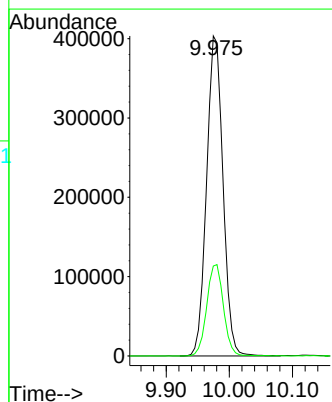
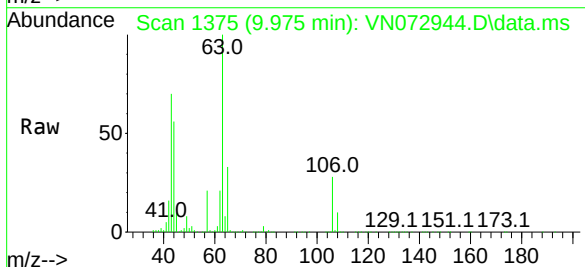
Acq: 18 Jun 2022 16:58

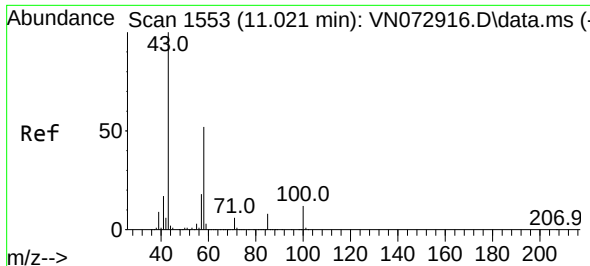
Tgt Ion: 63 Resp: 728037

Ion Ratio Lower Upper

63 100

106 29.1 24.6 36.8

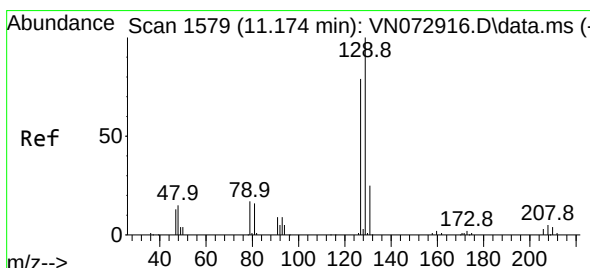
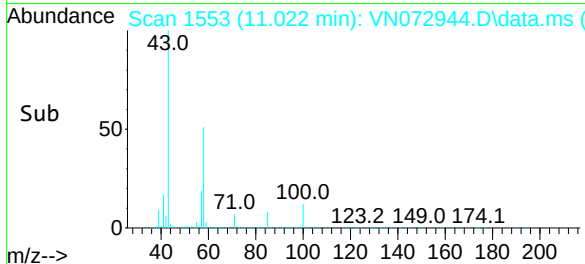
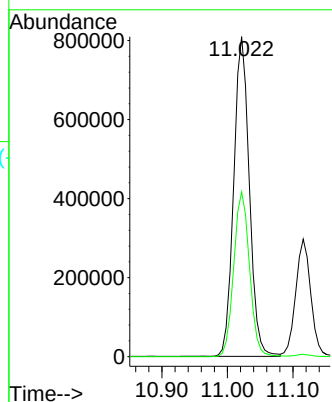
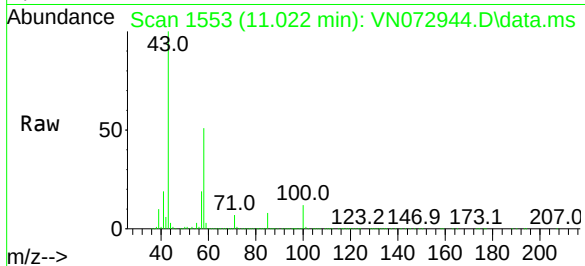




#59
2-Hexanone
Concen: 264.248 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

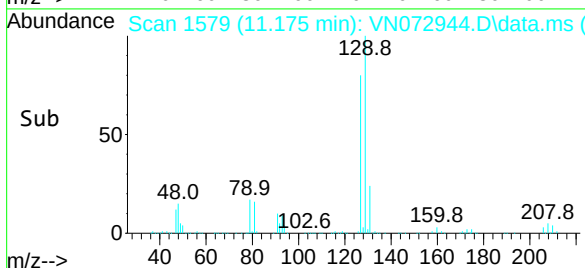
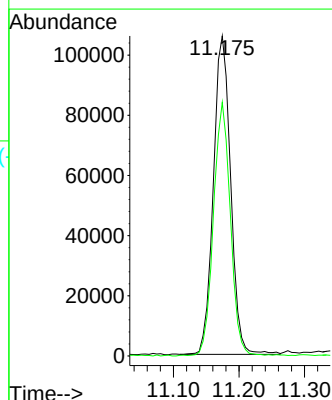
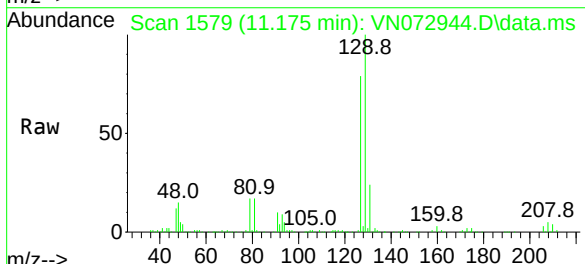
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

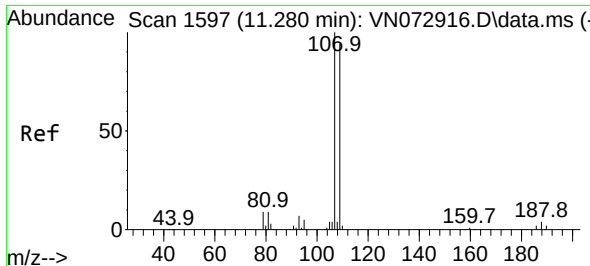
Tgt Ion: 43 Resp: 1339546
Ion Ratio Lower Upper
43 100
58 52.2 29.7 89.1



#60
Dibromochloromethane
Concen: 54.919 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 129 Resp: 193296
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4

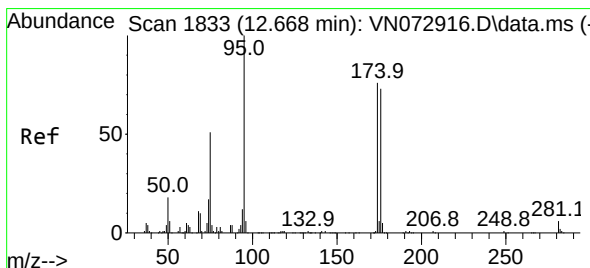
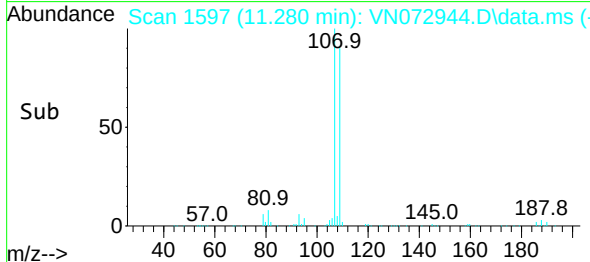
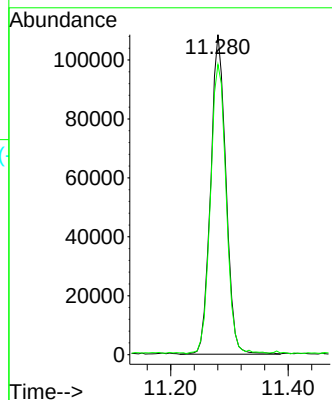
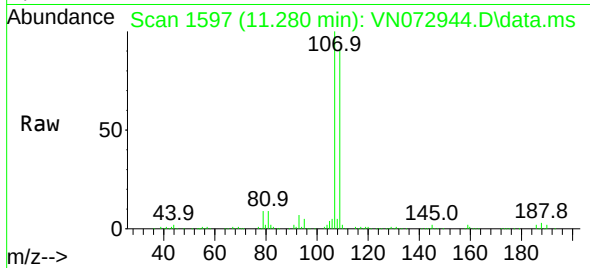




#61
1,2-Dibromoethane
Concen: 53.467 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

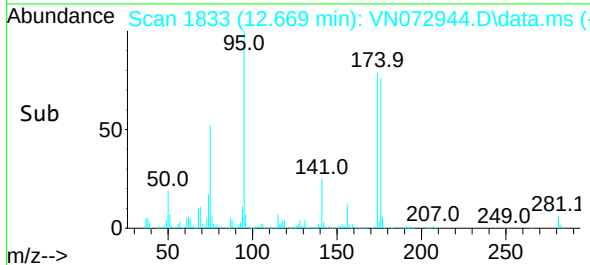
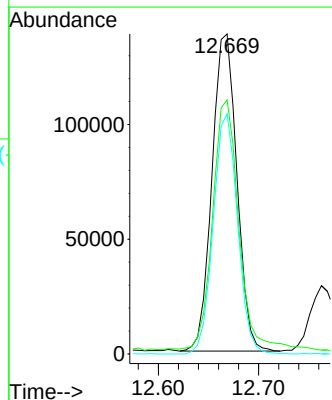
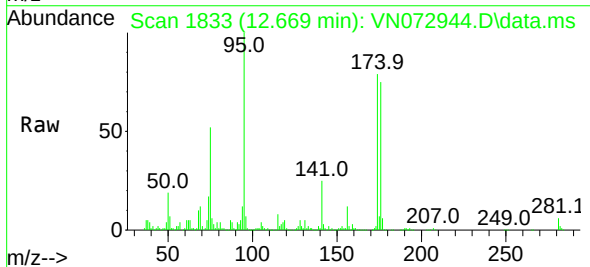
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

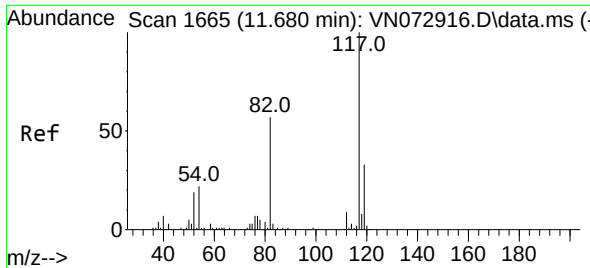
Tgt Ion:107 Resp: 196298
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 54.812 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 95 Resp: 238260
Ion Ratio Lower Upper
95 100
174 87.7 0.0 167.6
176 74.1 0.0 163.4

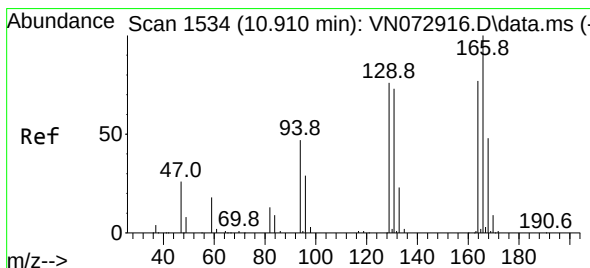
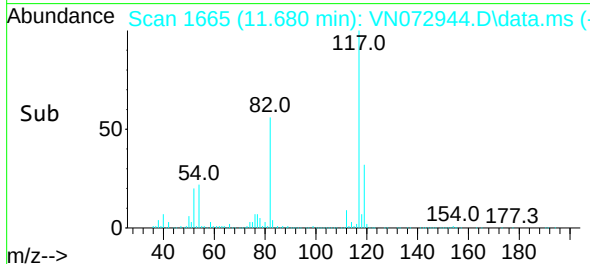
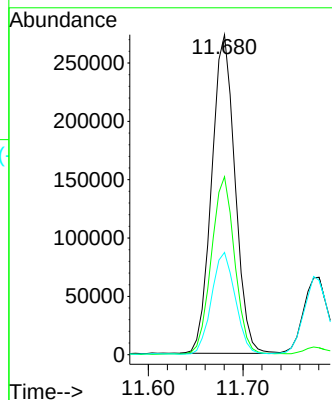
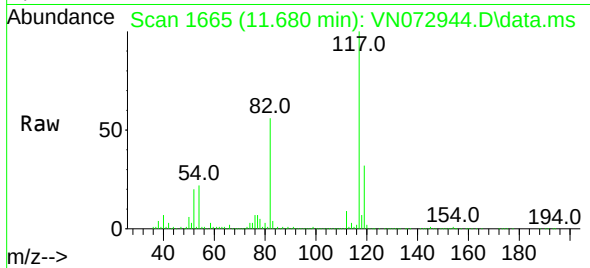




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

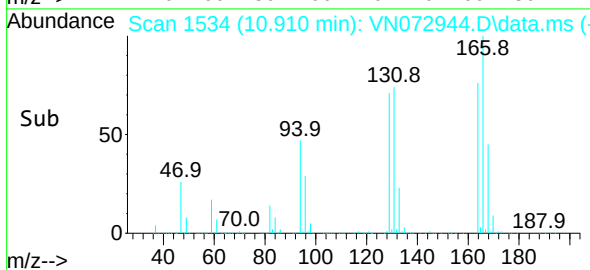
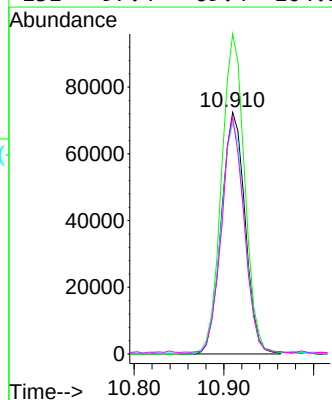
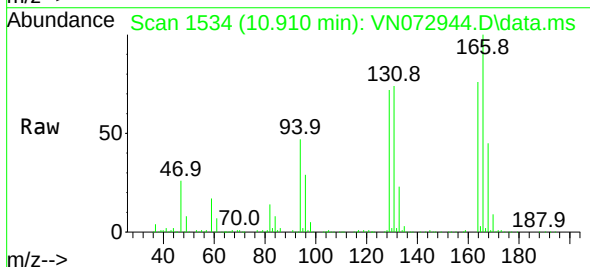
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

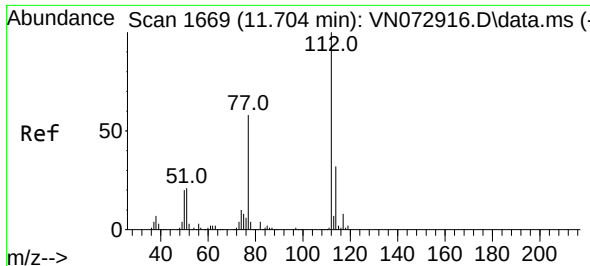
Tgt Ion:117 Resp: 467157
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 46.627 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion:164 Resp: 132510
Ion Ratio Lower Upper
164 100
166 132.4 104.2 156.2
129 95.1 73.9 110.9
131 97.4 69.4 104.2

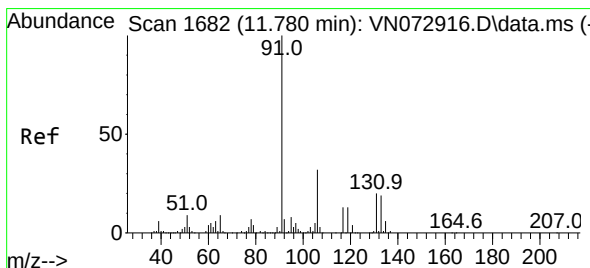
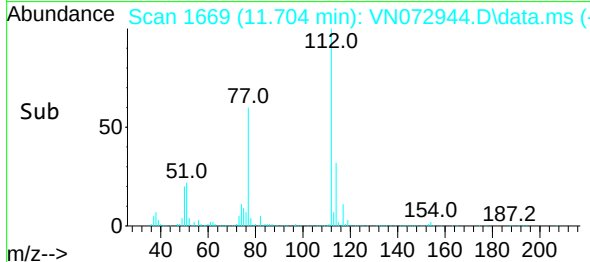
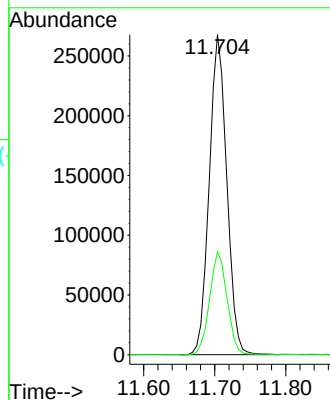
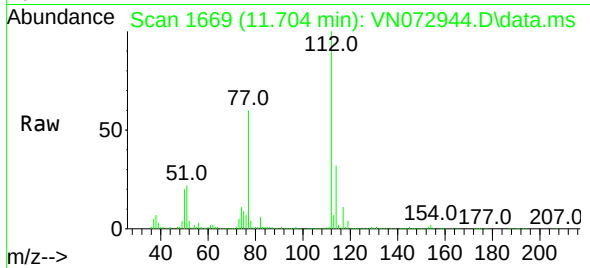




#65
Chlorobenzene
Concen: 50.321 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

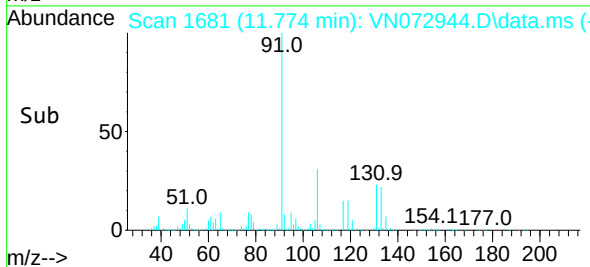
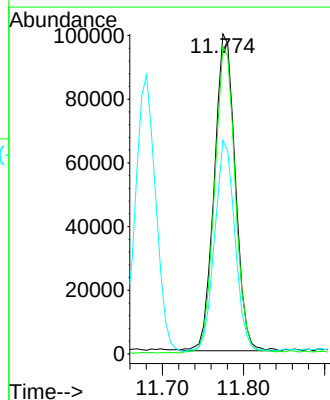
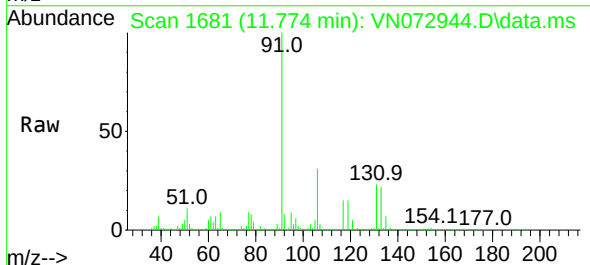
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

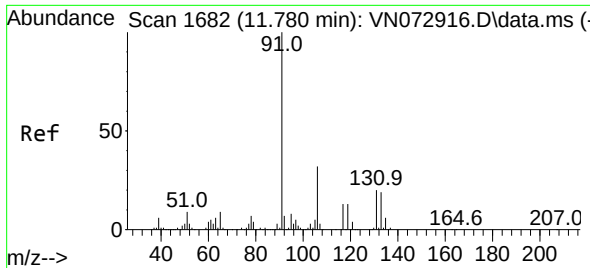
Tgt Ion:112 Resp: 459092
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.536 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion:131 Resp: 178956
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 64.7 33.4 100.2

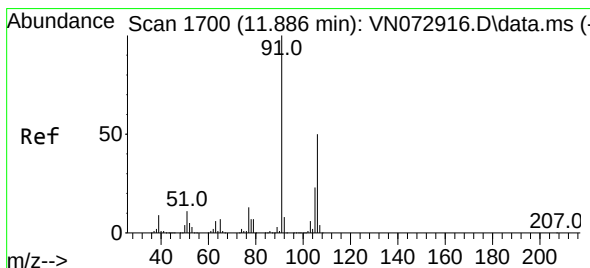
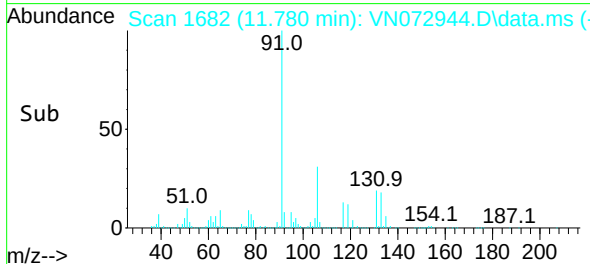
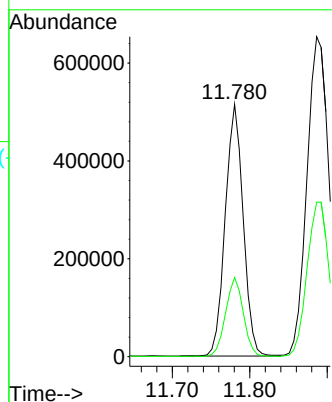
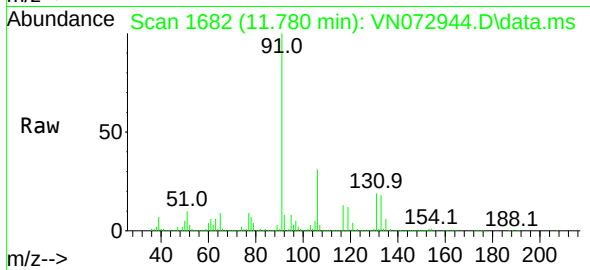




#67
Ethyl Benzene
Concen: 51.605 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

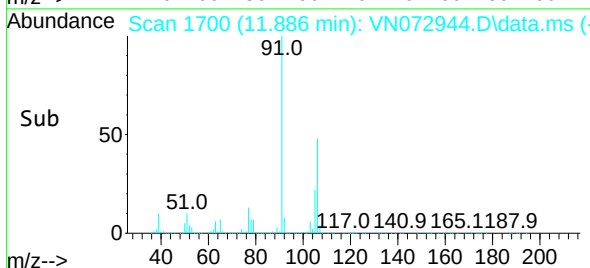
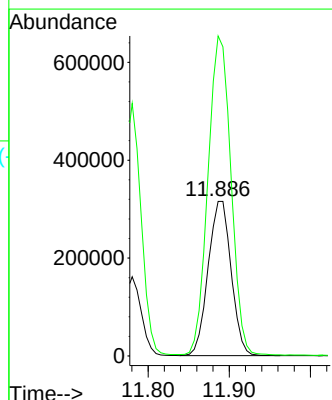
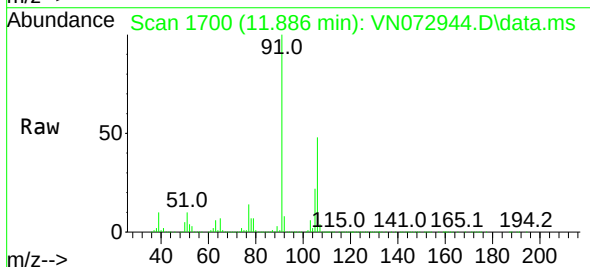
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

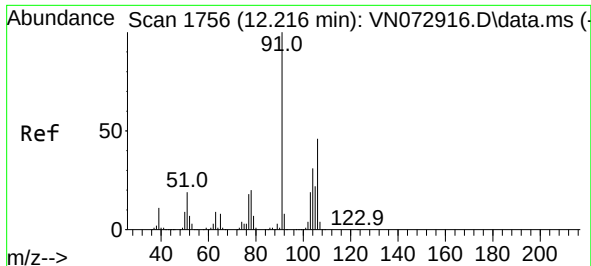
Tgt Ion: 91 Resp: 828790
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 98.606 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 106 Resp: 621129
Ion Ratio Lower Upper
106 100
91 206.7 158.9 238.3

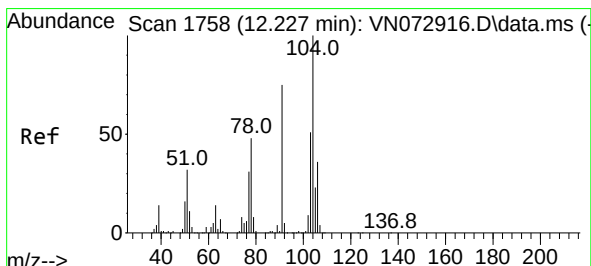
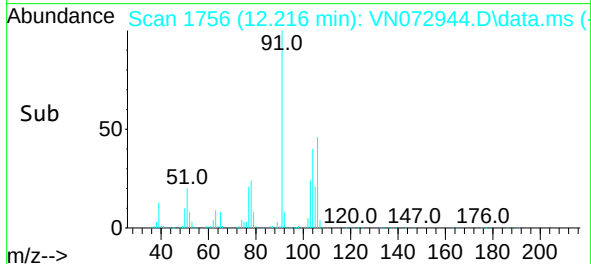
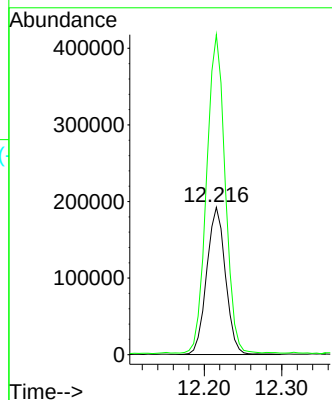
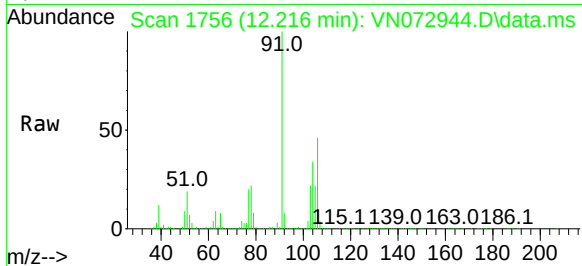




#69
o-Xylene
Concen: 51.234 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

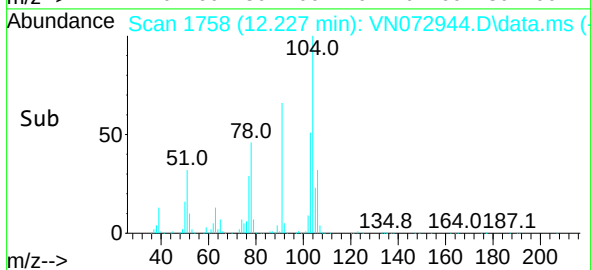
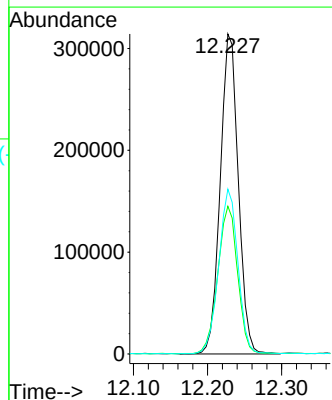
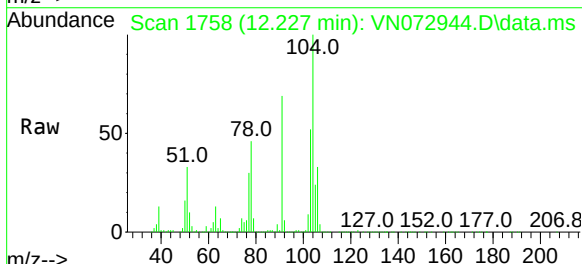
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

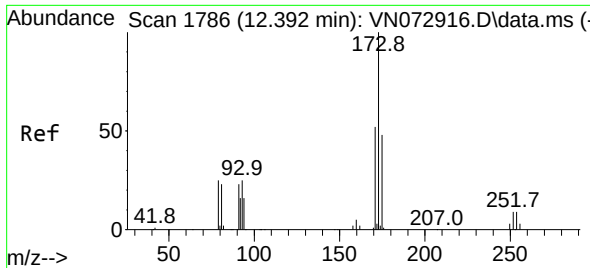
Tgt Ion:106 Resp: 322487
Ion Ratio Lower Upper
106 100
91 213.5 106.0 318.0



#70
Styrene
Concen: 52.665 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion:104 Resp: 532345
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 54.5 44.0 66.0

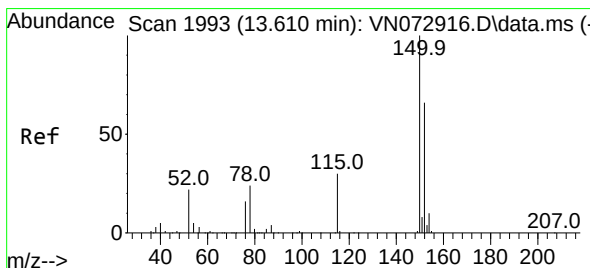
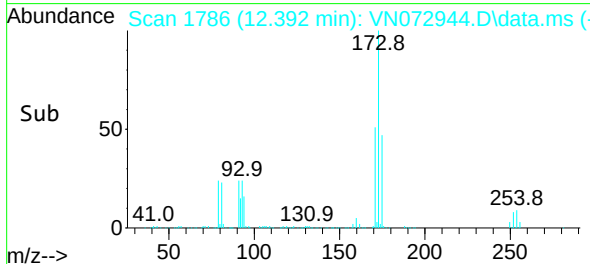
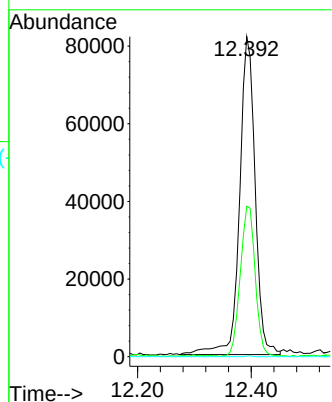
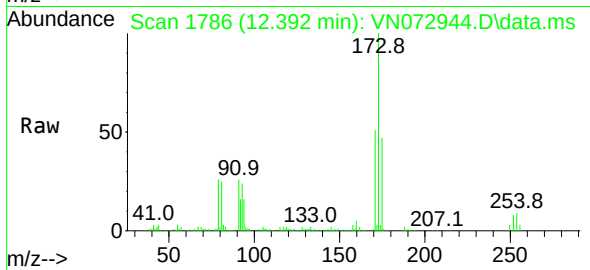




#71
Bromoform
Concen: 59.567 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

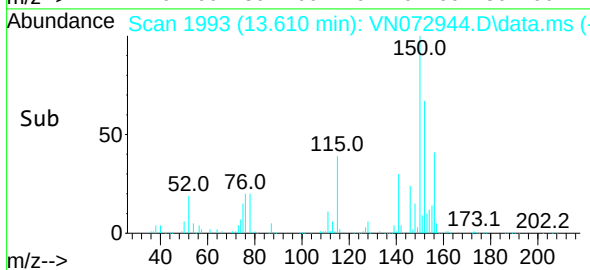
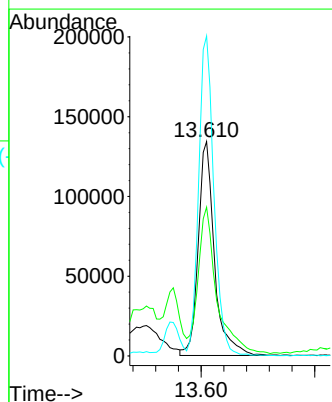
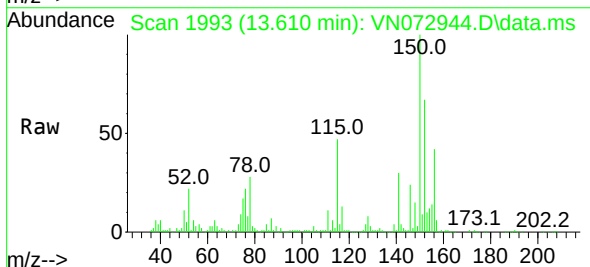
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

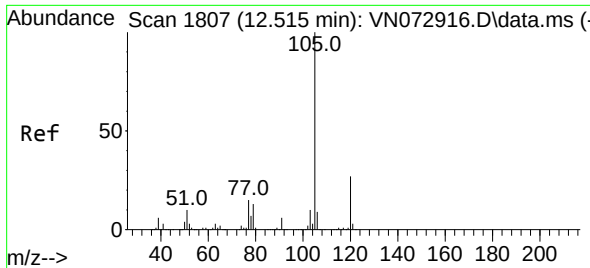
Tgt Ion:173 Resp: 155960
Ion Ratio Lower Upper
173 100
175 45.5 24.6 73.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion:152 Resp: 266158
Ion Ratio Lower Upper
152 100
115 78.0 28.9 86.7
150 139.8 0.0 356.2

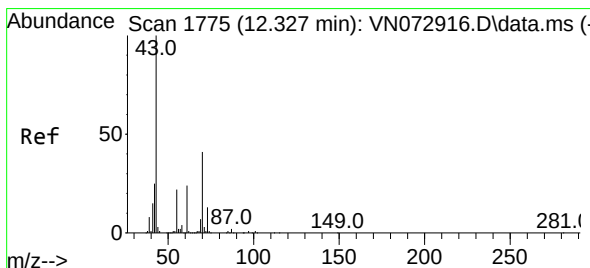
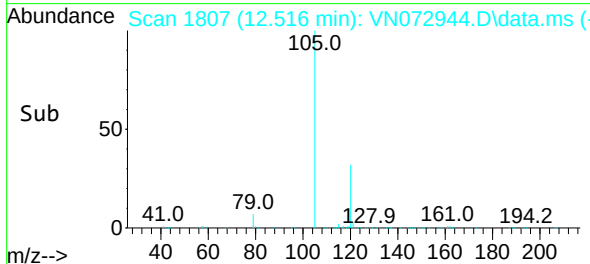
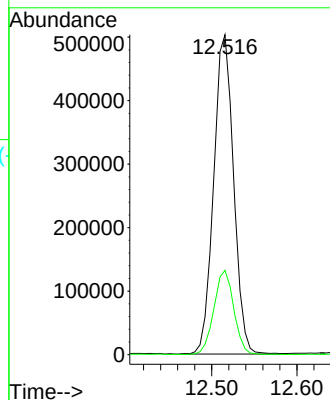
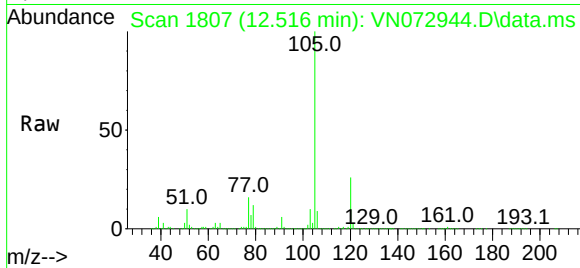




#73
Isopropylbenzene
Concen: 39.613 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

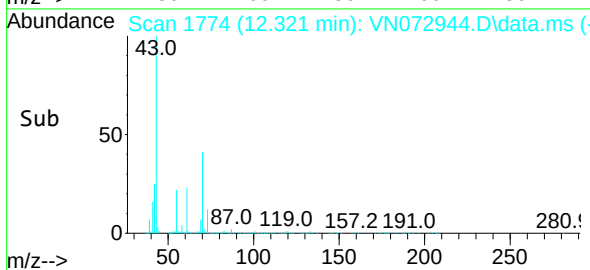
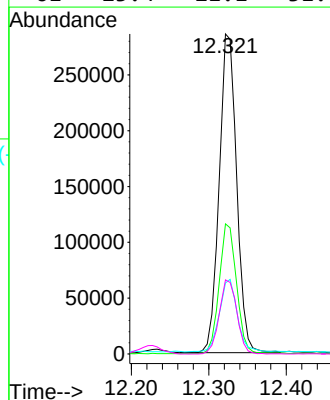
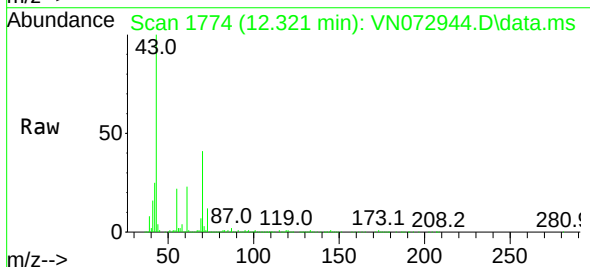
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

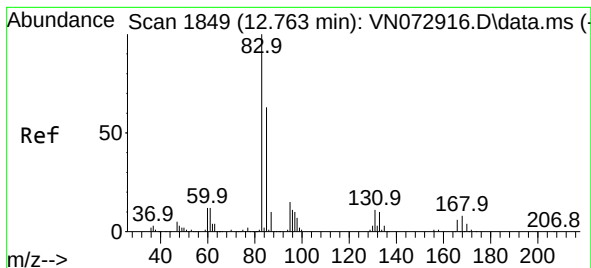
Tgt Ion:105 Resp: 815663
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4



#74
N-ethyl acetate
Concen: 41.962 ug/l
RT: 12.321 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 43 Resp: 448375
Ion Ratio Lower Upper
43 100
70 40.4 39.0 58.4
55 23.1 21.1 31.7
61 23.4 21.1 31.7

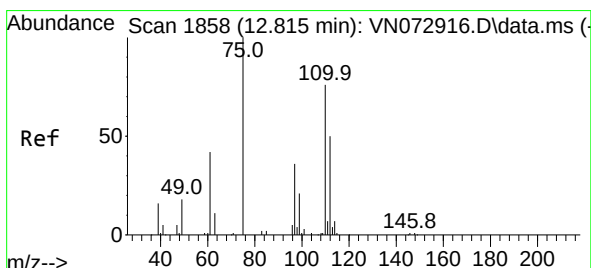
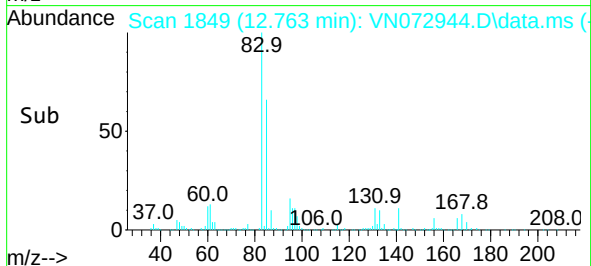
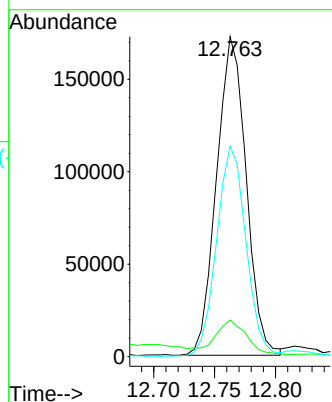
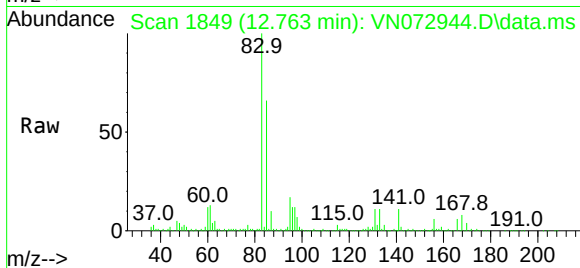




#75
 1,1,2,2-Tetrachloroethane
 Concen: 39.314 ug/l
 RT: 12.763 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VN072944.D
 Acq: 18 Jun 2022 16:58

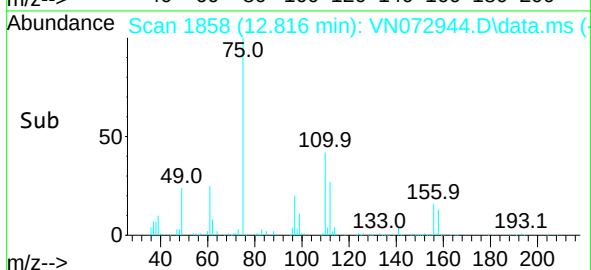
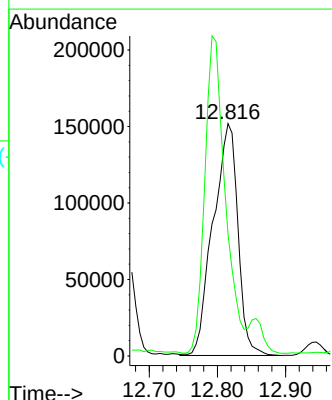
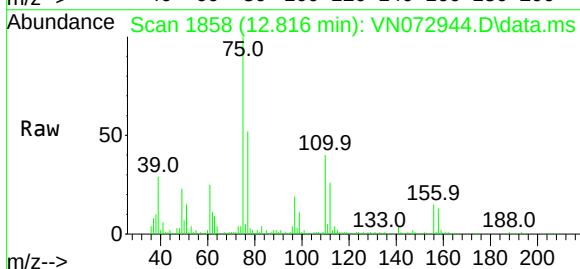
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

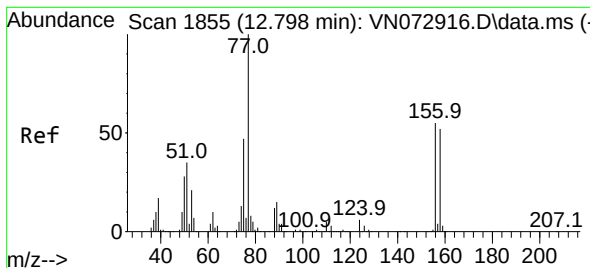
Tgt Ion: 83 Resp: 291531
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 15.9
 85 65.4 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 59.401 ug/l
 RT: 12.816 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VN072944.D
 Acq: 18 Jun 2022 16:58

Tgt Ion: 75 Resp: 383315
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 43.786 ug/l

RT: 12.792 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

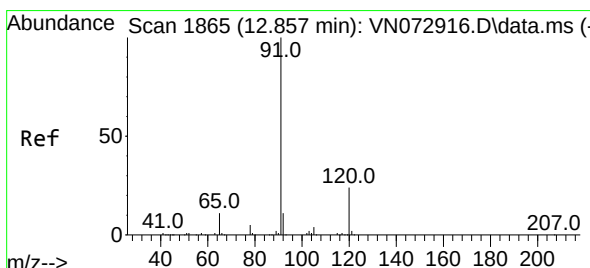
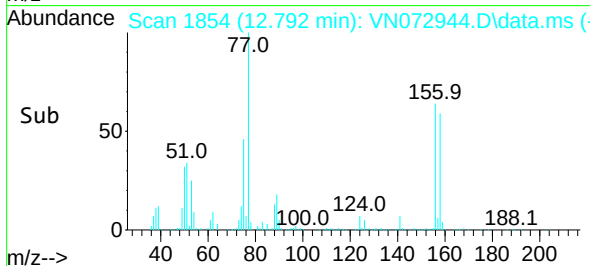
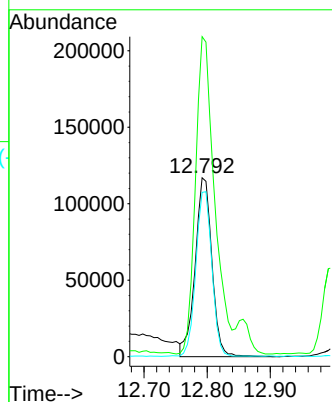
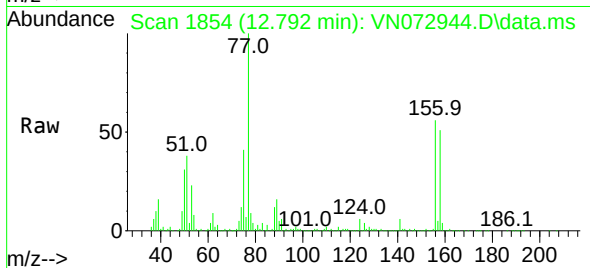
Tgt Ion:156 Resp: 215990

Ion Ratio Lower Upper

156 100

77 199.7 100.5 301.5

158 87.9 48.9 146.6



#78

n-propylbenzene

Concen: 40.706 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072944.D

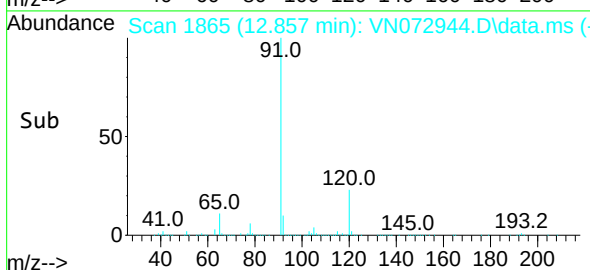
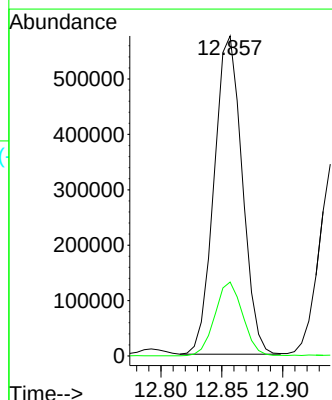
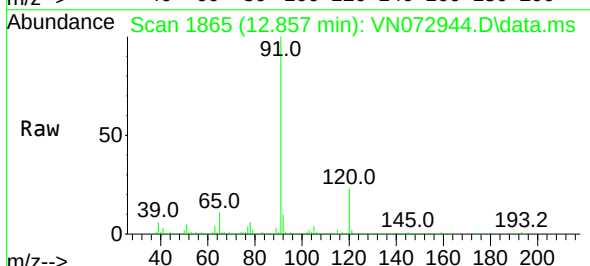
Acq: 18 Jun 2022 16:58

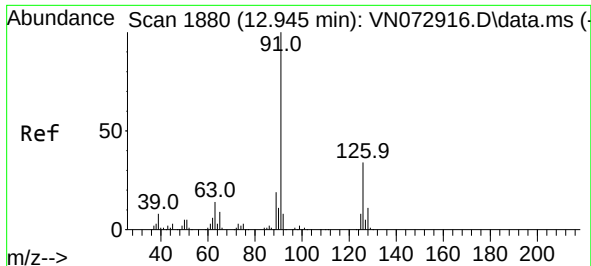
Tgt Ion: 91 Resp: 921925

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5

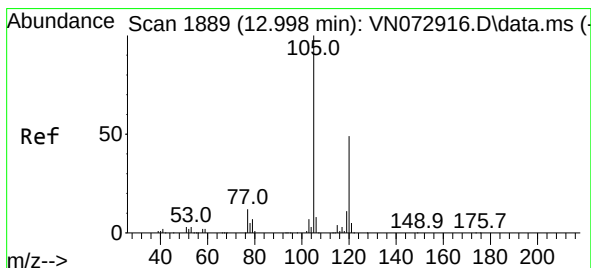
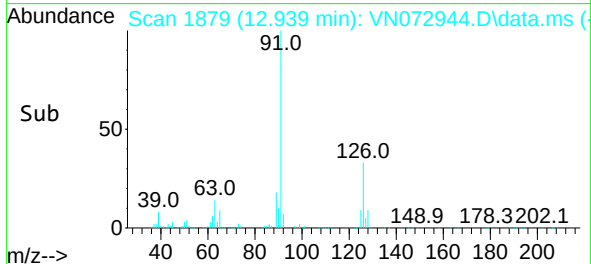
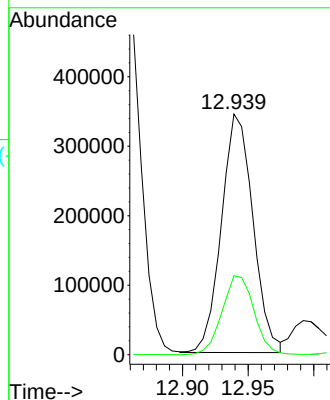
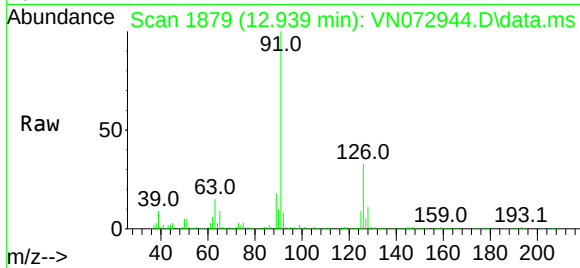




#79
2-Chlorotoluene
Concen: 39.239 ug/l
RT: 12.939 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

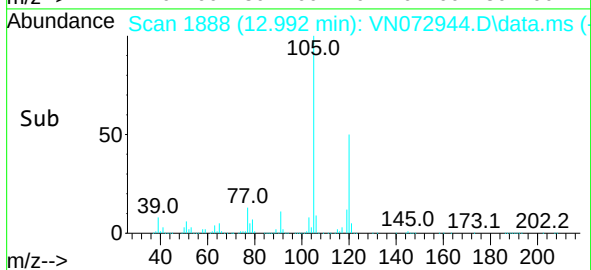
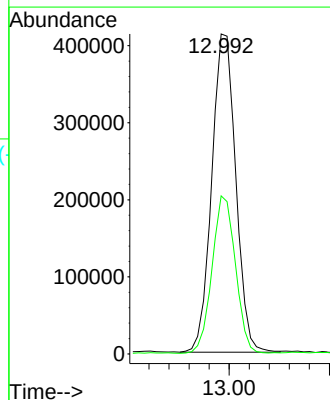
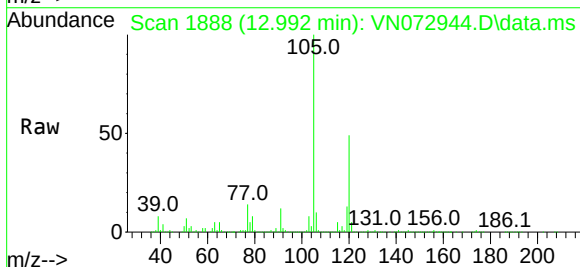
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

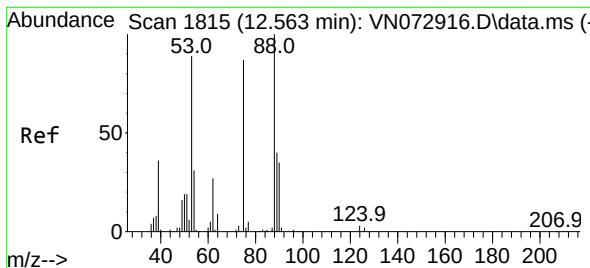
Tgt Ion: 91 Resp: 575485
Ion Ratio Lower Upper
91 100
126 33.5 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 40.689 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 105 Resp: 688194
Ion Ratio Lower Upper
105 100
120 48.0 24.9 74.7

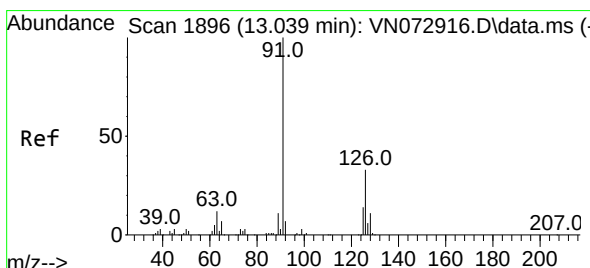
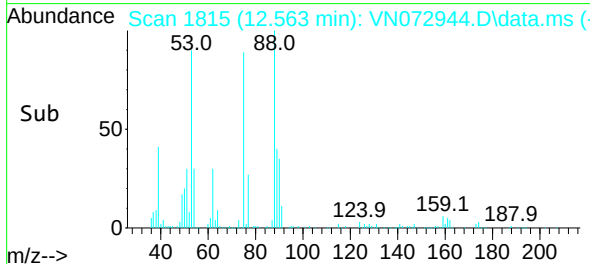
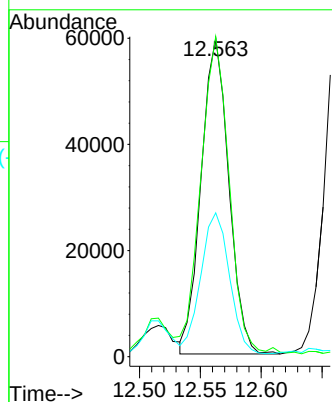
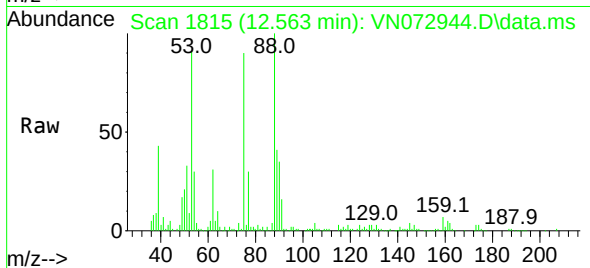




#81
trans-1,4-Dichloro-2-butene
Concen: 39.263 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

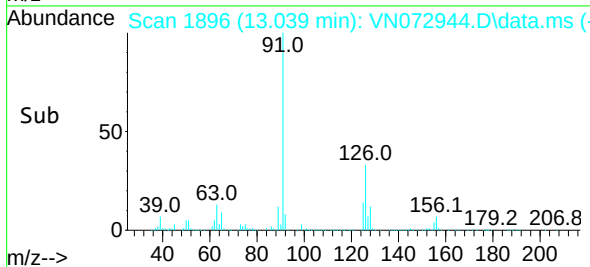
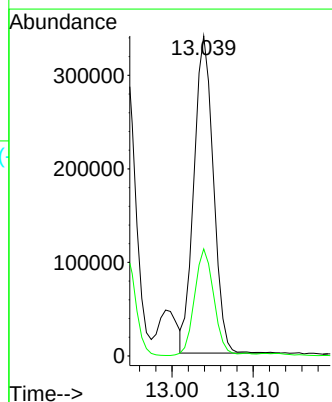
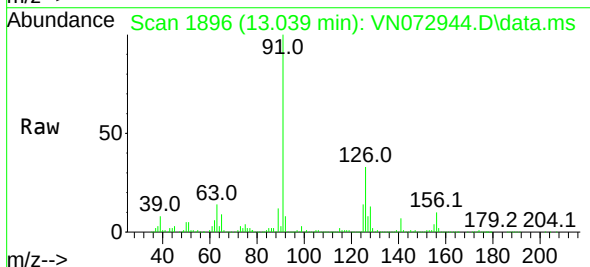
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

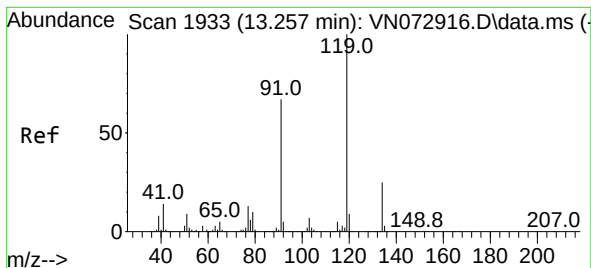
Tgt Ion: 75 Resp: 93817
Ion Ratio Lower Upper
75 100
53 101.5 78.0 117.0
89 46.7 37.2 55.8



#82
4-Chlorotoluene
Concen: 40.633 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 91 Resp: 563828
Ion Ratio Lower Upper
91 100
126 33.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 38.475 ug/l

RT: 13.257 min Scan# 1933

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

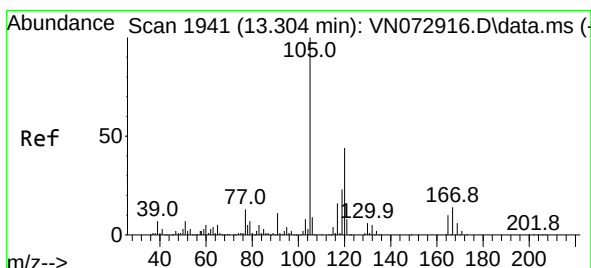
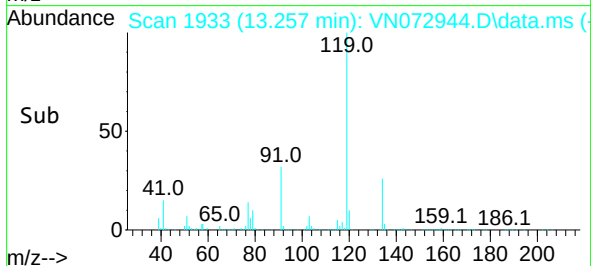
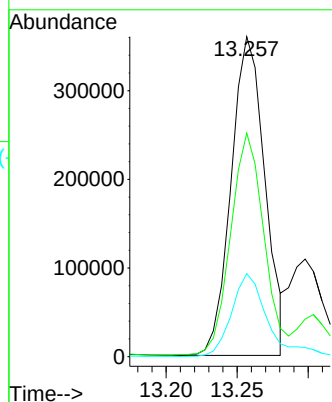
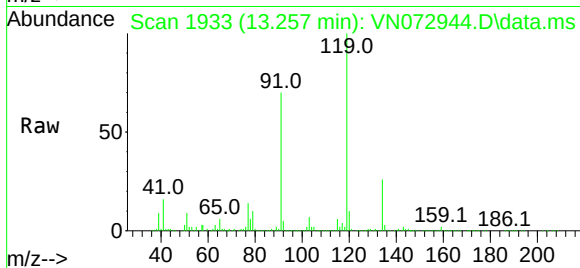
Tgt Ion:119 Resp: 595986

Ion Ratio Lower Upper

119 100

91 68.4 31.6 94.8

134 27.6 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 41.199 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN072944.D

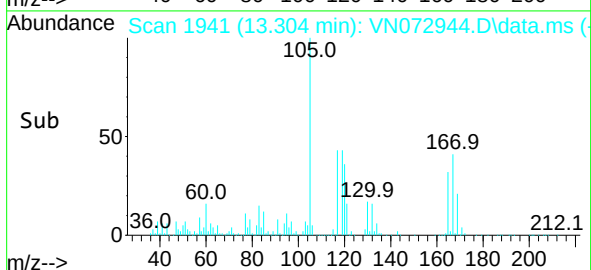
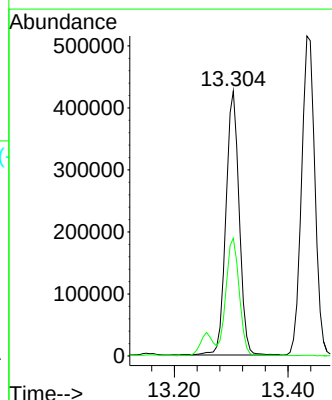
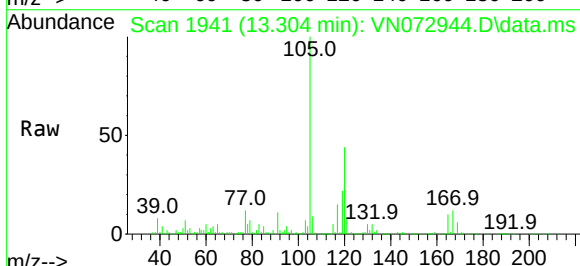
Acq: 18 Jun 2022 16:58

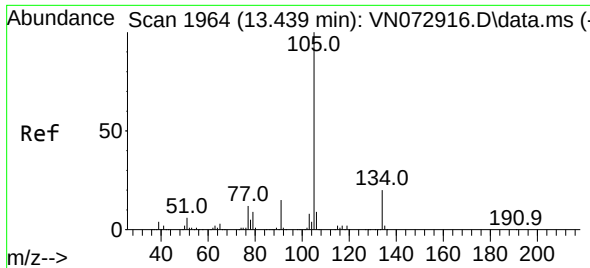
Tgt Ion:105 Resp: 694040

Ion Ratio Lower Upper

105 100

120 44.2 23.3 69.8

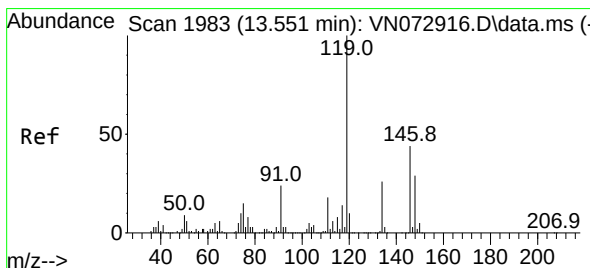
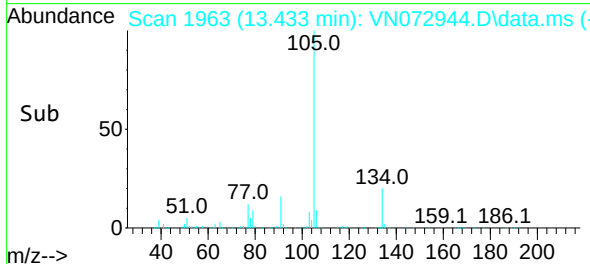
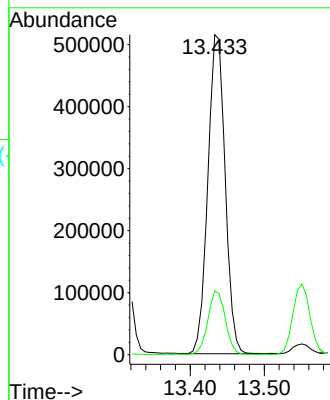
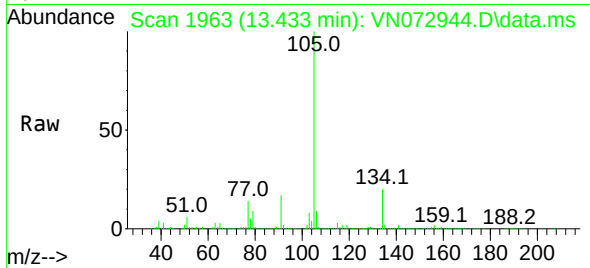




#85
 sec-Butylbenzene
 Concen: 40.473 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN072944.D
 Acq: 18 Jun 2022 16:58

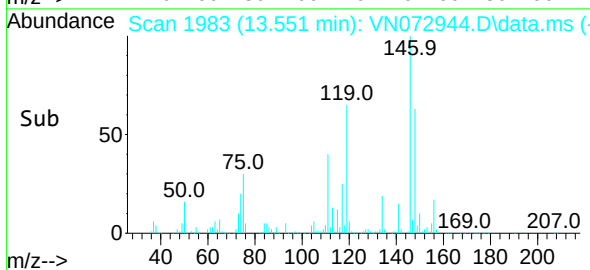
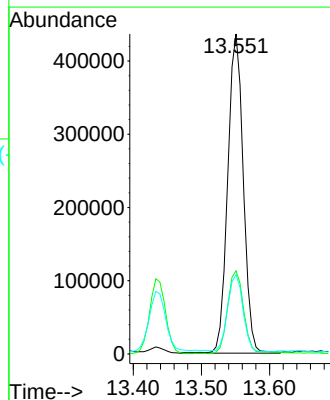
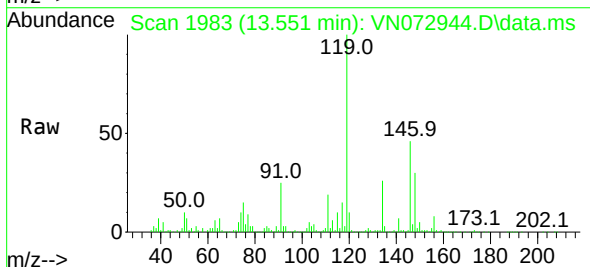
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

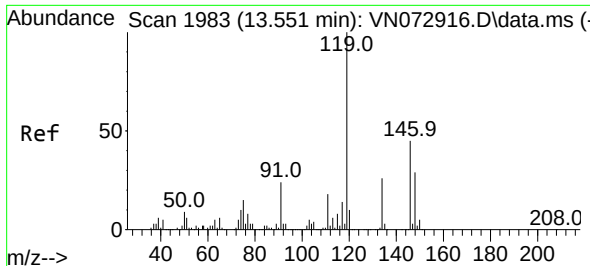
Tgt Ion:105 Resp: 836318
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 41.402 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072944.D
 Acq: 18 Jun 2022 16:58

Tgt Ion:119 Resp: 692636
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 24.2 11.3 33.9

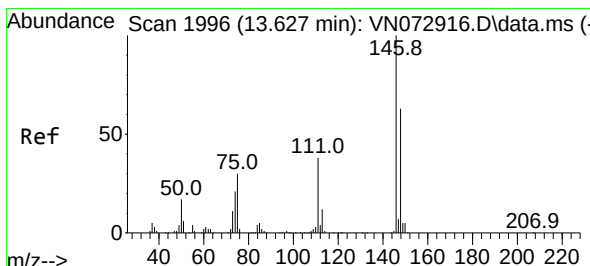
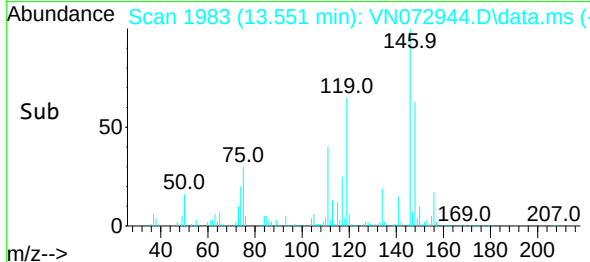
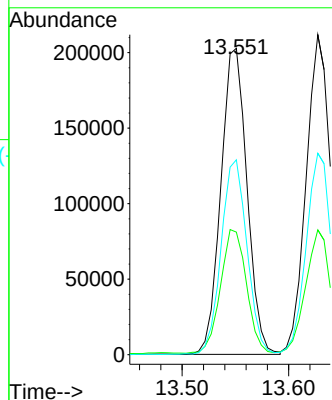
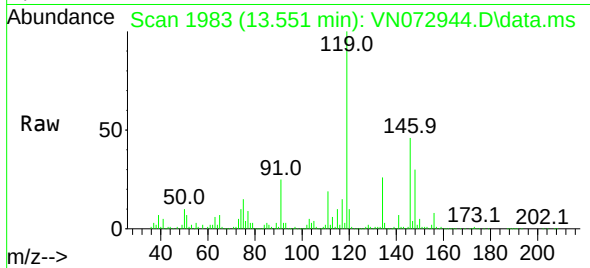




#87
1,3-Dichlorobenzene
Concen: 39.209 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

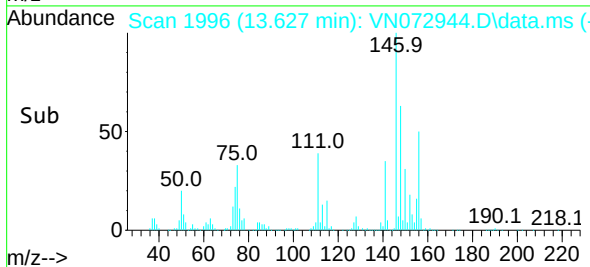
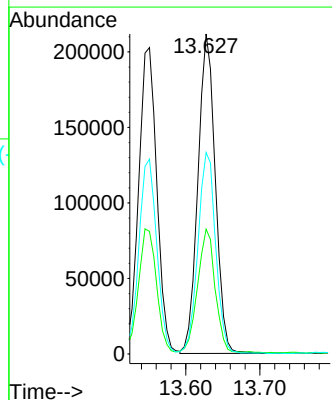
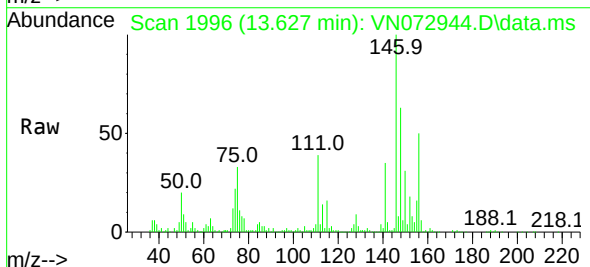
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

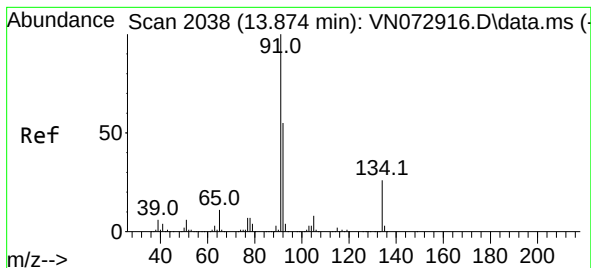
Tgt Ion:146 Resp: 345299
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 63.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 38.695 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion:146 Resp: 344912
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 64.3 31.4 94.3





#89

n-Butylbenzene

Concen: 42.213 ug/l

RT: 13.874 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

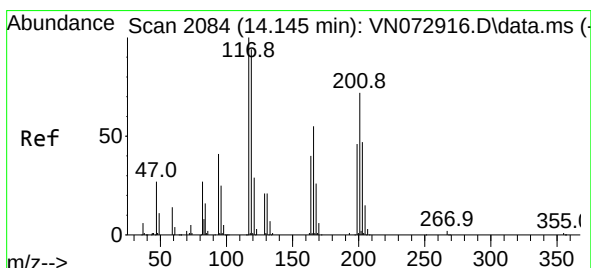
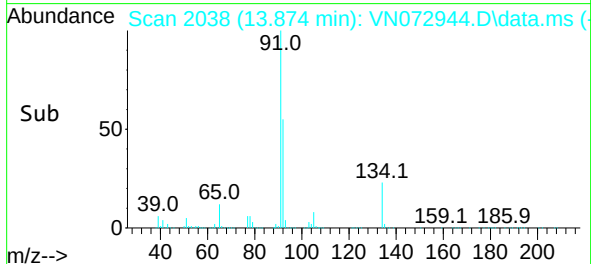
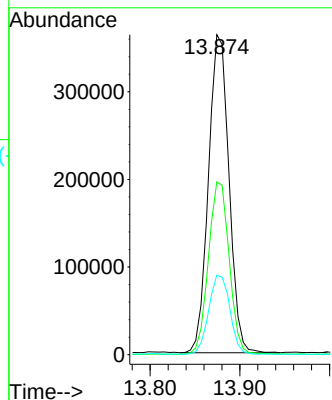
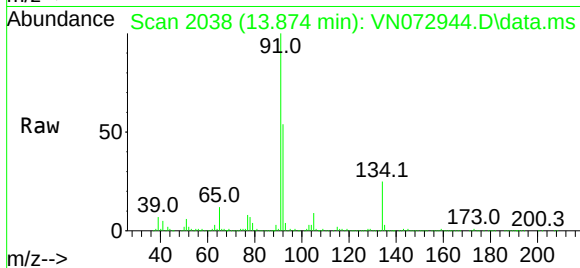
Tgt Ion: 91 Resp: 576654

Ion Ratio Lower Upper

91 100

92 55.0 26.9 80.7

134 25.5 13.6 40.8



#90

Hexachloroethane

Concen: 41.231 ug/l

RT: 14.145 min Scan# 2084

Delta R.T. 0.000 min

Lab File: VN072944.D

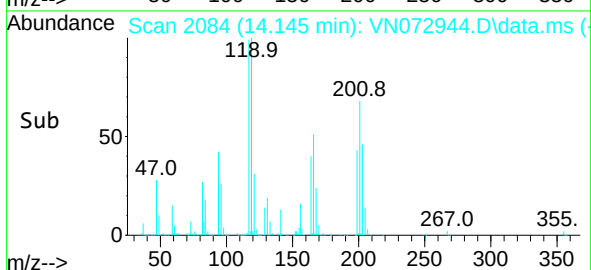
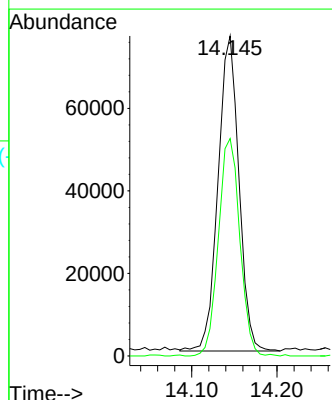
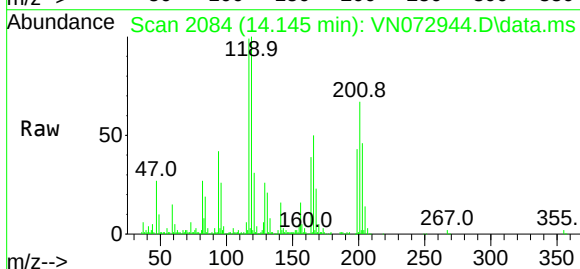
Acq: 18 Jun 2022 16:58

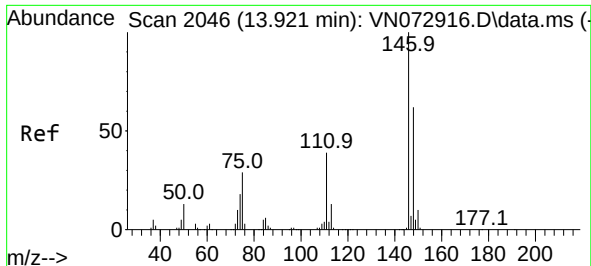
Tgt Ion: 117 Resp: 130041

Ion Ratio Lower Upper

117 100

201 70.8 40.6 122.0

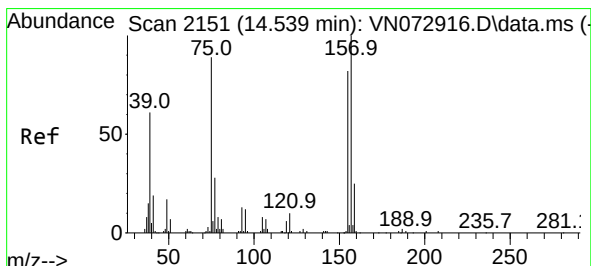
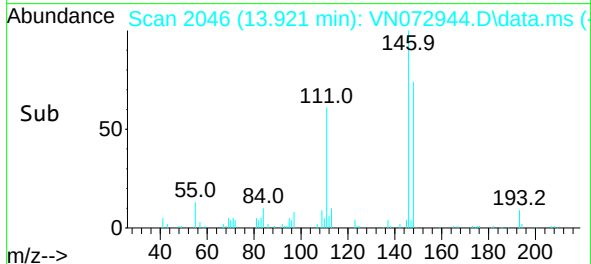
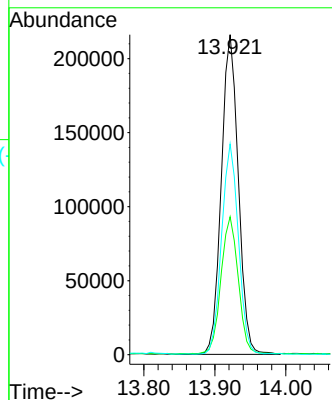
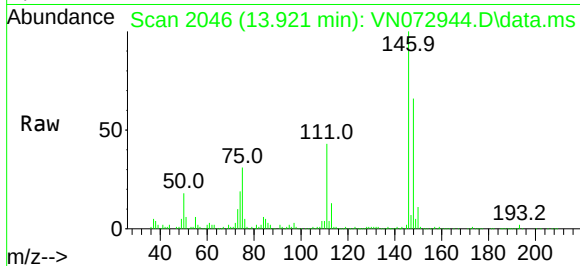




#91
1,2-Dichlorobenzene
Concen: 39.067 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

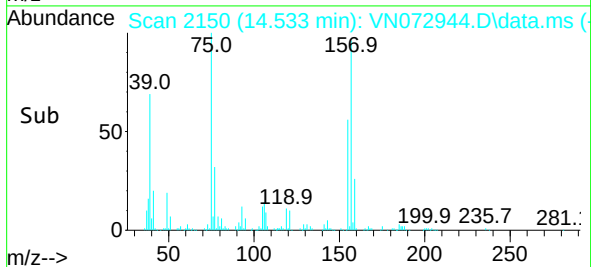
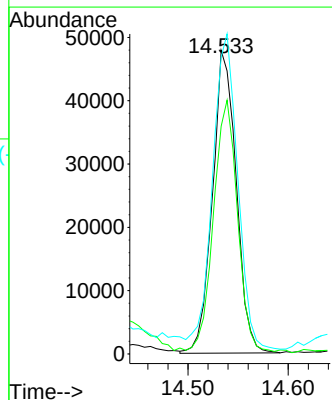
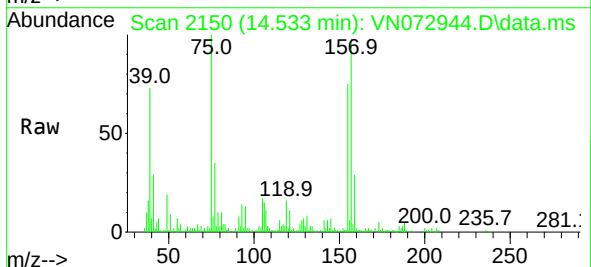
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

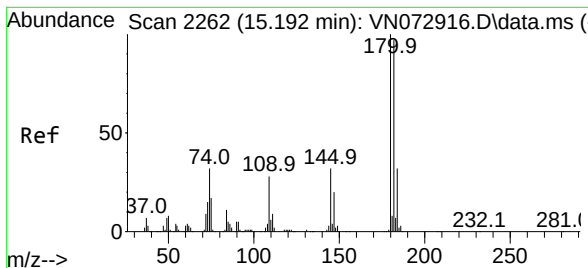
Tgt Ion:146 Resp: 358802
Ion Ratio Lower Upper
146 100
111 43.4 20.9 62.8
148 65.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.146 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN072944.D
Acq: 18 Jun 2022 16:58

Tgt Ion: 75 Resp: 78839
Ion Ratio Lower Upper
75 100
155 82.8 44.9 134.5
157 111.0 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 40.747 ug/l

RT: 15.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

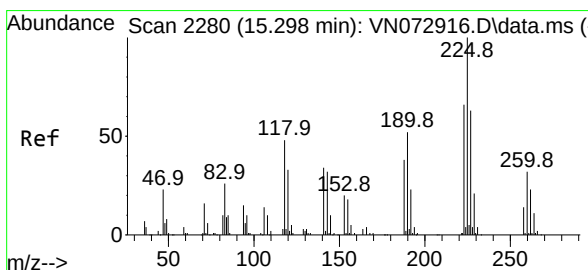
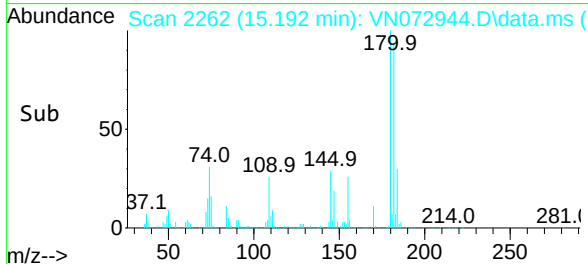
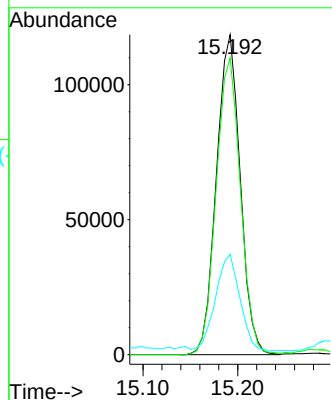
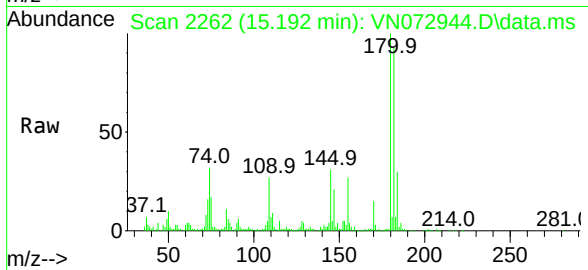
Tgt Ion:180 Resp: 207107

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 37.534 ug/l

RT: 15.292 min Scan# 2279

Delta R.T. -0.006 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

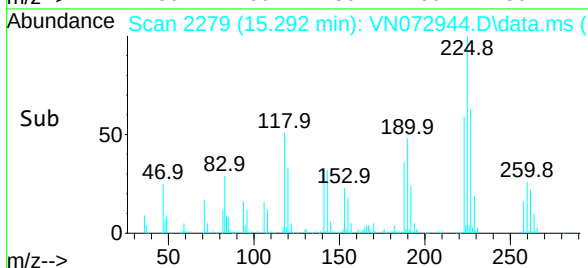
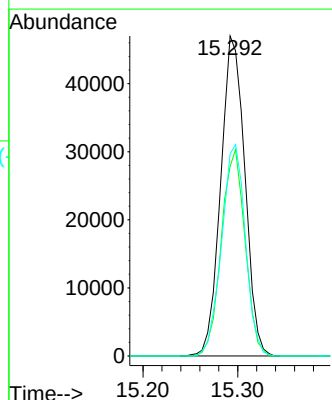
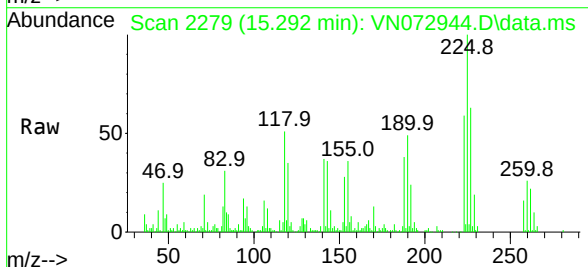
Tgt Ion:225 Resp: 83019

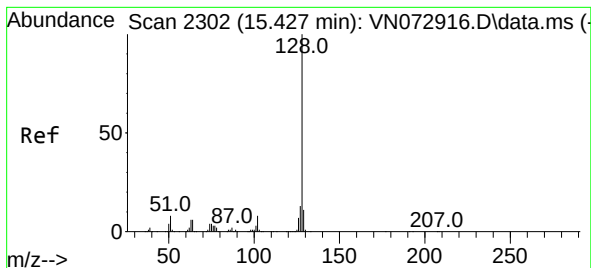
Ion Ratio Lower Upper

225 100

223 63.4 32.4 97.2

227 65.2 31.8 95.4





#95

Naphthalene

Concen: 41.506 ug/l

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

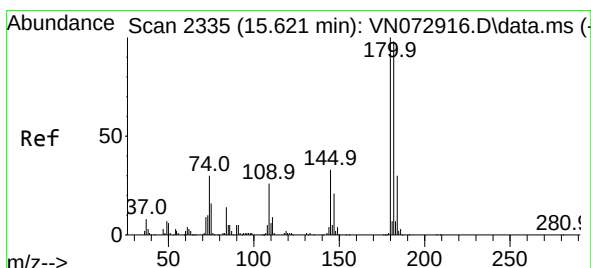
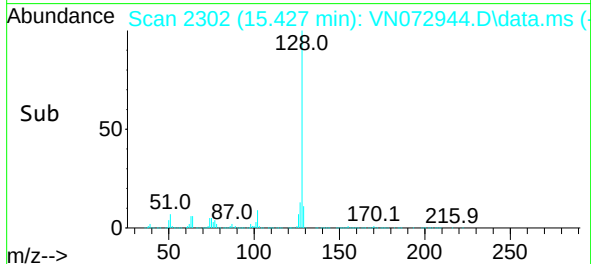
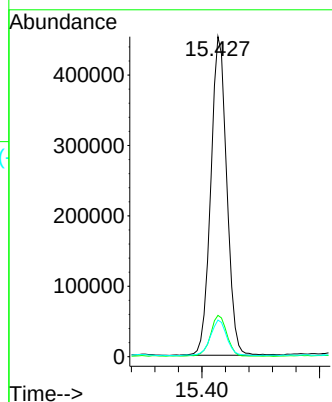
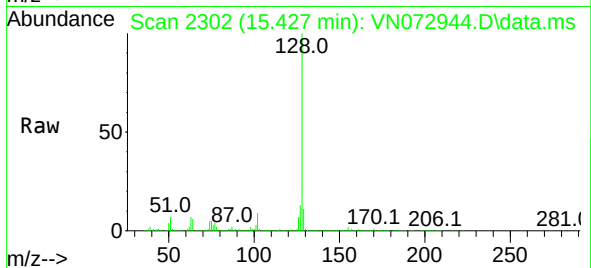
Tgt Ion:128 Resp: 853417

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 39.572 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN072944.D

Acq: 18 Jun 2022 16:58

Tgt Ion:180 Resp: 214779

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.3

145 36.8 15.5 46.5

