

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070702.D
 Acq On : 19 Jan 2022 16:12
 Operator : JC/MD
 Sample : N1145-08
 Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 20 03:40:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	1021036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1641747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1356113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	675838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	665168	45.457	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.920%		
35) Dibromofluoromethane	8.019	113	463223	45.486	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.980%		
50) Toluene-d8	10.440	98	2111820	49.225	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.731	95	736964	48.206	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.420%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.382	59	542	0.205	ug/l #	71
13) Acrolein	3.926	56	18427	4.867	ug/l #	1
14) Allyl chloride	5.103	41	3147248	127.879	ug/l #	56
15) Acrylonitrile	5.583	53	143674	17.107	ug/l #	40
16) Acetone	4.304	43	203696	20.056	ug/l	98
18) Methyl Acetate	5.103	43	8907073	445.935	ug/l #	51
20) Methylene Chloride	5.018	84	6049	0.452	ug/l #	1
23) Vinyl Acetate	6.439	43	43648	1.056	ug/l #	81
24) 1,1-Dichloroethane	6.442	63	6175	0.253	ug/l #	83
25) 2-Butanone	7.308	43	108262	8.471	ug/l #	48
26) 2,2-Dichloropropane	7.134	77	22575	1.207	ug/l #	52
29) Tetrahydrofuran	7.675	42	3573	0.457	ug/l #	32
30) Chloroform	7.767	83	121217	4.628	ug/l #	18
31) Cyclohexane	8.059	56	2672349	103.711	ug/l #	43
36) 1,1-Dichloropropene	8.080	75	84794	4.946	ug/l #	49
37) Ethyl Acetate	7.308	43	108262	4.756	ug/l #	69
38) Carbon Tetrachloride	8.080	117	103600	6.793	ug/l #	16
39) Methylcyclohexane	9.454	83	3045595	143.897	ug/l #	75
40) Benzene	8.453	78	65458	1.232	ug/l	99
41) Methacrylonitrile	7.665	41	45900	3.964	ug/l #	43
42) 1,2-Dichloroethane	8.568	62	7758	0.421	ug/l #	1
43) Isopropyl Acetate	8.550	43	722891	20.794	ug/l #	56
45) 1,2-Dichloropropane	9.510	63	11225	0.777	ug/l #	1
47) Bromodichloromethane	9.741	83	186915	10.880	ug/l #	28
48) Methyl methacrylate	9.588	41	408782	24.682	ug/l #	21
49) 1,4-Dioxane	9.582	88	90	0.362	ug/l #	1
51) 4-Methyl-2-Pentanone	10.368	43	1127005	50.804	ug/l #	80
52) Toluene	10.505	92	195507	6.153	ug/l	98
53) t-1,3-Dichloropropene	10.725	75	1162	2.457	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	900175	72.111	ug/l #	31
56) Ethyl methacrylate	10.784	69	69483	5.094	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.017	63	28959	25.637	ug/l #	45
59) 2-Hexanone	11.052	43	1222579	75.865	ug/l #	30
60) Dibromochloromethane	11.146	129	5306	0.456	ug/l	80
67) Ethyl Benzene	11.840	91	16608317	304.884	ug/l	96
68) m/p-Xylenes	11.953	106	1505809	75.986	ug/l	91

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 MSVOA_N
 ClientSampleId :

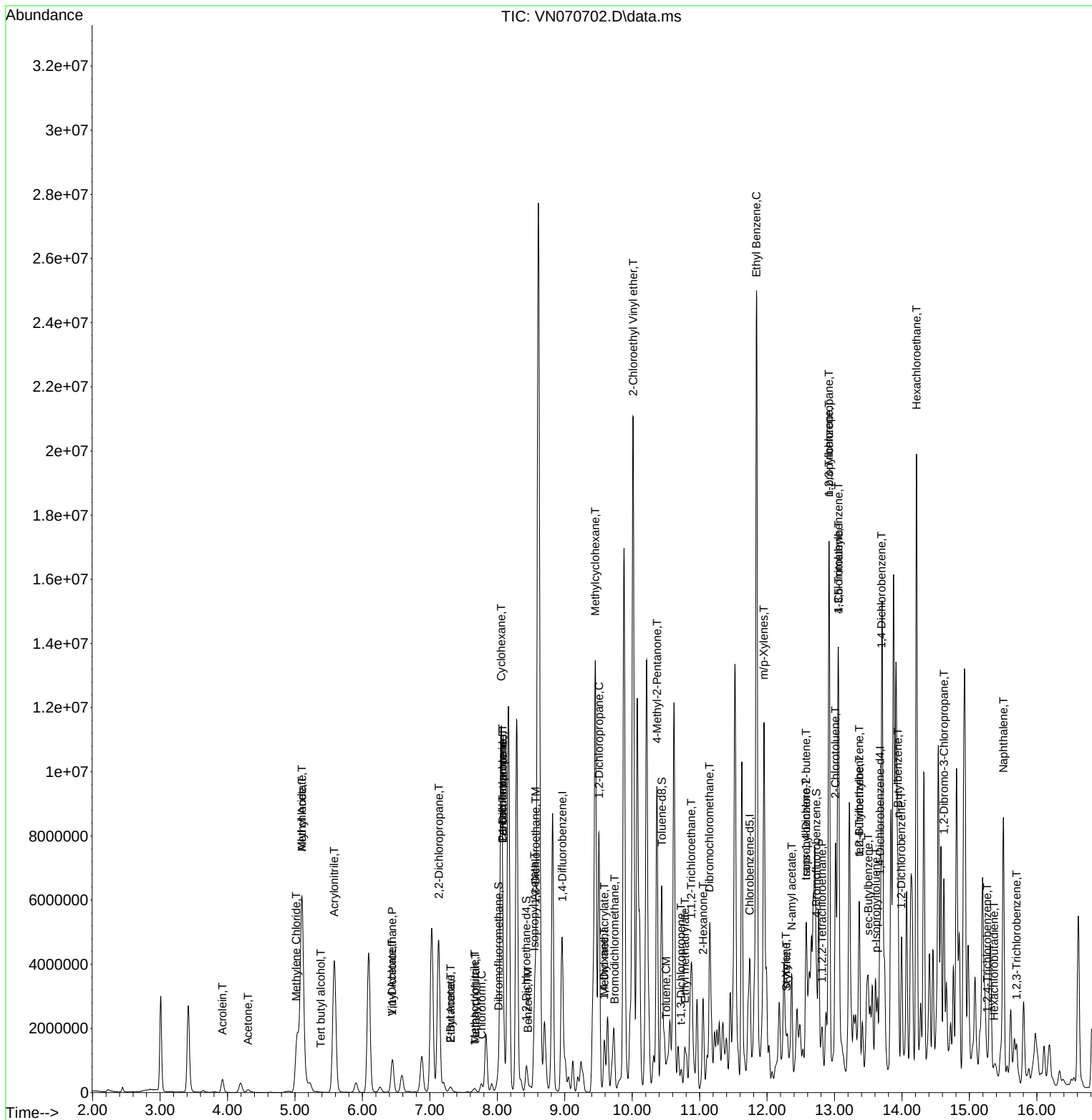
Quant Time: Jan 20 03:40:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

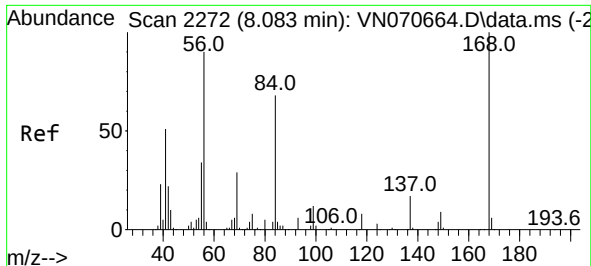
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	12.280	106	87566	4.453	ug/l	85
70) Styrene	12.286	104	9922	0.315	ug/l #	1
73) Isopropylbenzene	12.578	105	2926431	45.770	ug/l	98
74) N-amyl acetate	12.366	43	760993	29.110	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.814	83	23005	1.065	ug/l #	1
76) 1,2,3-Trichloropropane	12.919	75	84968	4.740	ug/l #	1
78) n-propylbenzene	12.919	91	12986732	181.621	ug/l	96
79) 2-Chlorotoluene	13.015	91	552037	12.205	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.058	105	5262397	101.777	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.578	75	36990	6.148	ug/l #	65
82) 4-Chlorotoluene	13.058	91	555147	13.136	ug/l #	41
83) tert-Butylbenzene	13.367	119	361052	8.022	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.367	105	2997710	60.316	ug/l	97
85) sec-Butylbenzene	13.501	105	1518224	24.812	ug/l #	59
86) p-Isopropyltoluene	13.616	119	530967	11.046	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	7477	0.315	ug/l #	1
89) n-Butylbenzene	13.940	91	4352112	109.752	ug/l #	73
90) Hexachloroethane	14.217	117	955477	113.716	ug/l #	6
91) 1,2-Dichlorobenzene	13.989	146	11820	0.502	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.622	75	12458	3.401	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.265	180	15832	4.606	ug/l #	85
94) Hexachlorobutadiene	15.367	225	2067	0.296	ug/l	92
95) Naphthalene	15.504	128	6818832	180.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	19131	4.716	ug/l #	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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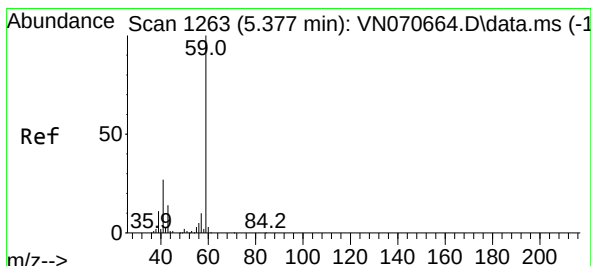
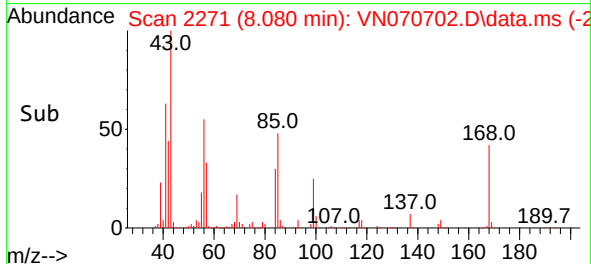
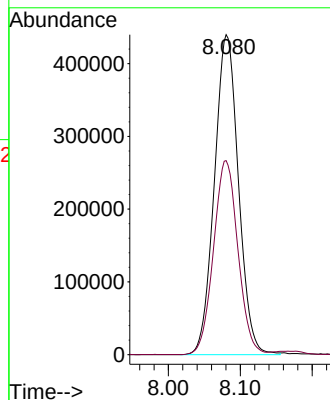
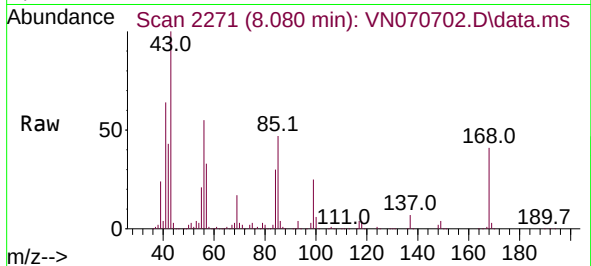




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

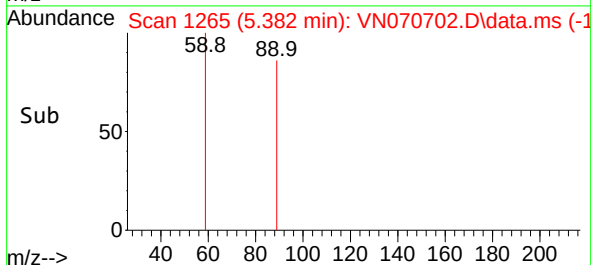
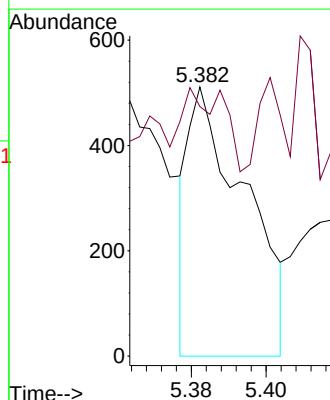
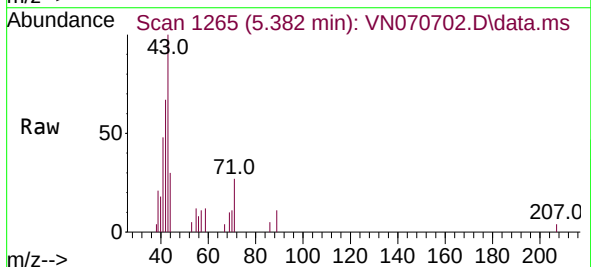
Instrument :
MSVOA_N
ClientSampleId :

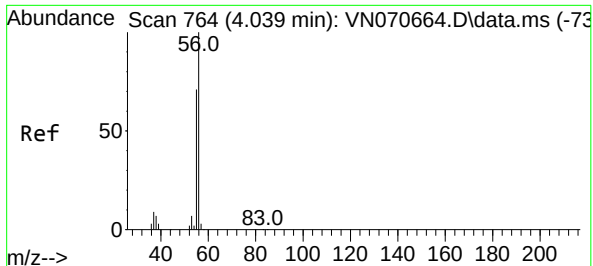
Tgt Ion:168 Resp: 1021036
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 0.205 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. 0.005 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 59 Resp: 542
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

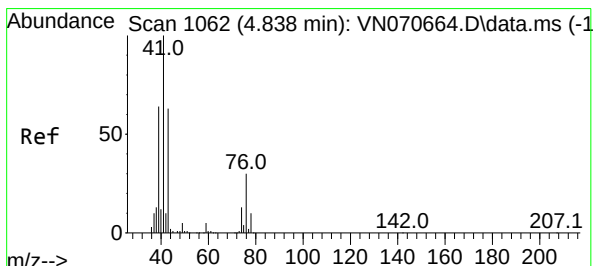
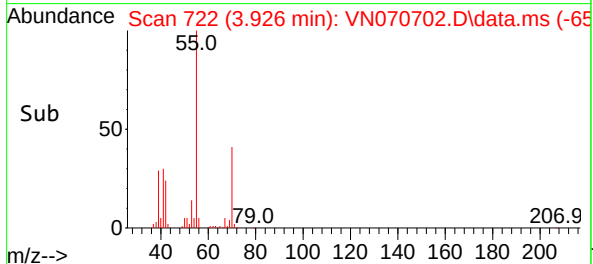
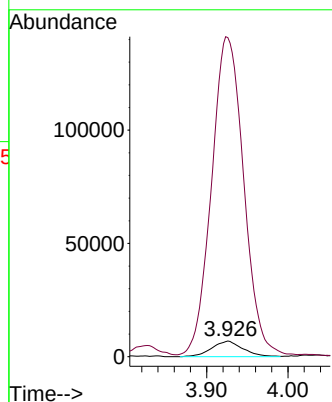
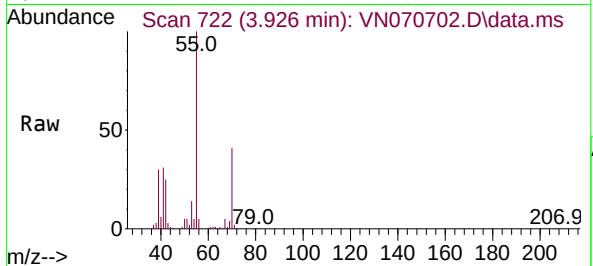




#13
Acrolein
Concen: 4.867 ug/l
RT: 3.926 min Scan# 71
Delta R.T. -0.113 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

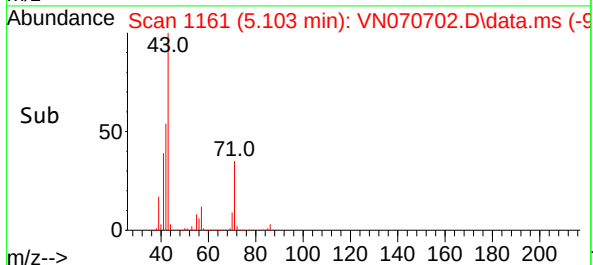
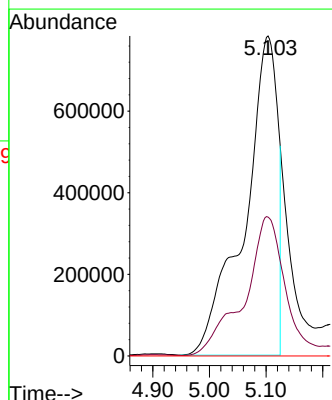
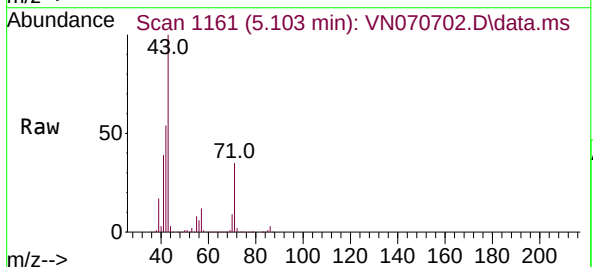
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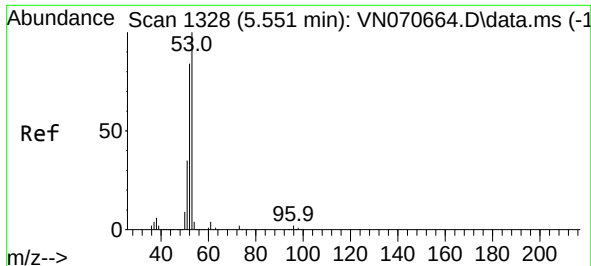
Tgt Ion: 56 Resp: 18427
Ion Ratio Lower Upper
56 100
55 2091.6 56.6 85.0#



#14
Allyl chloride
Concen: 127.879 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.265 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 41 Resp: 3147248
Ion Ratio Lower Upper
41 100
39 43.7 61.2 91.8#
76 0.0 26.0 39.0#

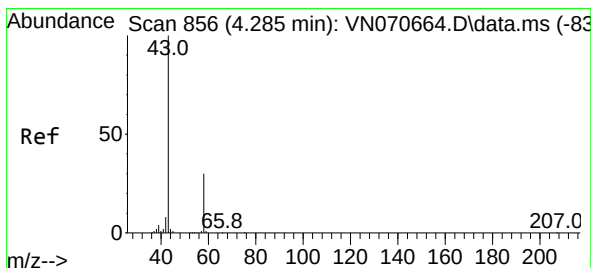
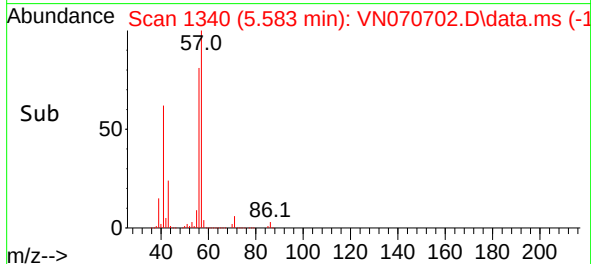
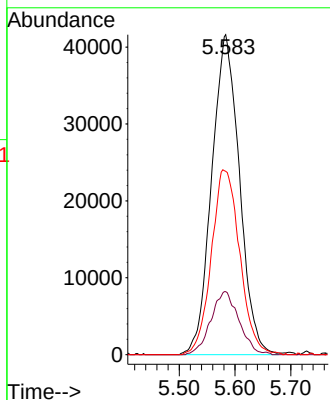
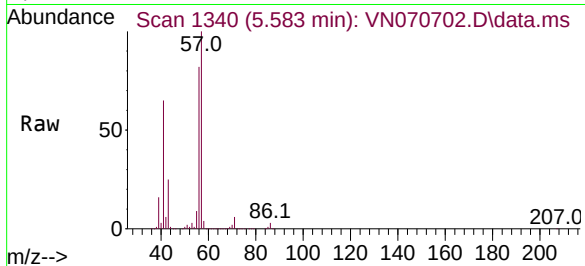




#15
Acrylonitrile
Concen: 17.107 ug/l
RT: 5.583 min Scan# 11
Delta R.T. 0.032 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

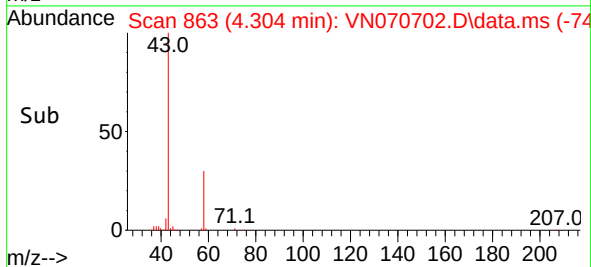
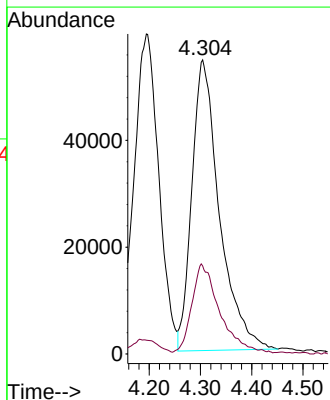
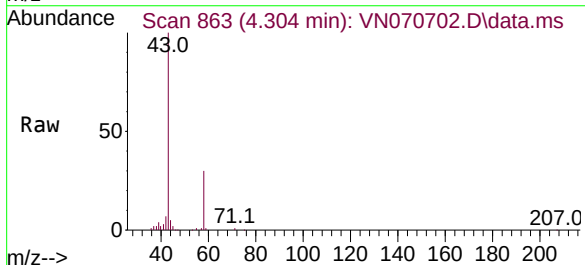
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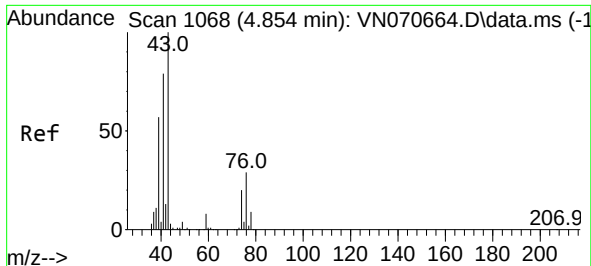
Tgt Ion: 53 Resp: 143674
Ion Ratio Lower Upper
53 100
52 19.9 66.2 99.2#
51 59.1 29.6 44.4#



#16
Acetone
Concen: 20.056 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 43 Resp: 203696
Ion Ratio Lower Upper
43 100
58 29.9 23.1 34.7





#18

Methyl Acetate

Concen: 445.935 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.249 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

Instrument :

MSVOA_N

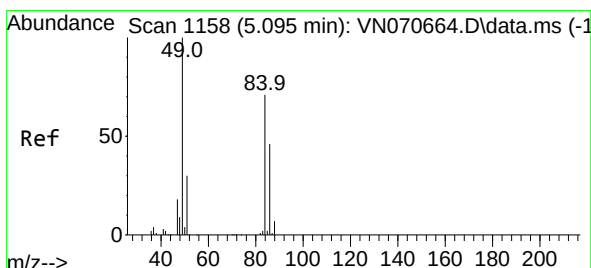
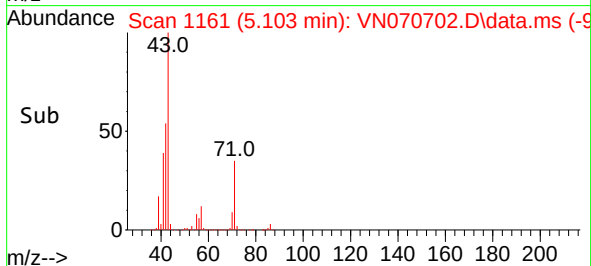
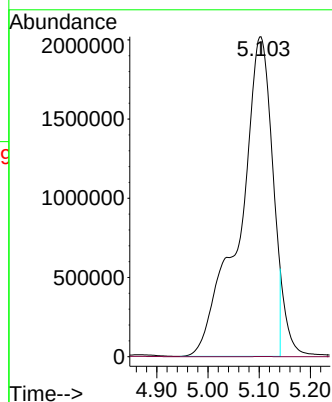
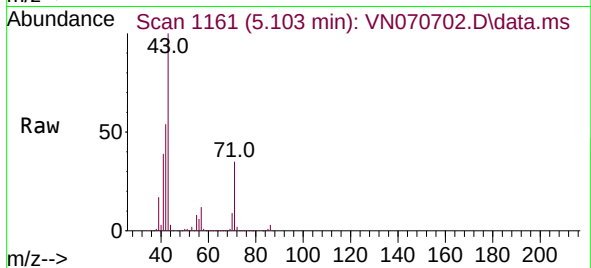
ClientSampleId :

Tgt Ion: 43 Resp: 8907073

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: 0.452 ug/l

RT: 5.018 min Scan# 1129

Delta R.T. -0.077 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

Tgt Ion: 84 Resp: 6049

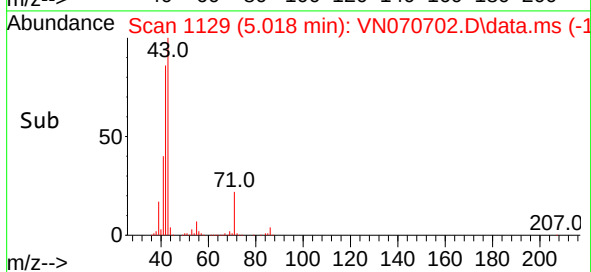
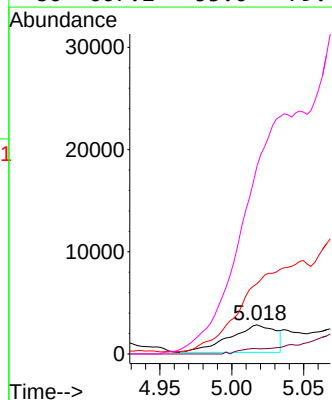
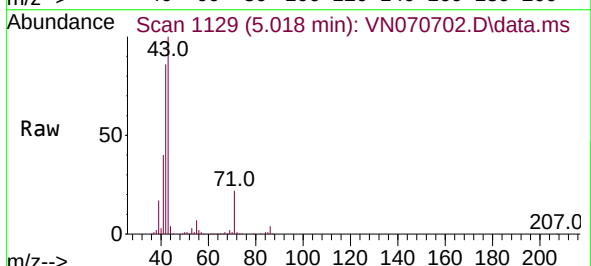
Ion Ratio Lower Upper

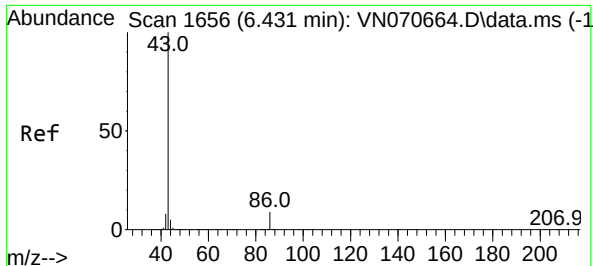
84 100

49 19.2 93.5 140.3#

51 246.6 29.4 44.2#

86 667.2 53.0 79.4#

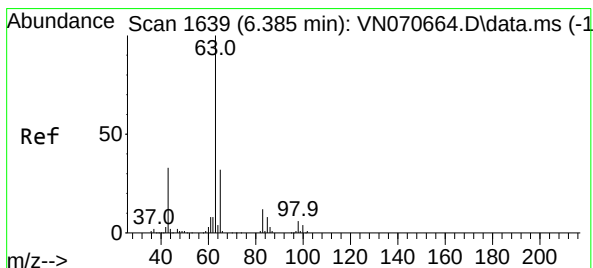
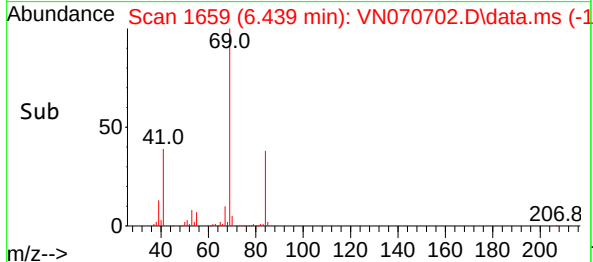
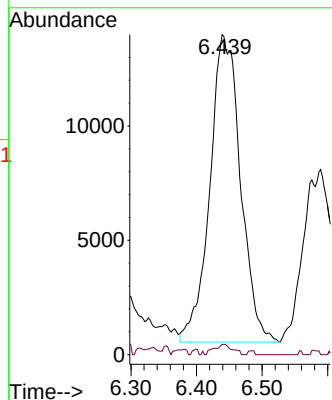
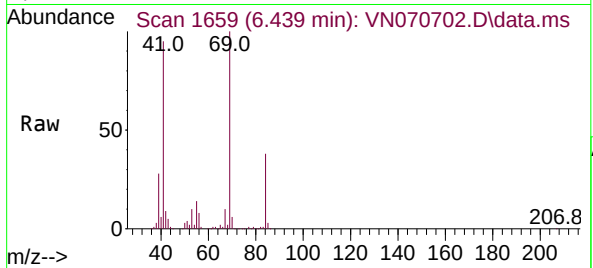




#23
 Vinyl Acetate
 Concen: 1.056 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.008 min
 Lab File: VN070702.D
 Acq: 19 Jan 2022 16:12

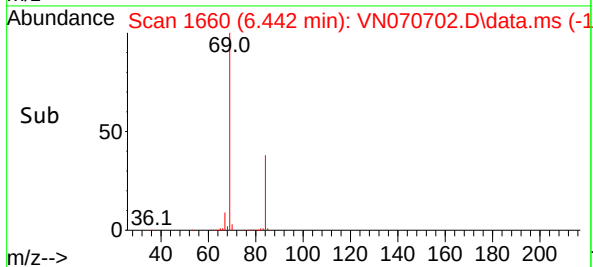
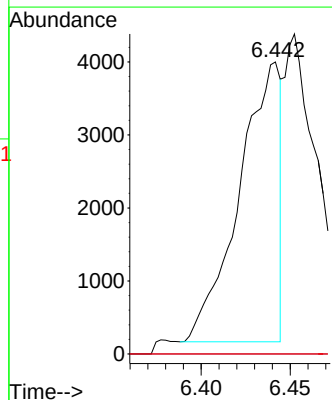
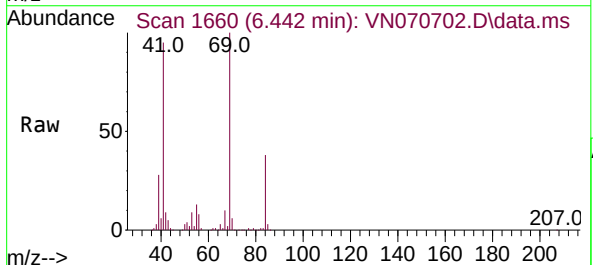
Instrument :
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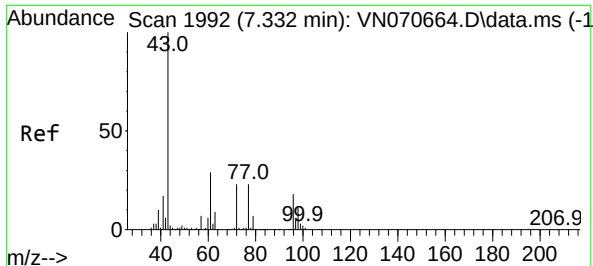
Tgt Ion: 43 Resp: 43648
 Ion Ratio Lower Upper
 43 100
 86 3.3 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 0.253 ug/l
 RT: 6.442 min Scan# 1660
 Delta R.T. 0.057 min
 Lab File: VN070702.D
 Acq: 19 Jan 2022 16:12

Tgt Ion: 63 Resp: 6175
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 8.471 ug/l

RT: 7.308 min Scan# 1918

Delta R.T. -0.024 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

Instrument :

MSVOA_N

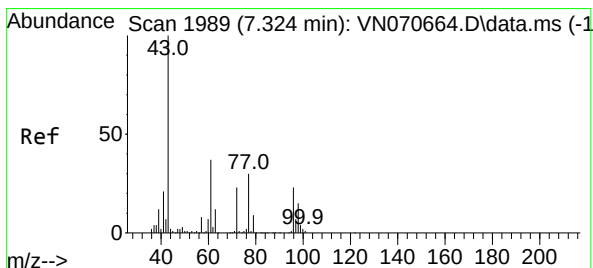
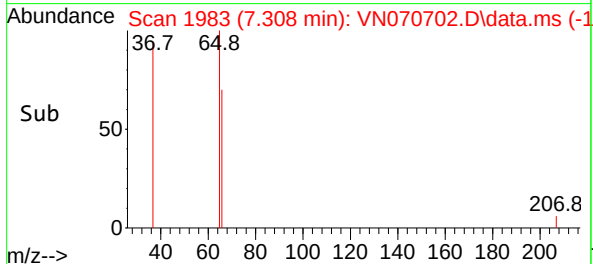
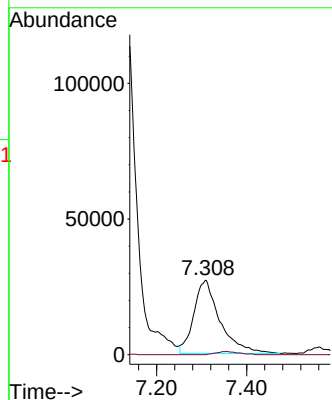
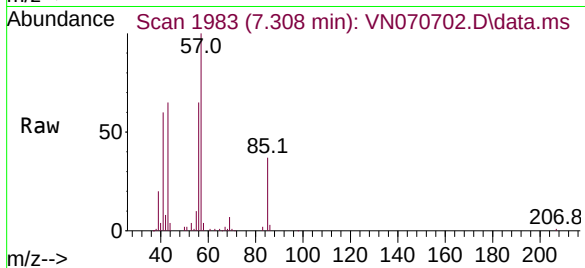
ClientSampleId :

Tgt Ion: 43 Resp: 108262

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 1.207 ug/l

RT: 7.134 min Scan# 1918

Delta R.T. -0.190 min

Lab File: VN070702.D

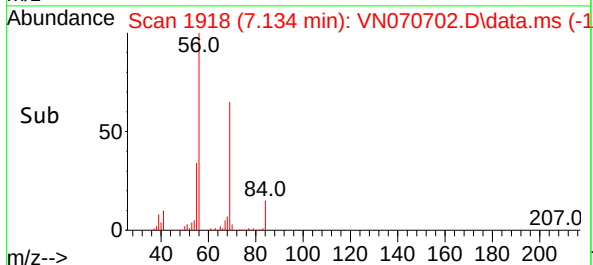
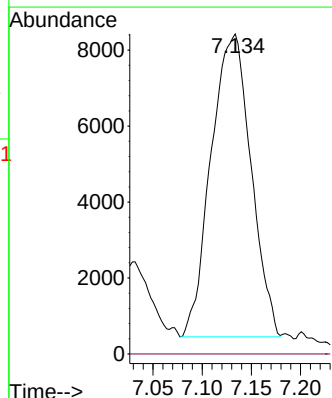
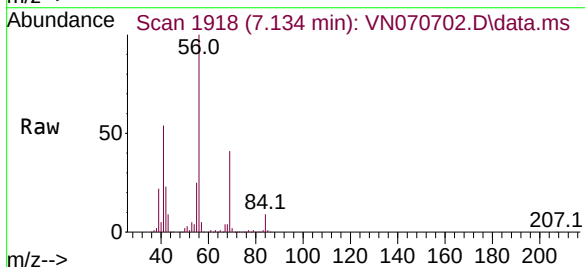
Acq: 19 Jan 2022 16:12

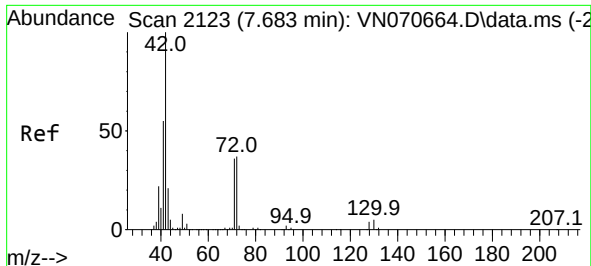
Tgt Ion: 77 Resp: 22575

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#





#29

Tetrahydrofuran

Concen: 0.457 ug/l

RT: 7.675 min Scan# 2119

Delta R.T. -0.008 min

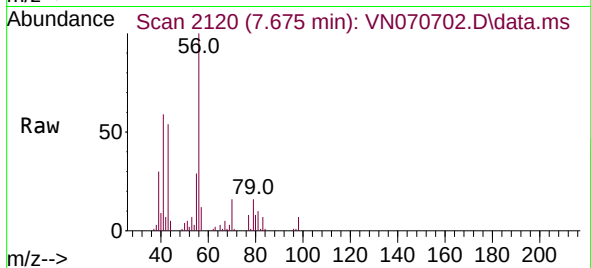
Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

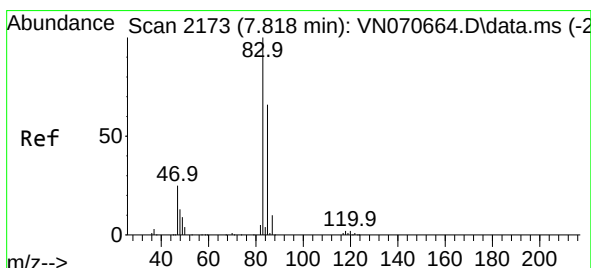
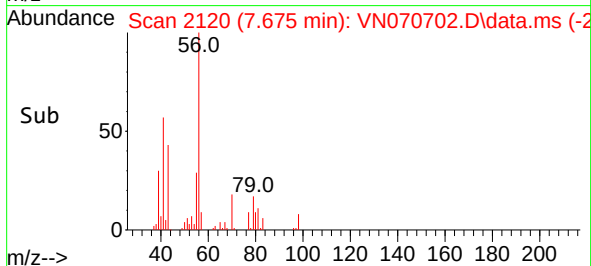
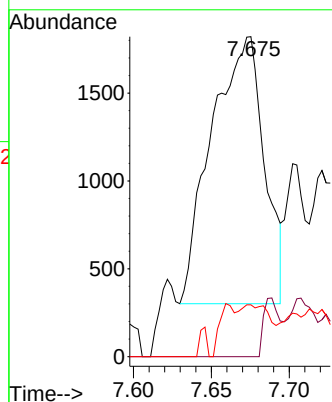
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	3573
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.3	54.5#
71	0.0	34.7	52.1#



#30

Chloroform

Concen: 4.628 ug/l

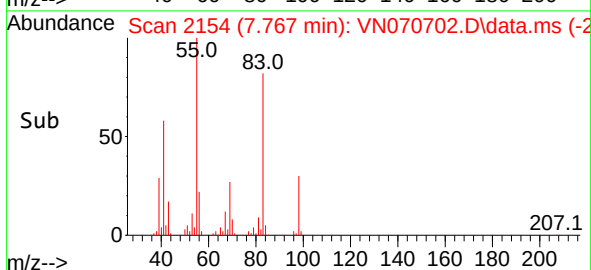
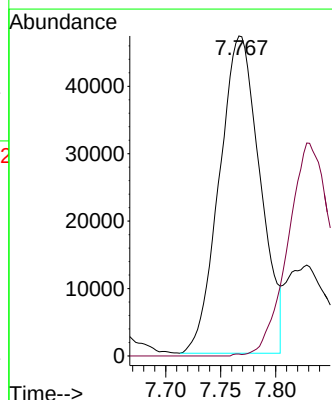
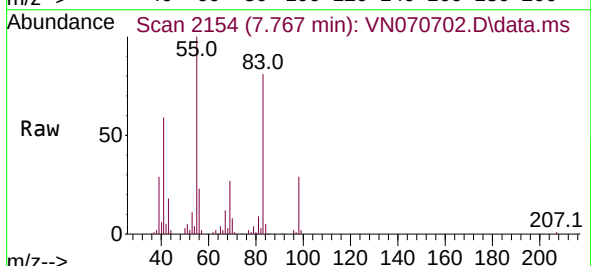
RT: 7.767 min Scan# 2154

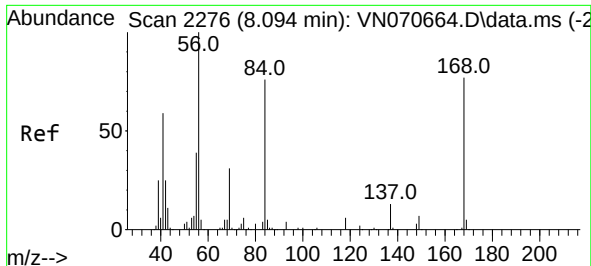
Delta R.T. -0.051 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

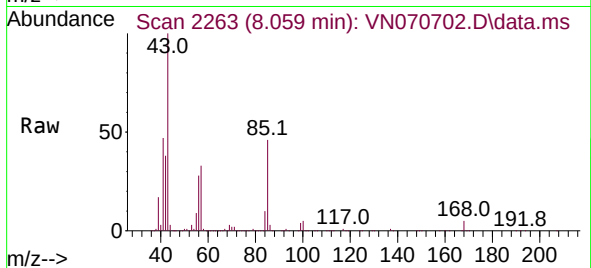
Tgt Ion:	83	Resp:	121217
Ion	Ratio	Lower	Upper
83	100		
85	0.6	51.9	77.9#



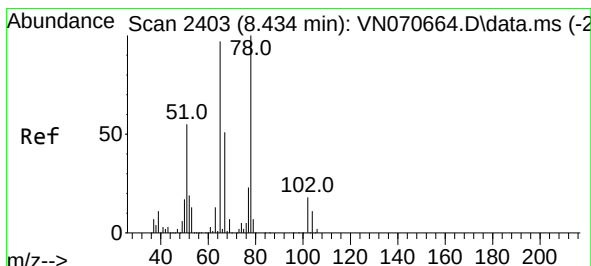
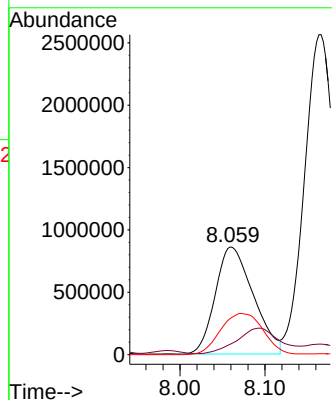
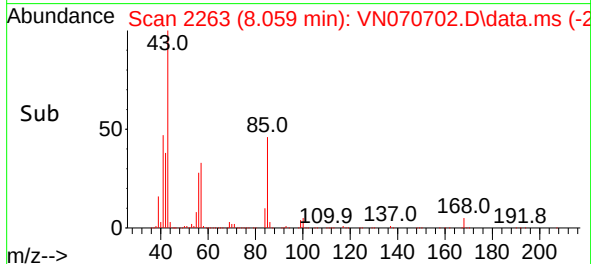


#31
Cyclohexane
Concen: 103.711 ug/l
RT: 8.059 min Scan# 21
Delta R.T. -0.035 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :

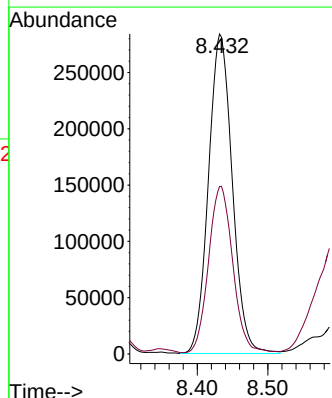
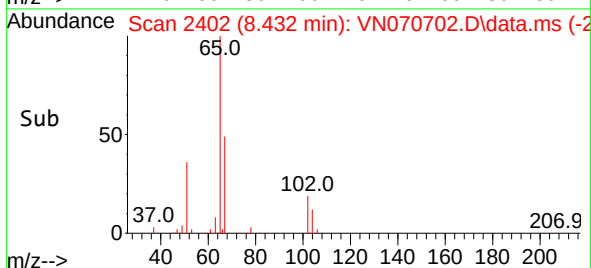
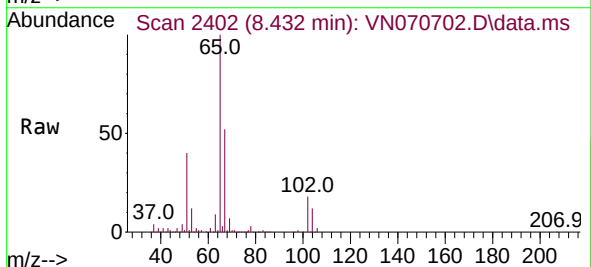


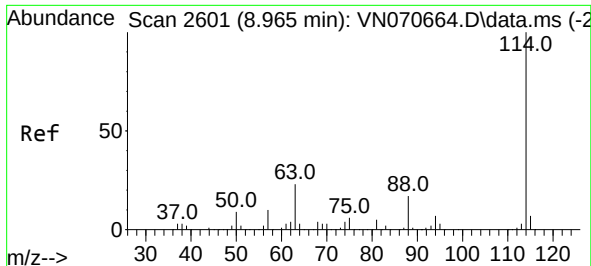
Tgt Ion: 56 Resp: 2672349
Ion Ratio Lower Upper
56 100
69 7.1 27.1 40.7#
84 33.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 45.457 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.002 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 65 Resp: 665168
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

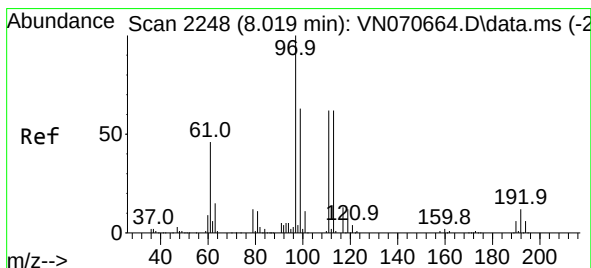
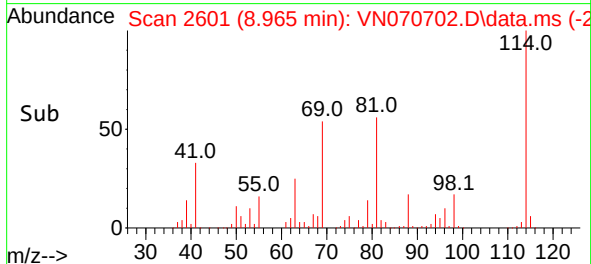
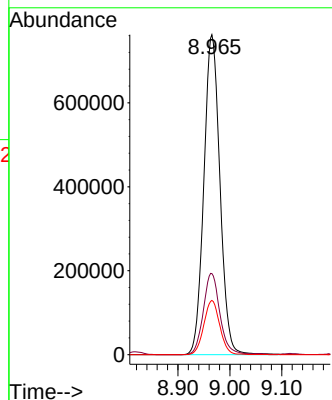
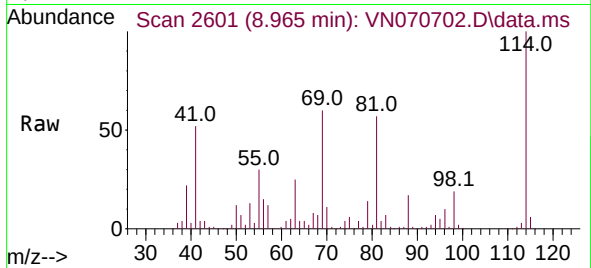




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

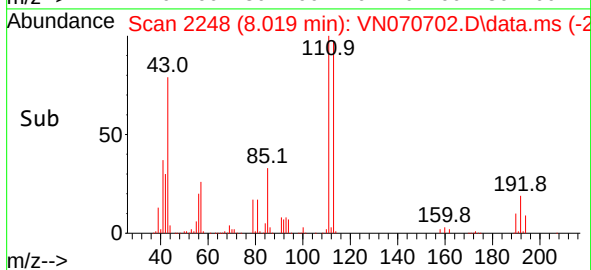
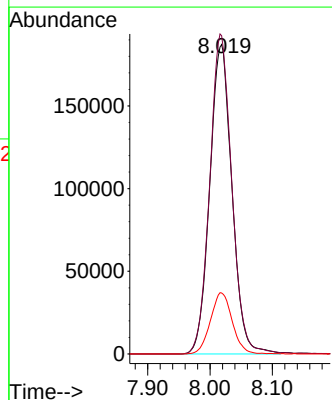
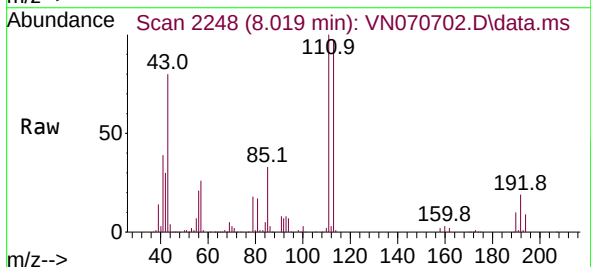
Instrument :
MSVOA_N
ClientSampleId :

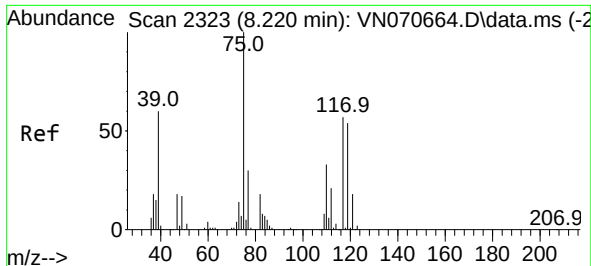
Tgt Ion:114 Resp: 1641747
Ion Ratio Lower Upper
114 100
63 25.4 0.0 37.8
88 16.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.486 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion:113 Resp: 463223
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.4 16.9 25.3

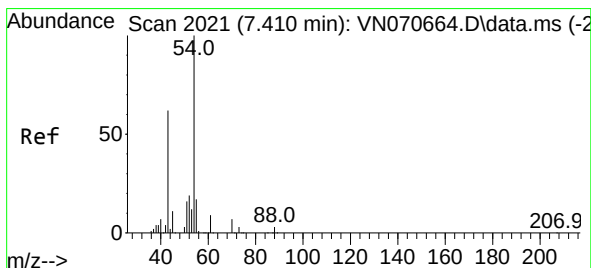
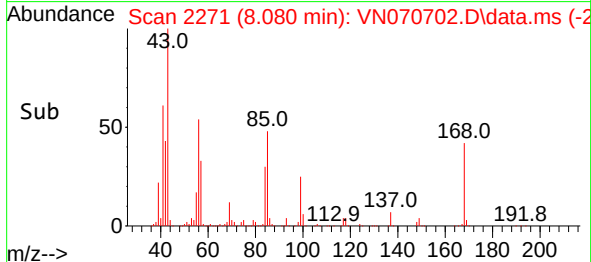
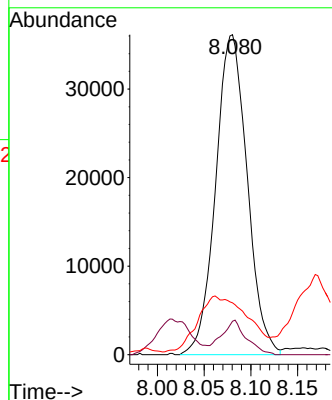
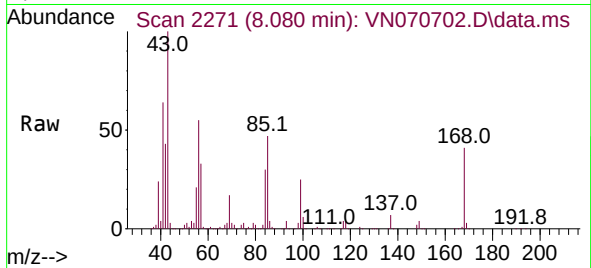




#36
1,1-Dichloropropene
Concen: 4.946 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.140 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

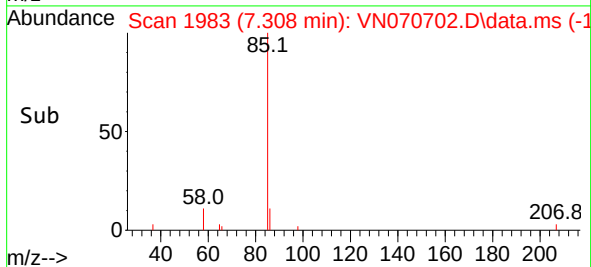
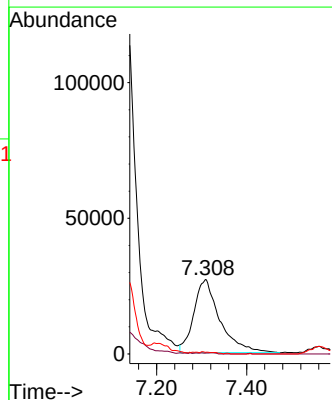
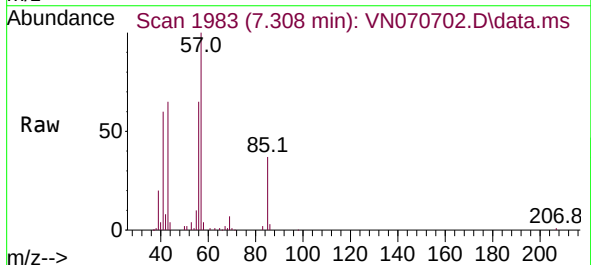
Instrument :
MSVOA_N
ClientSampleId :

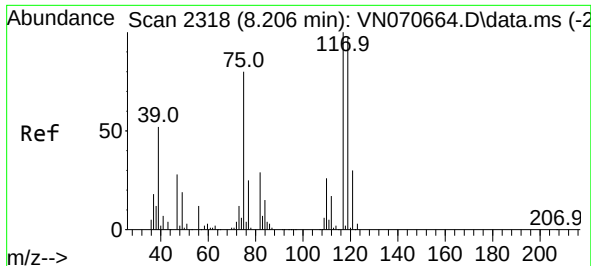
Tgt Ion: 75 Resp: 84794
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.756 ug/l
RT: 7.308 min Scan# 1983
Delta R.T. -0.102 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

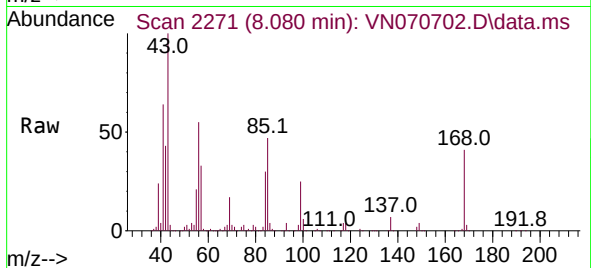
Tgt Ion: 43 Resp: 108262
Ion Ratio Lower Upper
43 100
61 0.4 11.5 17.3#
70 0.0 7.9 11.9#



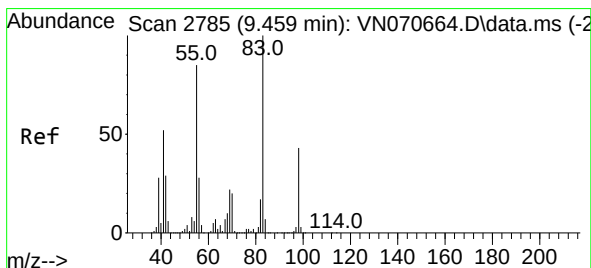
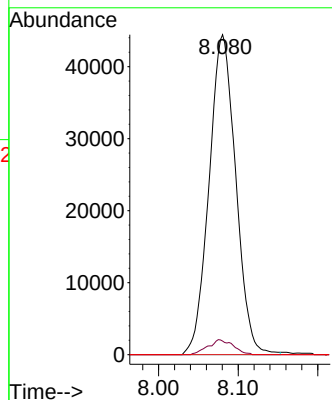
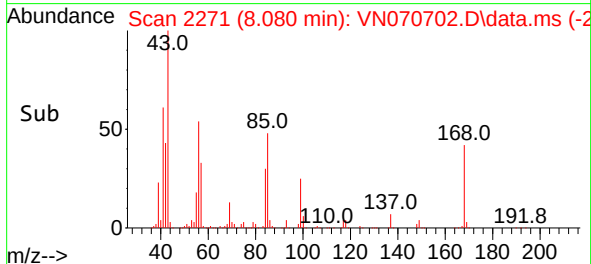


#38
Carbon Tetrachloride
Concen: 6.793 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.126 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :

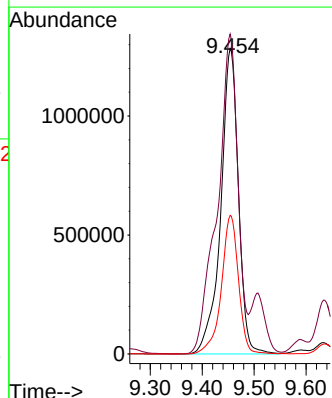
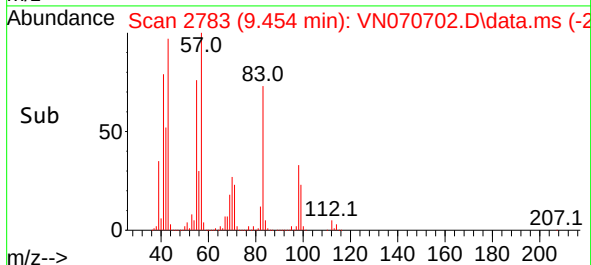
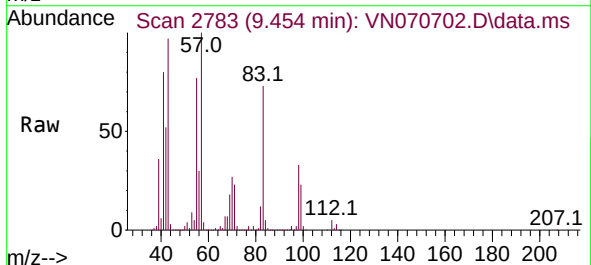


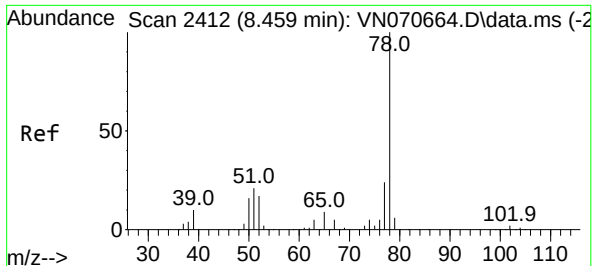
Tgt Ion:117 Resp: 103600
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 143.897 ug/l
RT: 9.454 min Scan# 2783
Delta R.T. -0.005 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 83 Resp: 3045595
Ion Ratio Lower Upper
83 100
55 104.7 58.1 87.1#
98 45.4 38.4 57.6

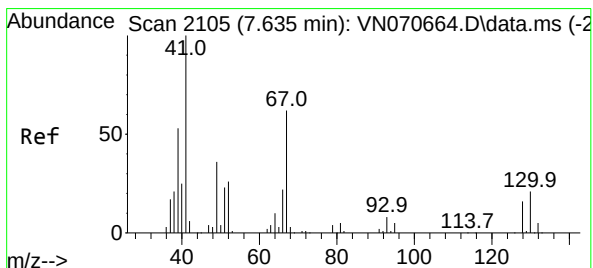
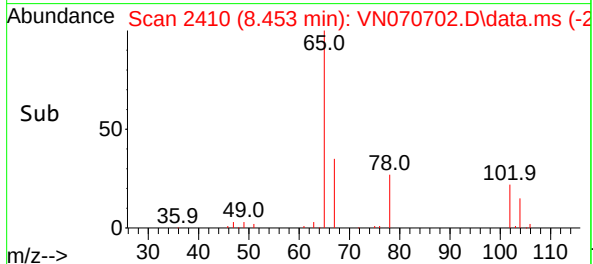
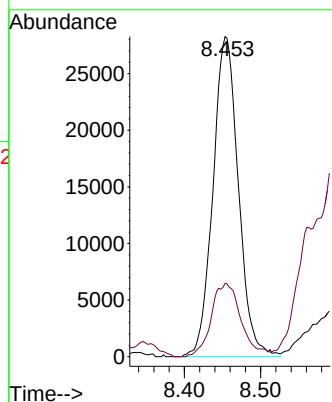
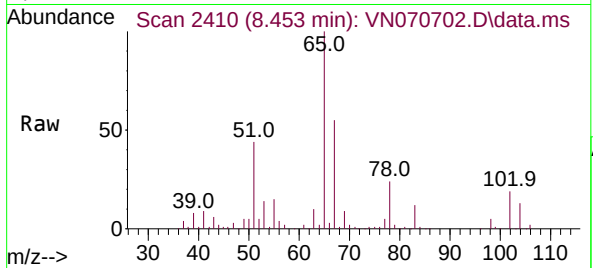




#40
Benzene
Concen: 1.232 ug/l
RT: 8.453 min Scan# 2412
Delta R.T. -0.006 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

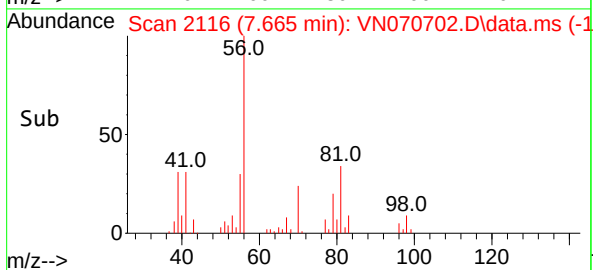
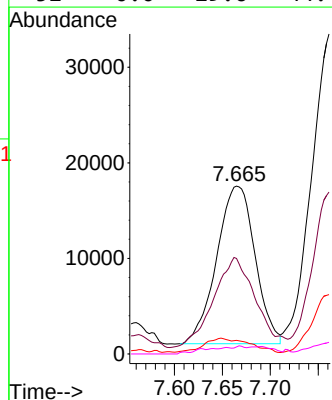
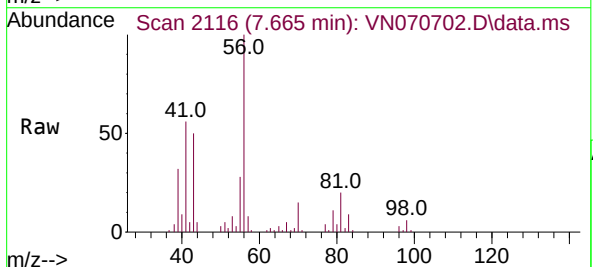
Instrument :
MSVOA_N
ClientSampleId :

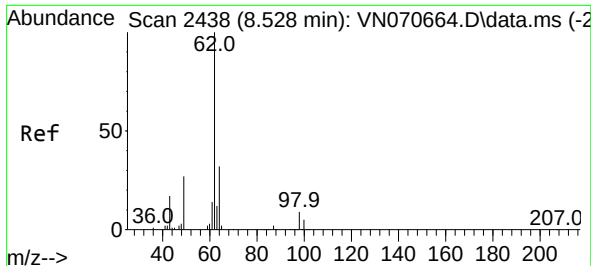
Tgt Ion: 78 Resp: 65458
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8



#41
Methacrylonitrile
Concen: 3.964 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.030 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 41 Resp: 45900
Ion Ratio Lower Upper
41 100
39 62.0 48.1 72.1
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 0.421 ug/l

RT: 8.568 min Scan# 2445

Delta R.T. 0.040 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

Instrument :

MSVOA_N

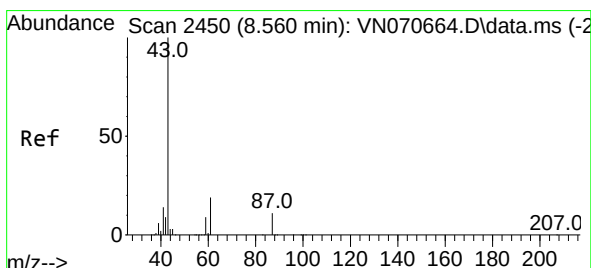
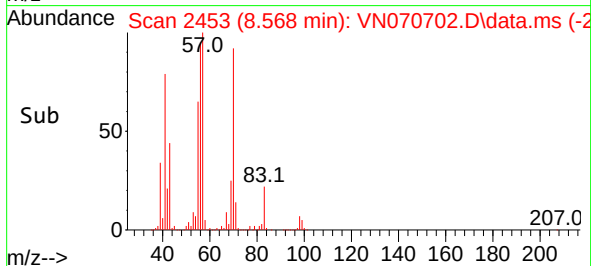
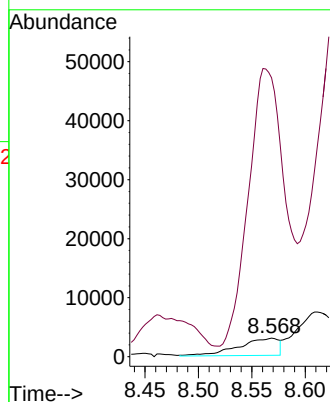
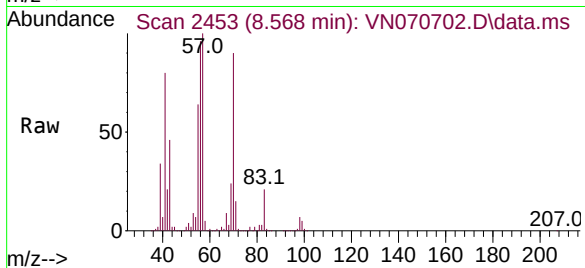
ClientSampleId :

Tgt Ion: 62 Resp: 7758

Ion Ratio Lower Upper

62 100

98 1426.2 0.0 17.6#



#43

Isopropyl Acetate

Concen: 20.794 ug/l

RT: 8.550 min Scan# 2446

Delta R.T. -0.010 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

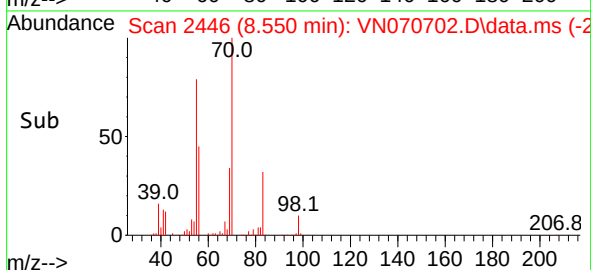
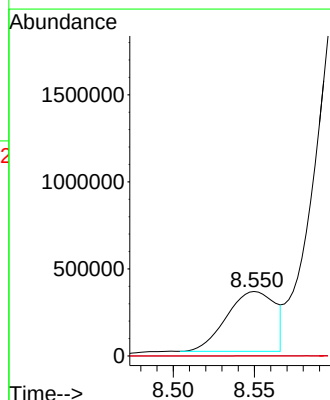
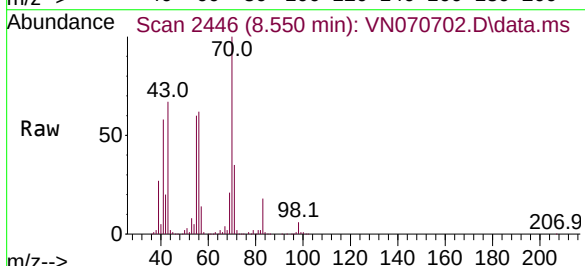
Tgt Ion: 43 Resp: 722891

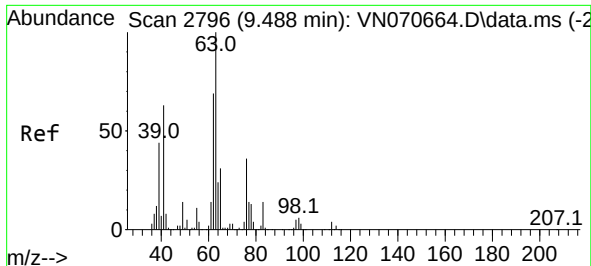
Ion Ratio Lower Upper

43 100

61 0.2 20.4 30.6#

87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.777 ug/l

RT: 9.510 min Scan# 2

Delta R.T. 0.022 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

Instrument :

MSVOA_N

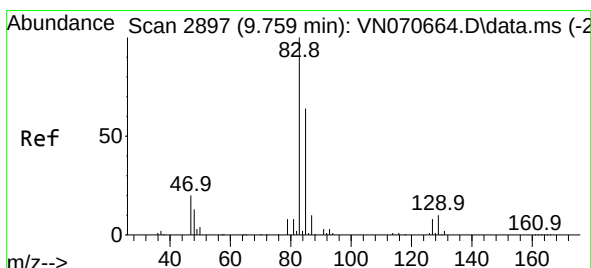
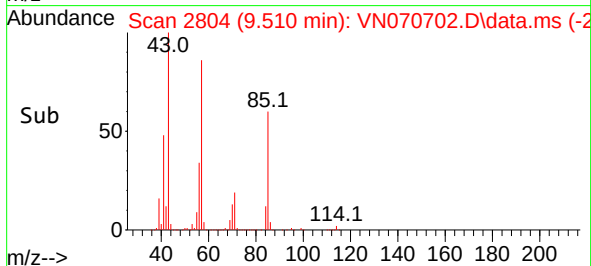
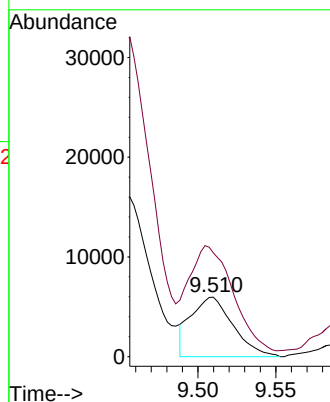
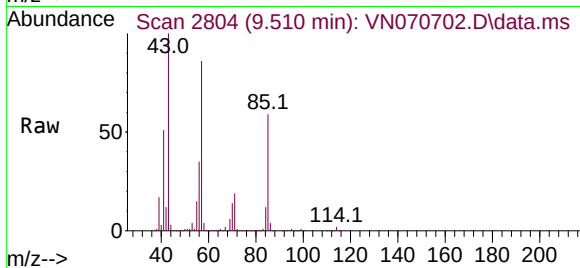
ClientSampleId :

Tgt Ion: 63 Resp: 11225

Ion Ratio Lower Upper

63 100

65 164.2 24.7 37.1#



#47

Bromodichloromethane

Concen: 10.880 ug/l

RT: 9.741 min Scan# 2890

Delta R.T. -0.018 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

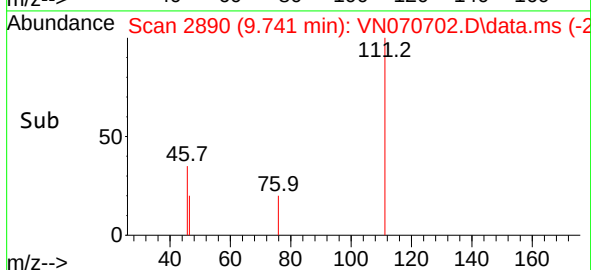
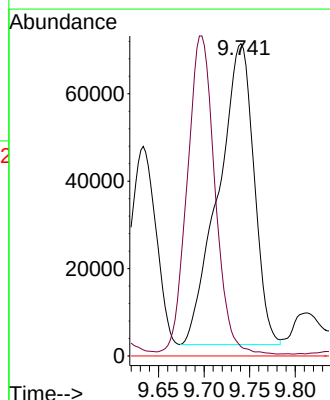
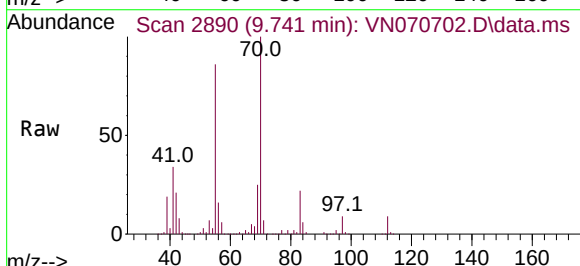
Tgt Ion: 83 Resp: 186915

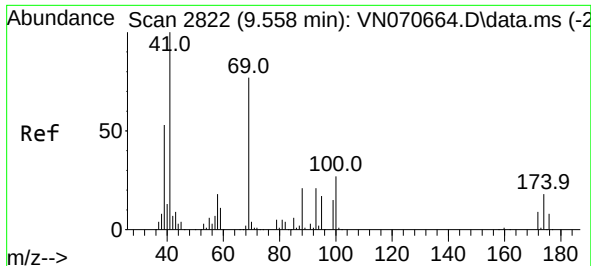
Ion Ratio Lower Upper

83 100

85 2.4 50.9 76.3#

127 0.0 7.1 10.7#

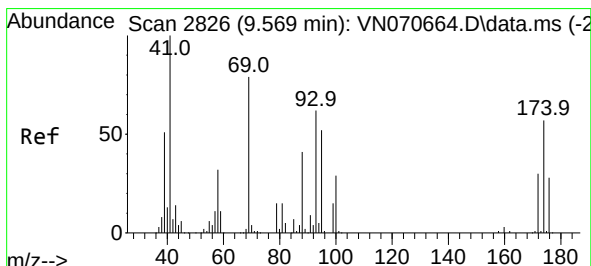
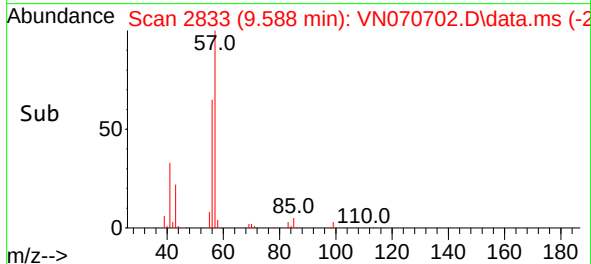
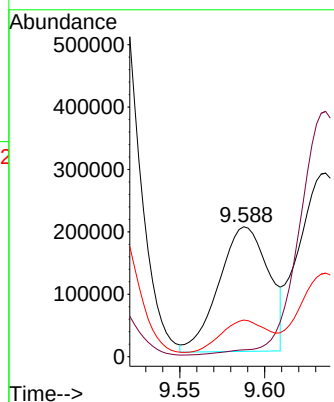
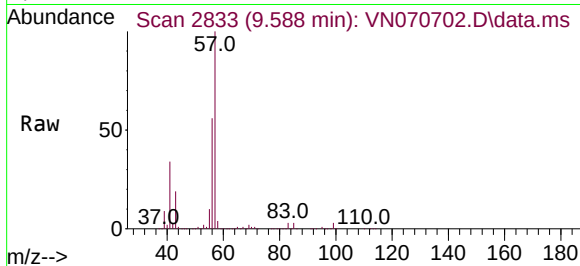




#48
Methyl methacrylate
Concen: 24.682 ug/l
RT: 9.588 min Scan# 2833
Delta R.T. 0.030 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

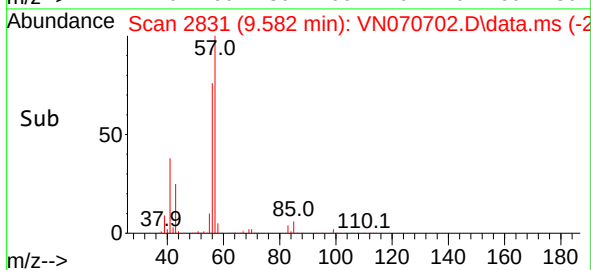
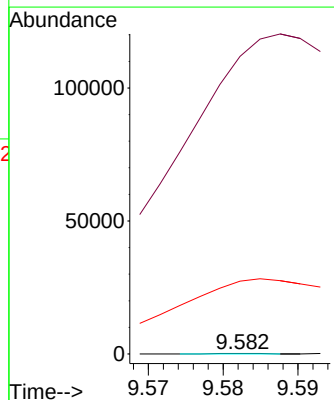
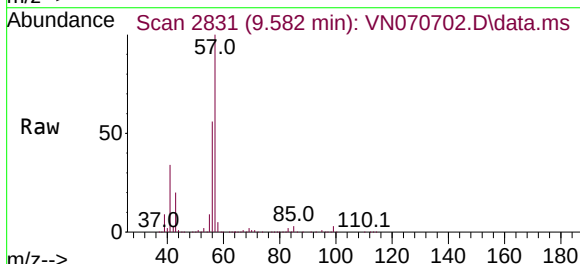
Instrument :
MSVOA_N
ClientSampleId :

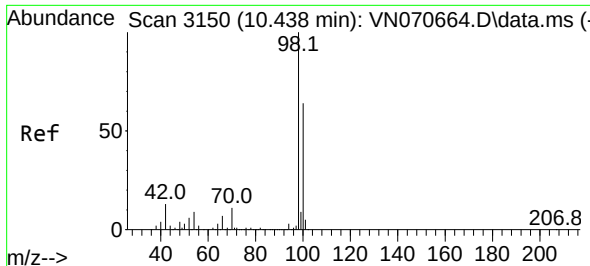
Tgt Ion: 41 Resp: 408782
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 23.7 58.4 87.6#



#49
1,4-Dioxane
Concen: 0.362 ug/l
RT: 9.582 min Scan# 2831
Delta R.T. 0.013 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 88 Resp: 90
Ion Ratio Lower Upper
88 100
43 214624.4 23.4 35.2#
58 68834.4 50.6 75.8#

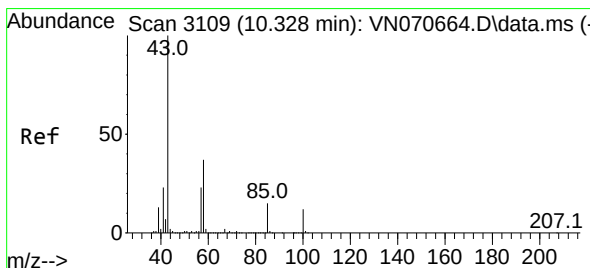
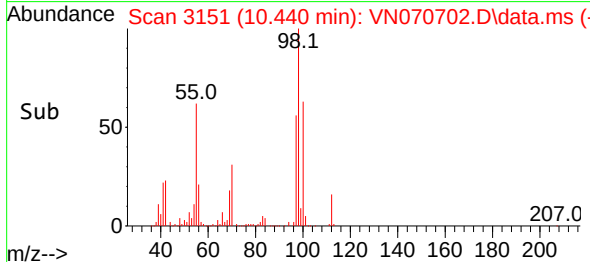
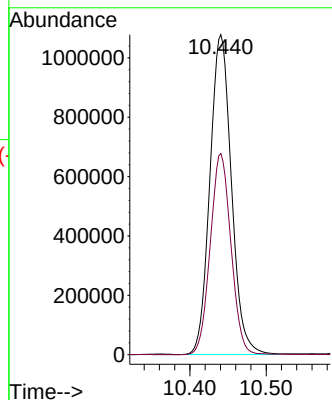
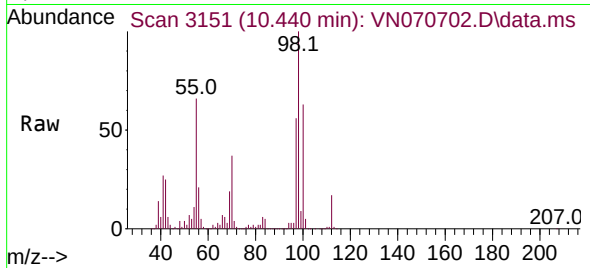




#50
Toluene-d8
Concen: 49.225 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

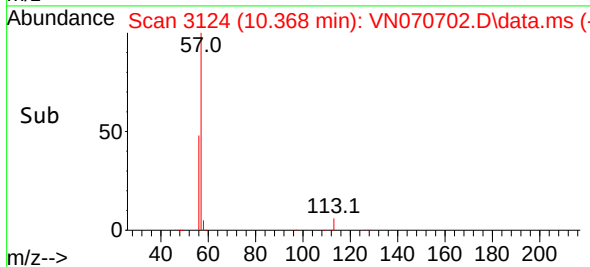
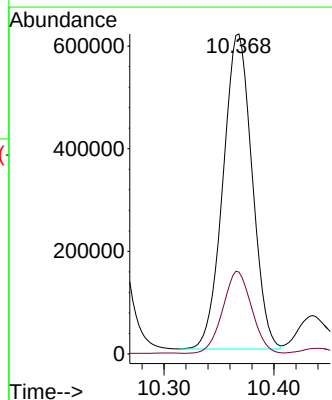
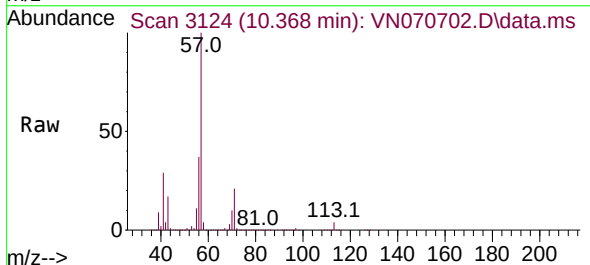
Instrument :
MSVOA_N
ClientSampleId :

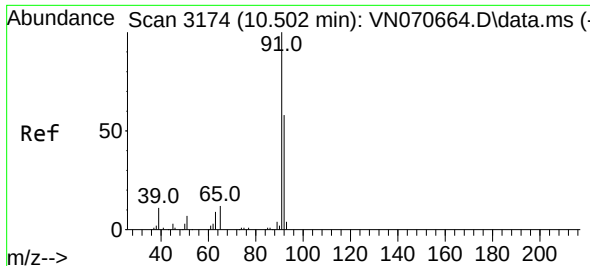
Tgt Ion: 98 Resp: 2111820
Ion Ratio Lower Upper
98 100
100 60.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 50.804 ug/l
RT: 10.368 min Scan# 3124
Delta R.T. 0.040 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 43 Resp: 1127005
Ion Ratio Lower Upper
43 100
58 25.8 30.4 45.6#

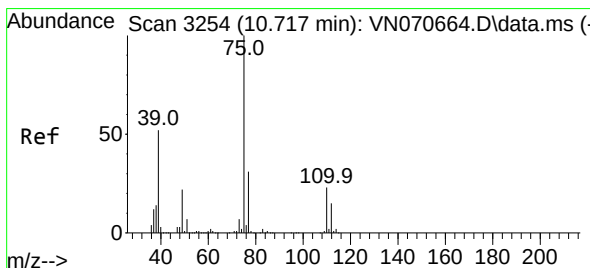
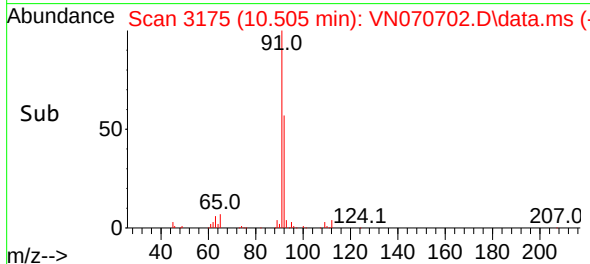
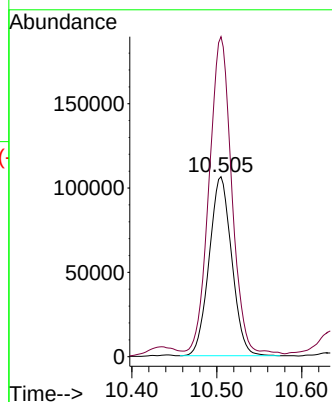
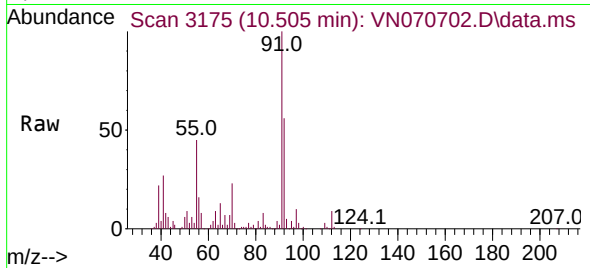




#52
Toluene
Concen: 6.153 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

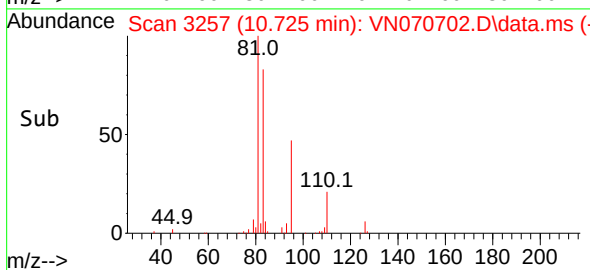
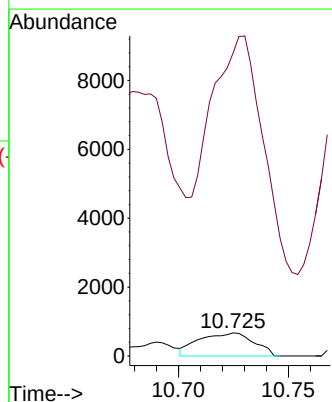
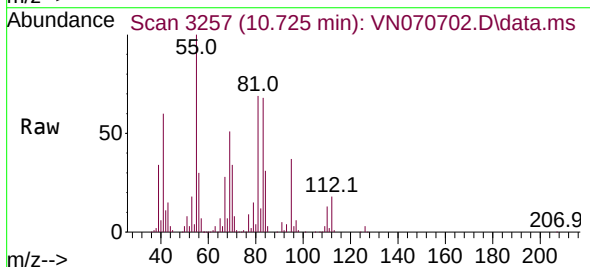
Instrument :
MSVOA_N
ClientSampleId :

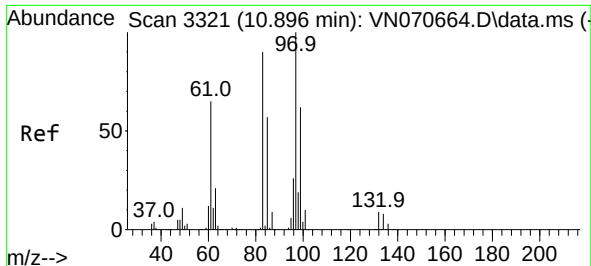
Tgt Ion: 92 Resp: 195507
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.457 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.008 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

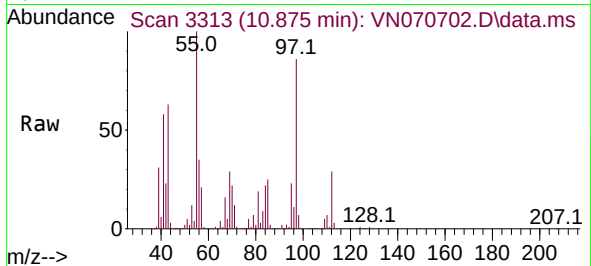
Tgt Ion: 75 Resp: 1162
Ion Ratio Lower Upper
75 100
77 803.4 25.6 38.4#



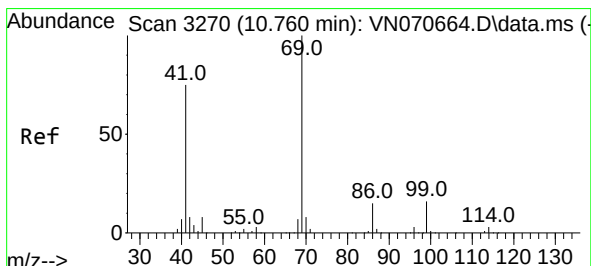
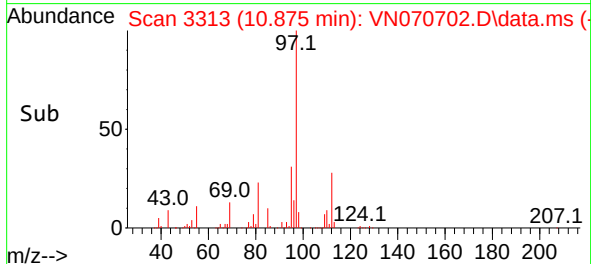
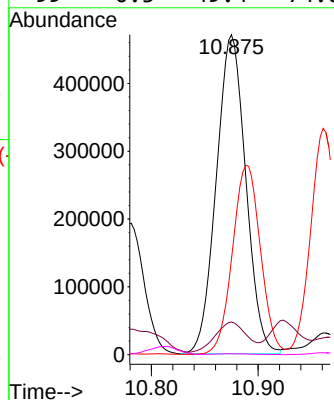


#55
1,1,2-Trichloroethane
Concen: 72.111 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :

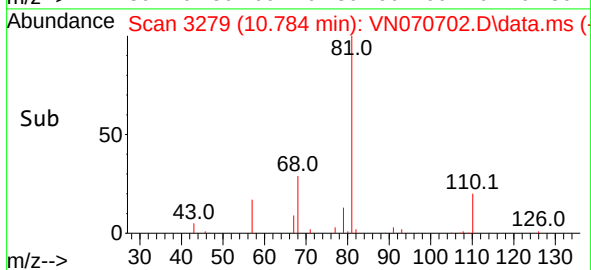
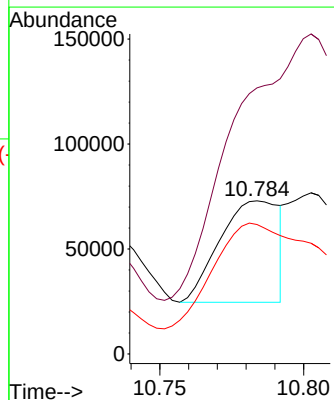
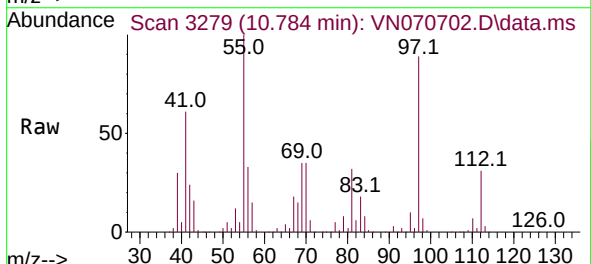


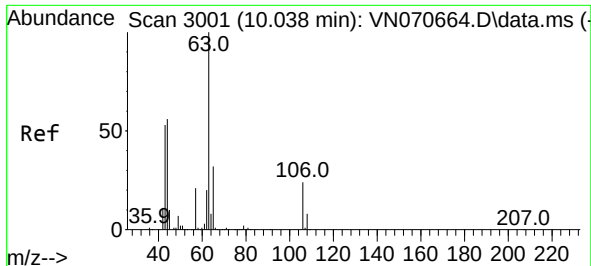
Tgt Ion: 97 Resp: 900175
Ion Ratio Lower Upper
97 100
83 8.9 67.8 101.6#
85 29.6 45.4 68.2#
99 0.3 49.4 74.0#



#56
Ethyl methacrylate
Concen: 5.094 ug/l
RT: 10.784 min Scan# 3279
Delta R.T. 0.024 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 69 Resp: 69483
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 201.8 34.6 52.0#

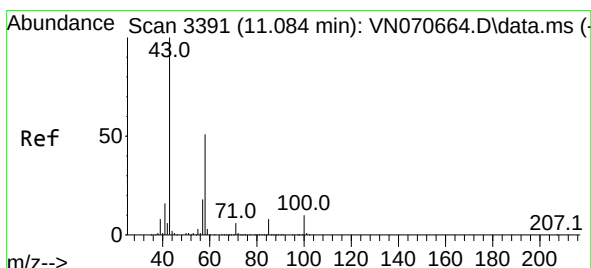
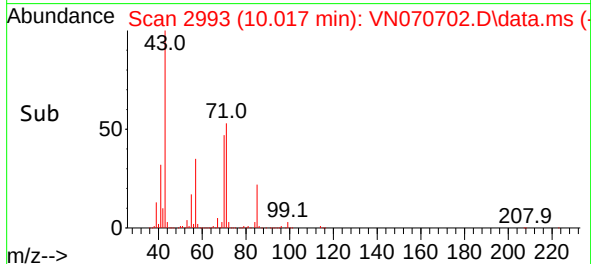
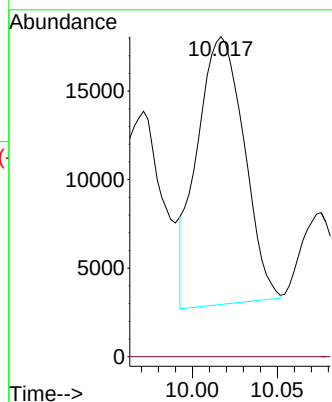
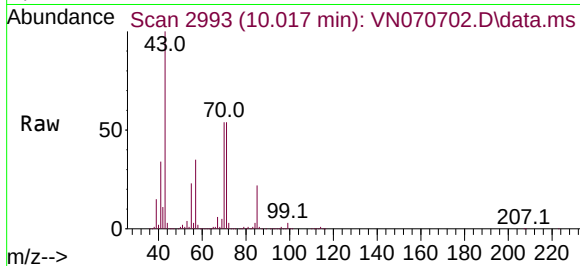




#58
2-Chloroethyl Vinyl ether
Concen: 25.637 ug/l
RT: 10.017 min Scan# 2993
Delta R.T. -0.021 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

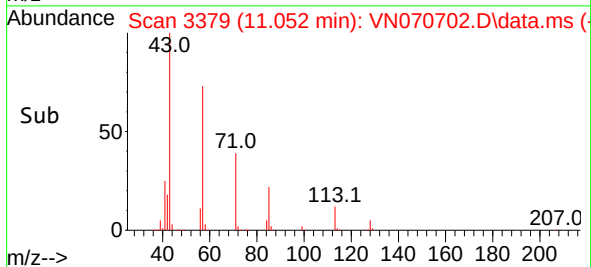
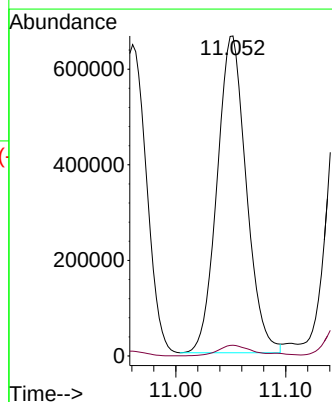
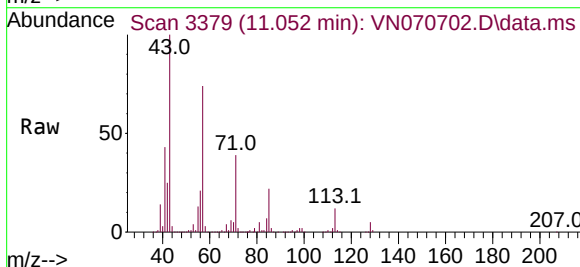
Instrument :
MSVOA_N
ClientSampleId :

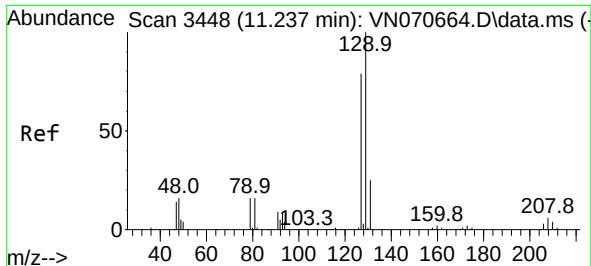
Tgt Ion: 63 Resp: 28959
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 75.865 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. -0.032 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

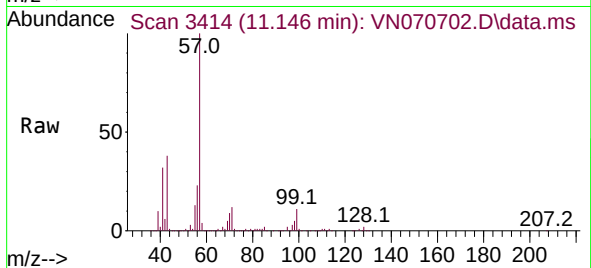
Tgt Ion: 43 Resp: 1222579
Ion Ratio Lower Upper
43 100
58 3.7 26.9 80.7#



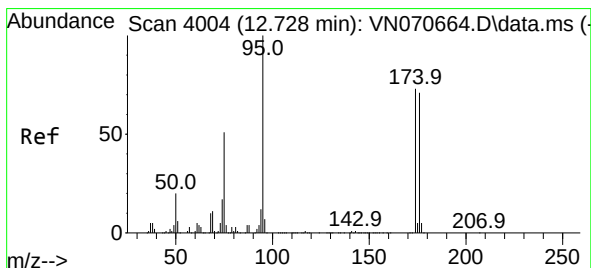
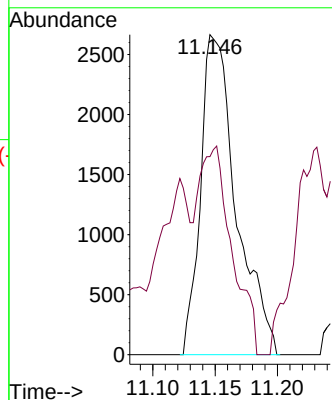
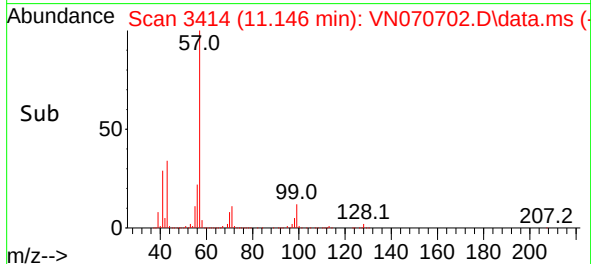


#60
Dibromochloromethane
Concen: 0.456 ug/l
RT: 11.146 min Scan# 3414
Delta R.T. -0.091 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :

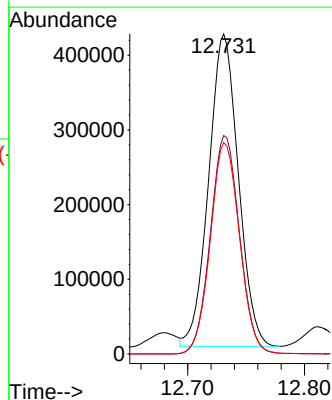
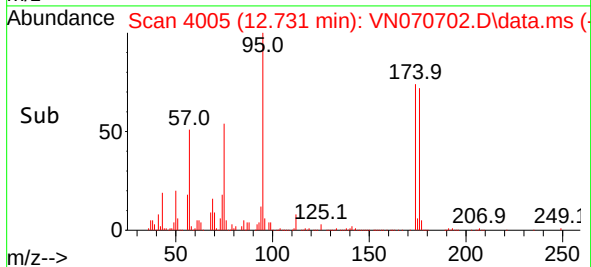
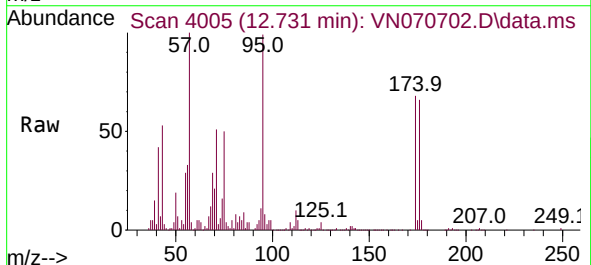


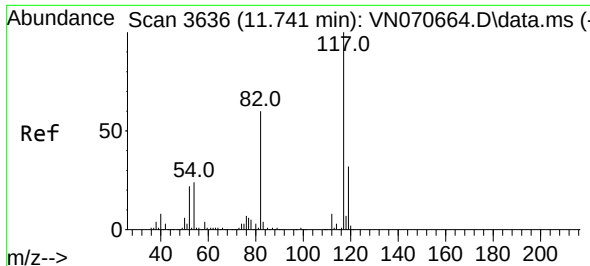
Tgt Ion:129 Resp: 5306
Ion Ratio Lower Upper
129 100
127 60.2 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 48.206 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 95 Resp: 736964
Ion Ratio Lower Upper
95 100
174 69.0 0.0 187.2
176 66.7 0.0 181.4

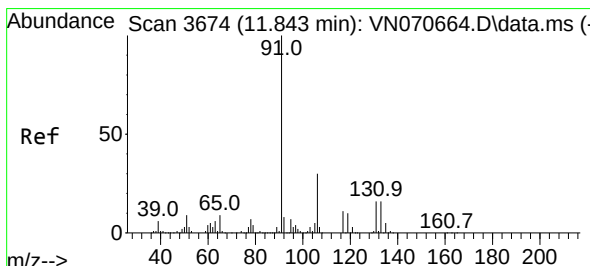
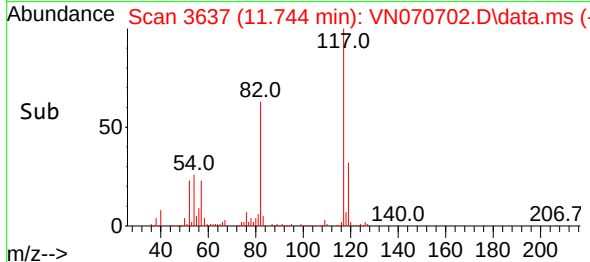
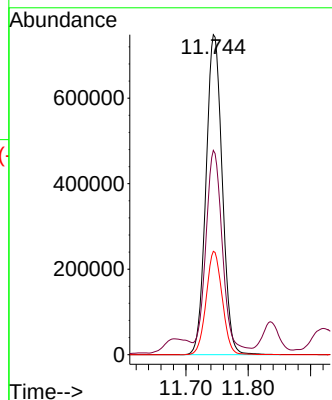
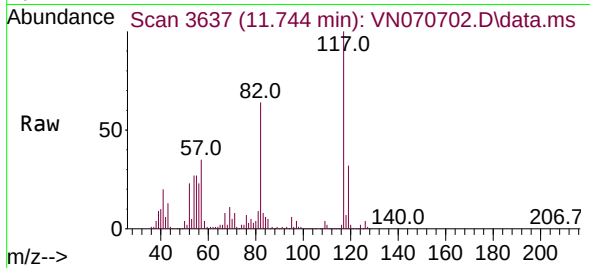




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

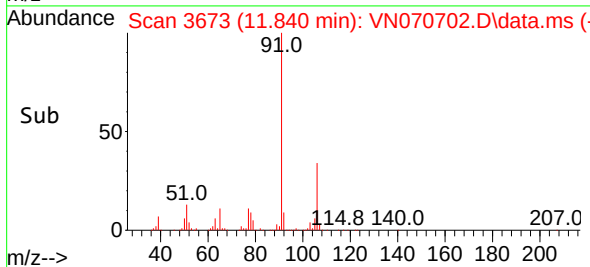
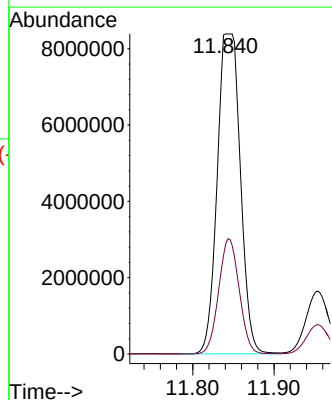
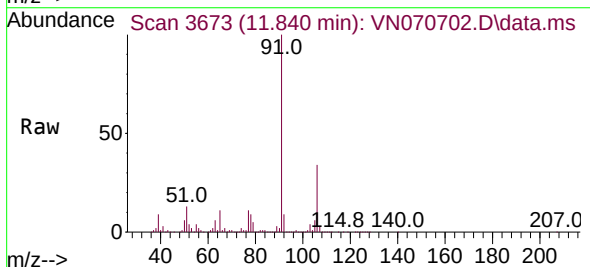
Instrument :
MSVOA_N
ClientSampleId :

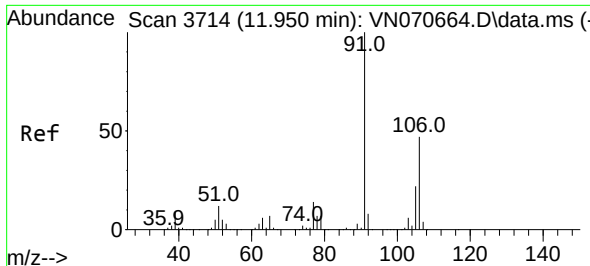
Tgt Ion:117 Resp: 1356113
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.3 25.4 38.2



#67
Ethyl Benzene
Concen: 304.884 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 91 Resp:16608317
Ion Ratio Lower Upper
91 100
106 34.3 25.7 38.5

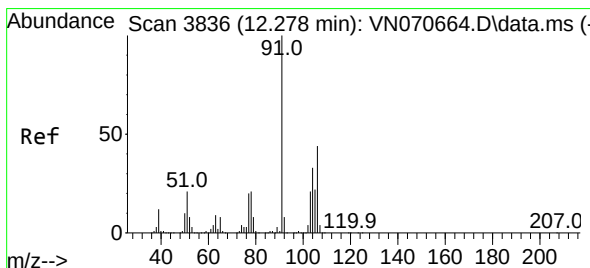
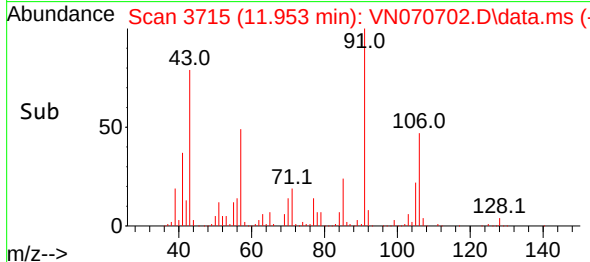
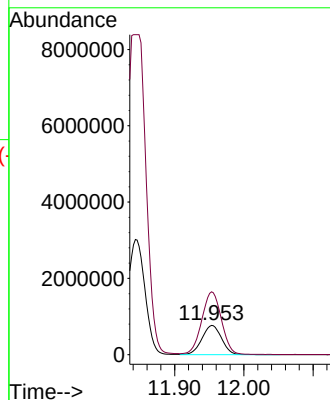
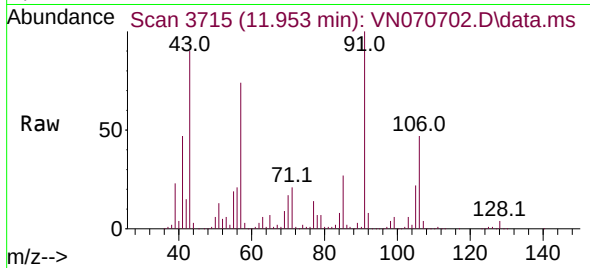




#68
m/p-Xylenes
Concen: 75.986 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

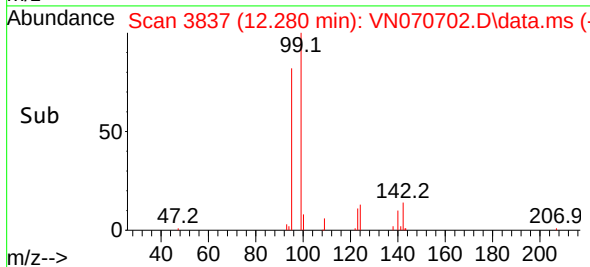
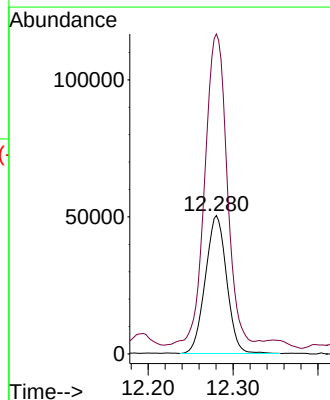
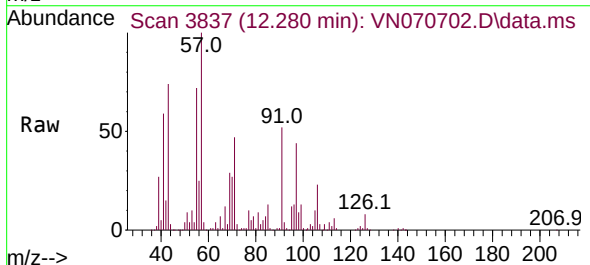
Instrument :
MSVOA_N
ClientSampleId :

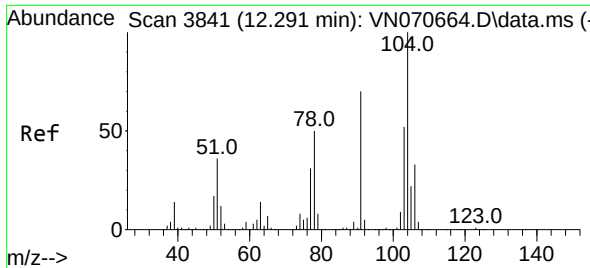
Tgt Ion:106 Resp: 1505809
Ion Ratio Lower Upper
106 100
91 214.7 160.6 240.8



#69
o-Xylene
Concen: 4.453 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion:106 Resp: 87566
Ion Ratio Lower Upper
106 100
91 234.8 105.8 317.3

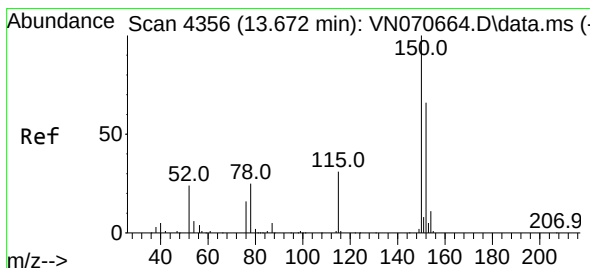
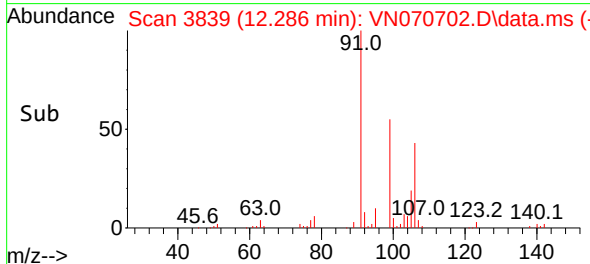
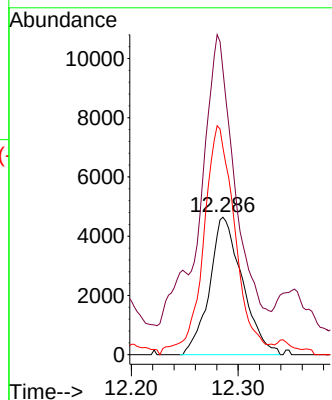
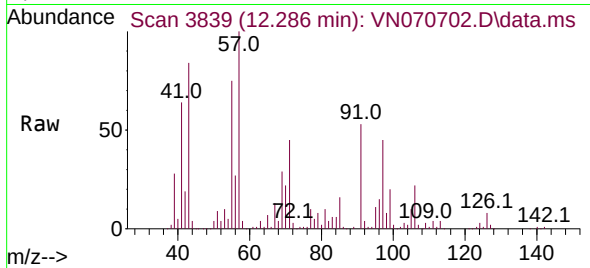




#70
Styrene
Concen: 0.315 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.005 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

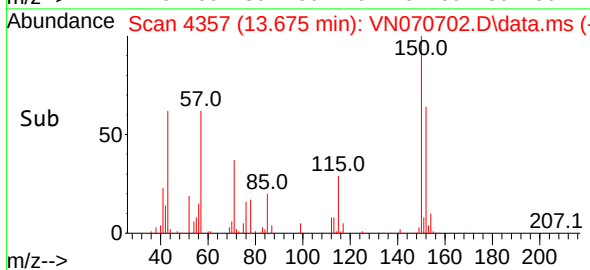
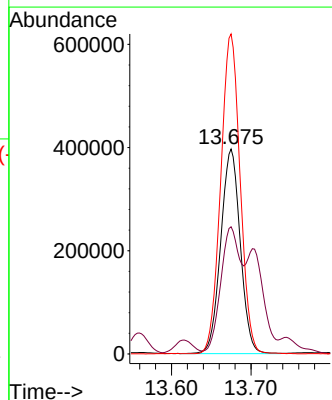
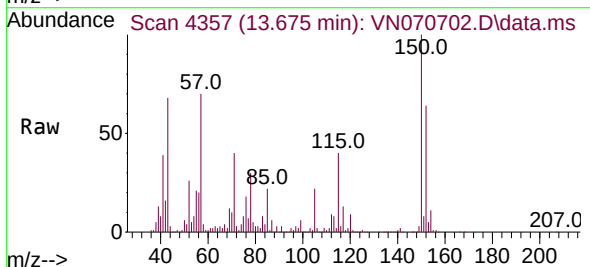
Instrument :
MSVOA_N
ClientSampleId :

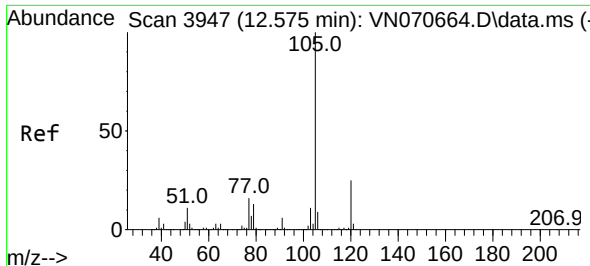
Tgt Ion:104 Resp: 9922
Ion Ratio Lower Upper
104 100
78 173.1 38.7 58.1#
103 160.0 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion:152 Resp: 675838
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 155.5 0.0 344.4

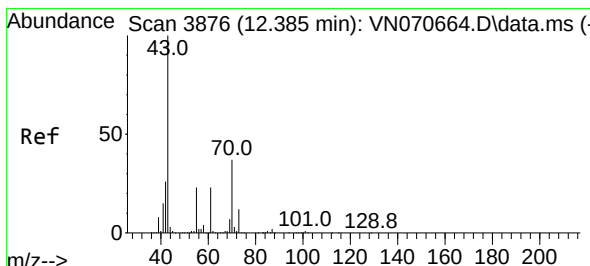
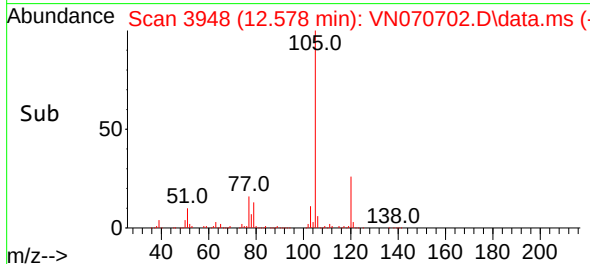
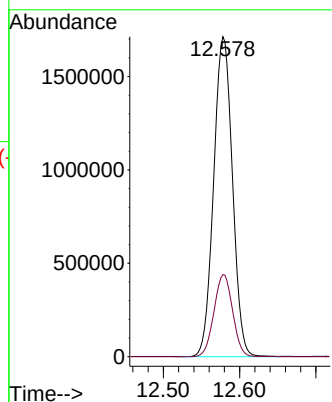
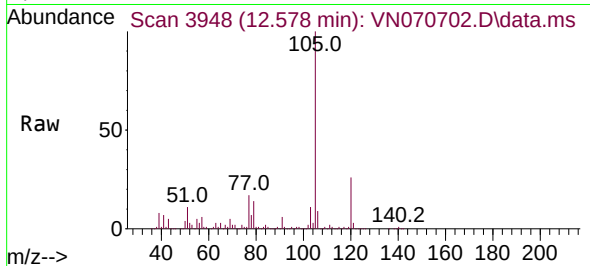




#73
Isopropylbenzene
Concen: 45.770 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

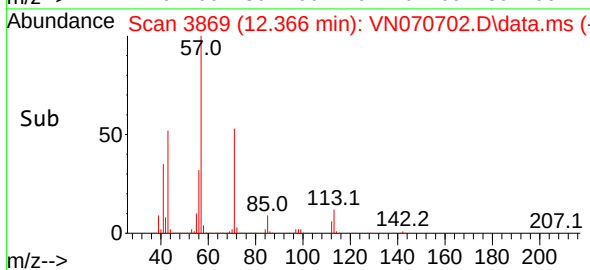
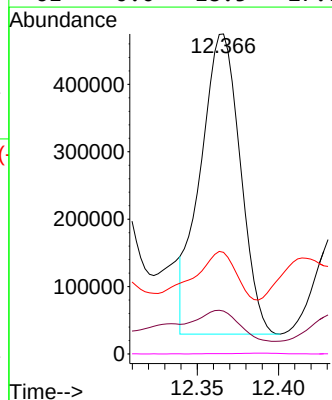
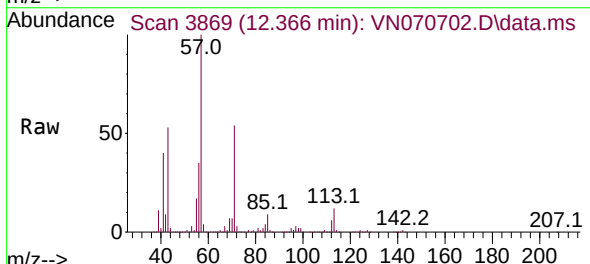
Instrument :
MSVOA_N
ClientSampleId :

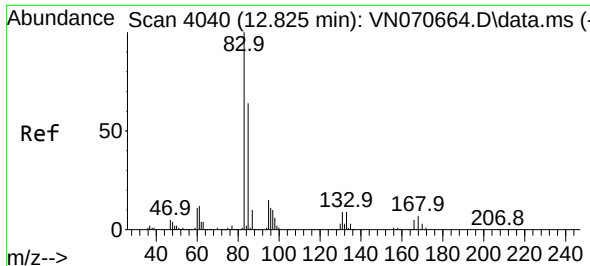
Tgt Ion:105 Resp: 2926431
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 29.110 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.019 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 43 Resp: 760993
Ion Ratio Lower Upper
43 100
70 9.7 33.4 50.0#
55 12.0 19.3 28.9#
61 0.0 18.5 27.7#

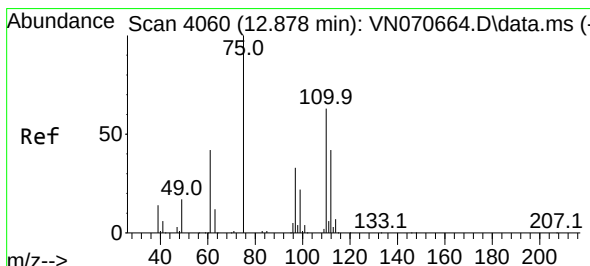
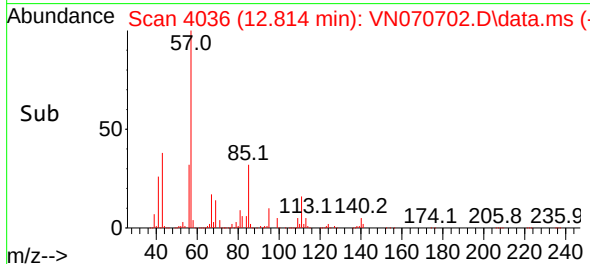
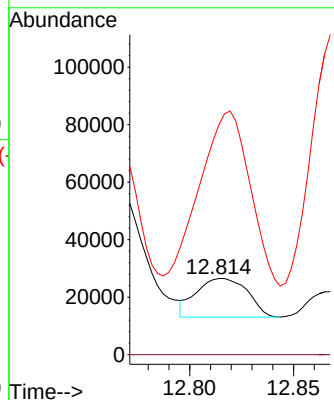
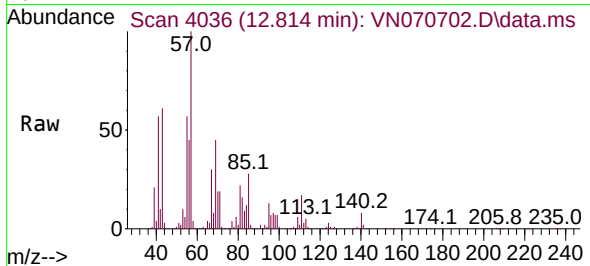




#75
1,1,2,2-Tetrachloroethane
Concen: 1.065 ug/l
RT: 12.814 min Scan# 4036
Delta R.T. -0.011 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

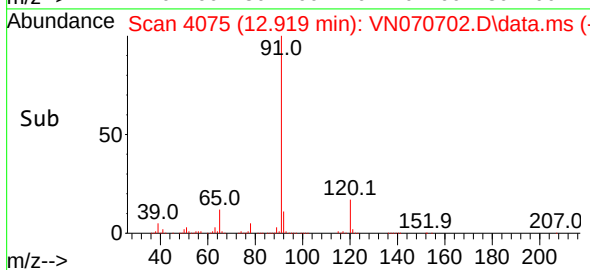
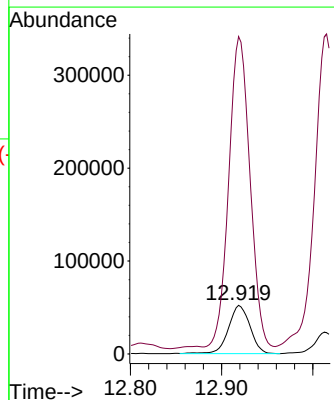
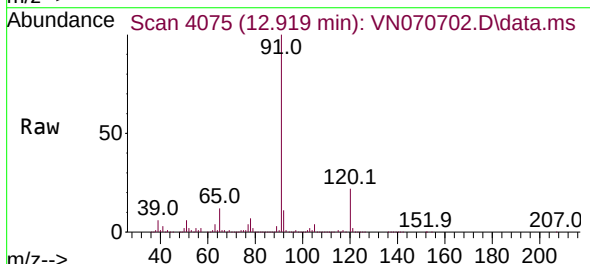
Instrument :
MSVOA_N
ClientSampleId :

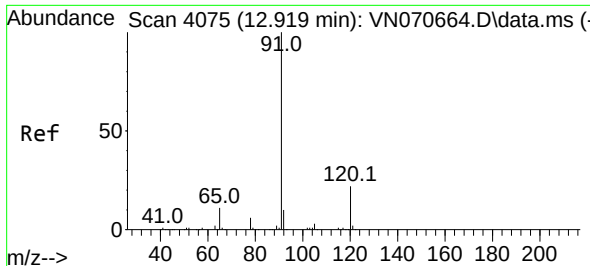
Tgt Ion: 83 Resp: 23005
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 616.6 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 4.740 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.041 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 75 Resp: 84968
Ion Ratio Lower Upper
75 100
77 630.2 82.6 247.8#

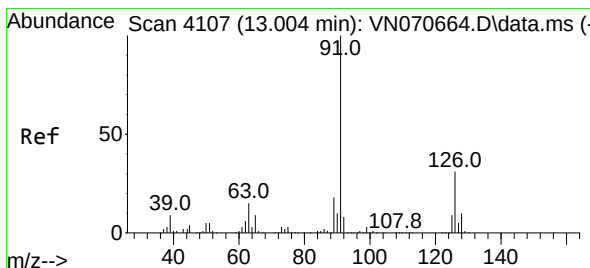
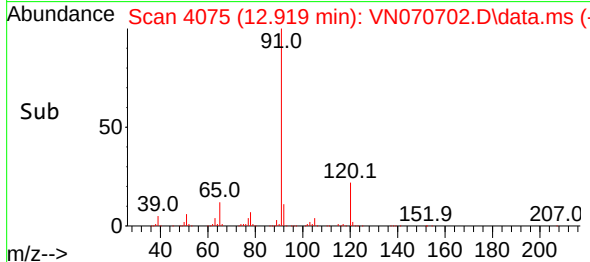
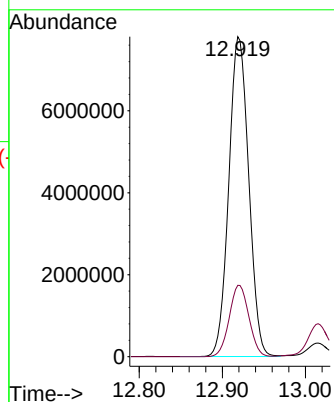
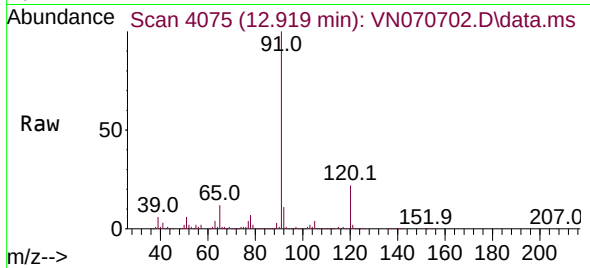




#78
n-propylbenzene
Concen: 181.621 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

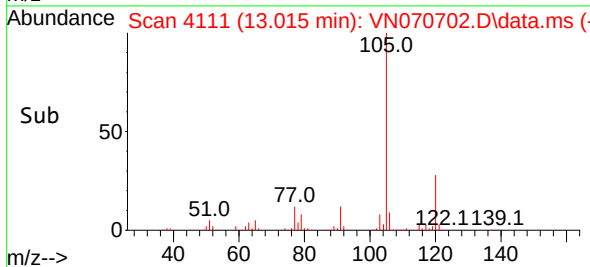
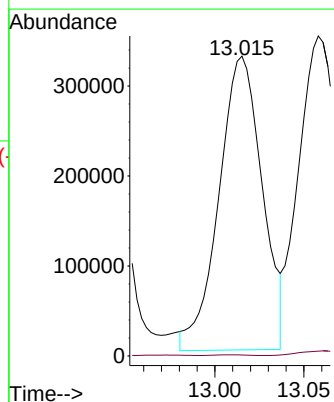
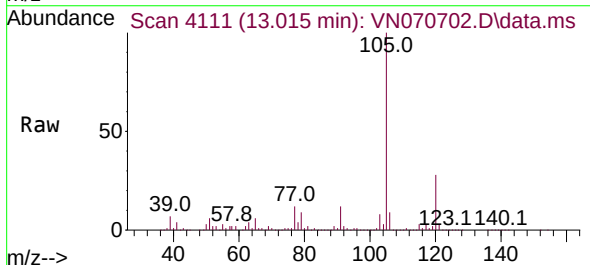
Instrument :
MSVOA_N
ClientSampleId :

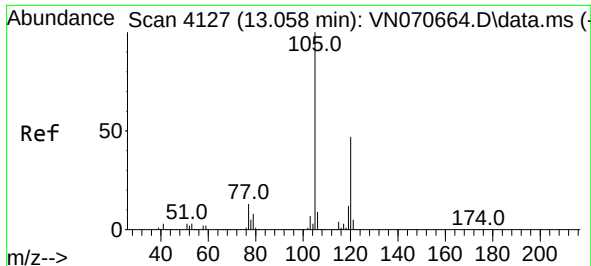
Tgt Ion: 91 Resp:12986732
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9



#79
2-Chlorotoluene
Concen: 12.205 ug/l
RT: 13.015 min Scan# 4111
Delta R.T. 0.011 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 91 Resp: 552037
Ion Ratio Lower Upper
91 100
126 0.2 18.3 54.8#

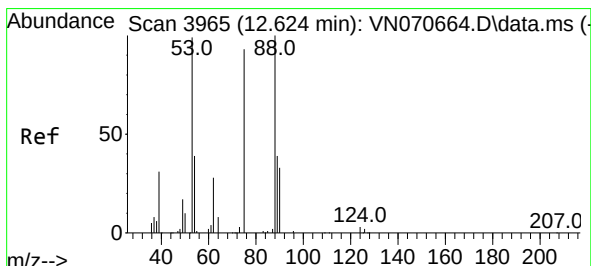
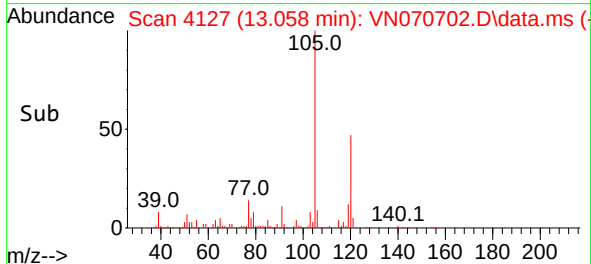
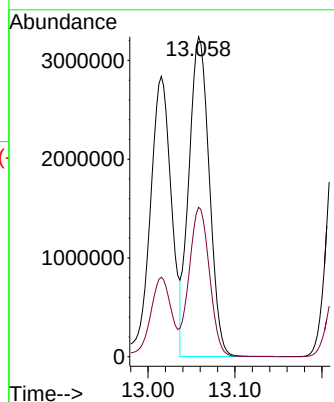
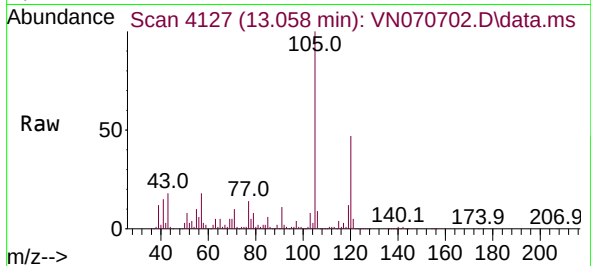




#80
1,3,5-Trimethylbenzene
Concen: 101.777 ug/l
RT: 13.058 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

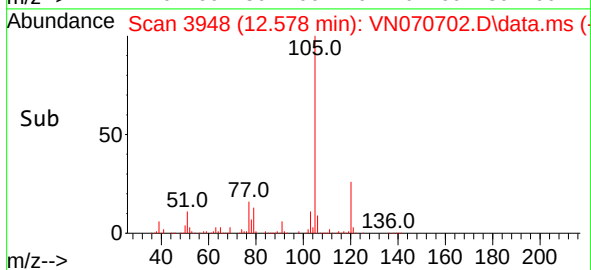
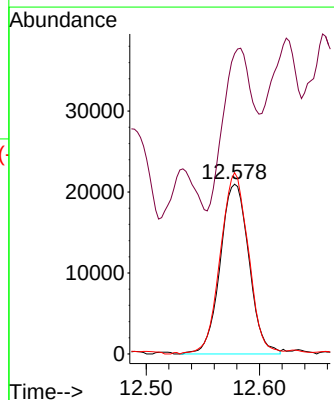
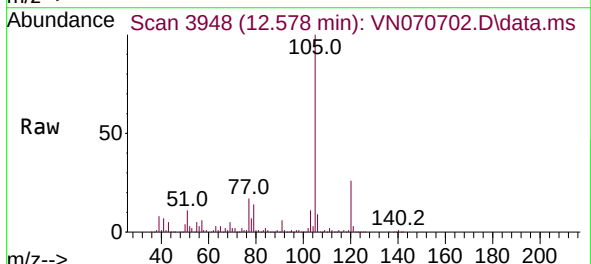
Instrument :
MSVOA_N
ClientSampleId :

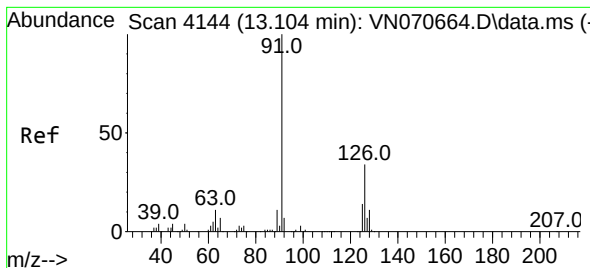
Tgt Ion:105 Resp: 5262397
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 6.148 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.046 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 75 Resp: 36990
Ion Ratio Lower Upper
75 100
53 98.4 90.5 135.7
89 104.5 38.2 57.4#





#82

4-Chlorotoluene

Concen: 13.136 ug/l

RT: 13.058 min Scan# 41

Delta R.T. -0.046 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

Instrument :

MSVOA_N

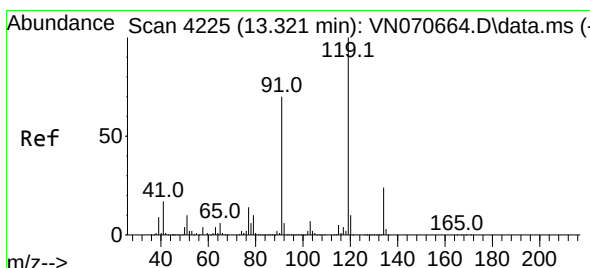
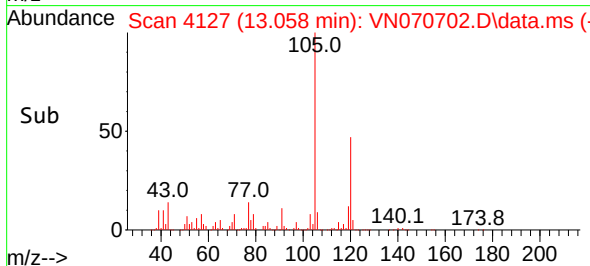
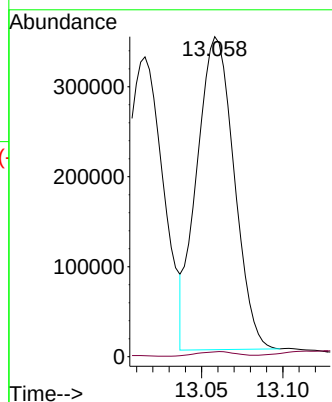
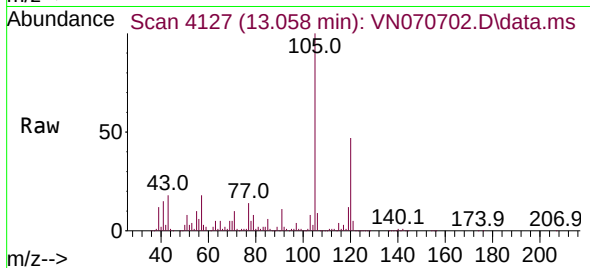
ClientSampleId :

Tgt Ion: 91 Resp: 555147

Ion Ratio Lower Upper

91 100

126 1.5 18.2 54.6#



#83

tert-Butylbenzene

Concen: 8.022 ug/l

RT: 13.367 min Scan# 4242

Delta R.T. 0.046 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

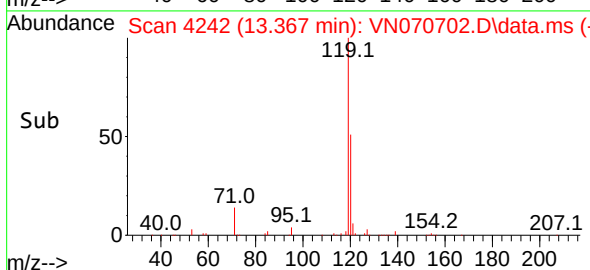
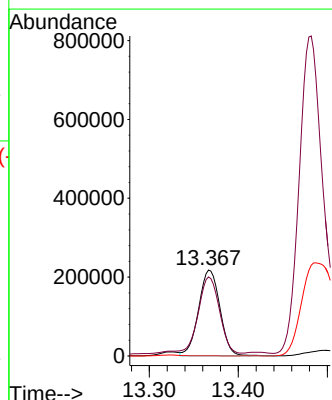
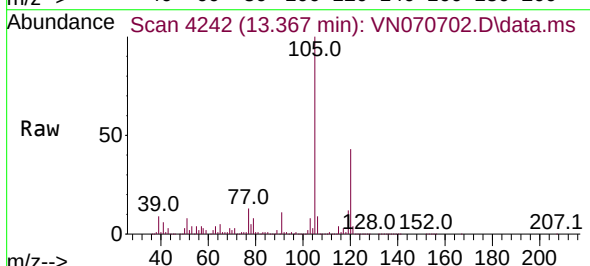
Tgt Ion: 119 Resp: 361052

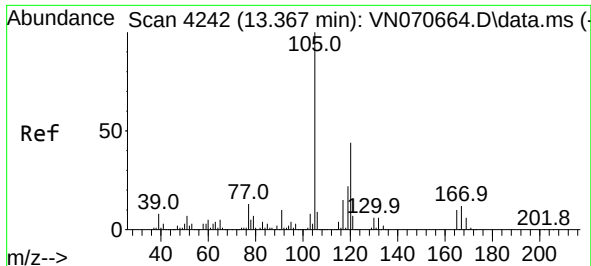
Ion Ratio Lower Upper

119 100

91 93.4 31.5 94.5

134 0.0 12.4 37.4#

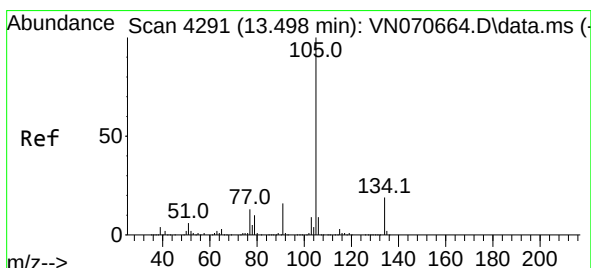
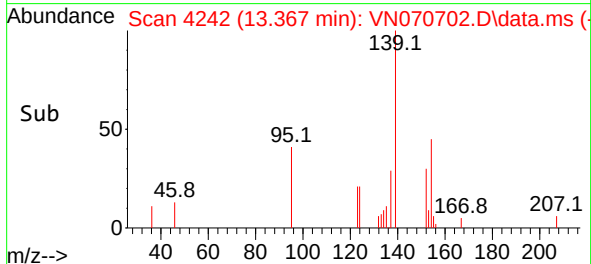
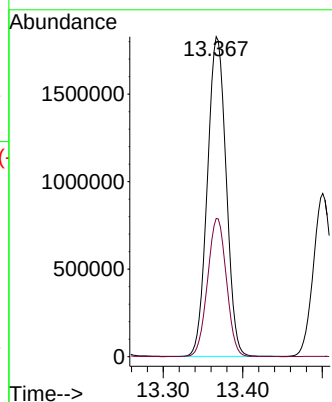
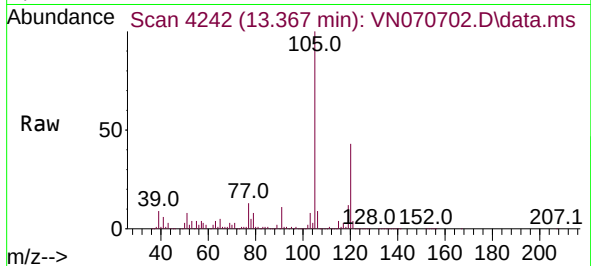




#84
1,2,4-Trimethylbenzene
Concen: 60.316 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

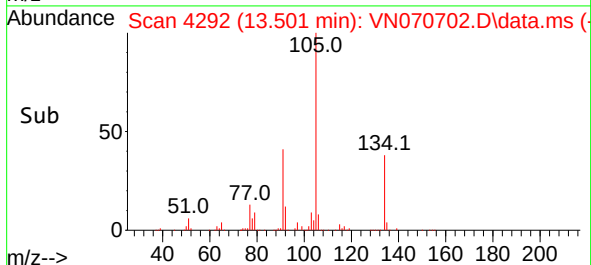
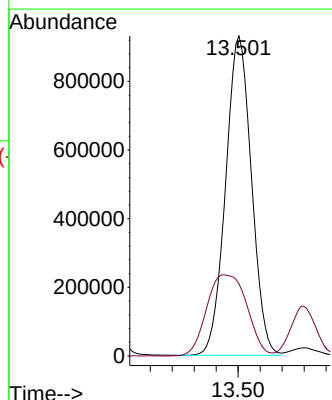
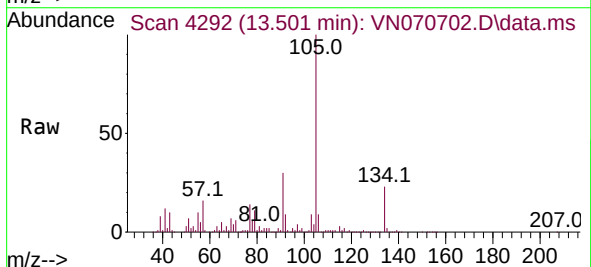
Instrument :
MSVOA_N
ClientSampleId :

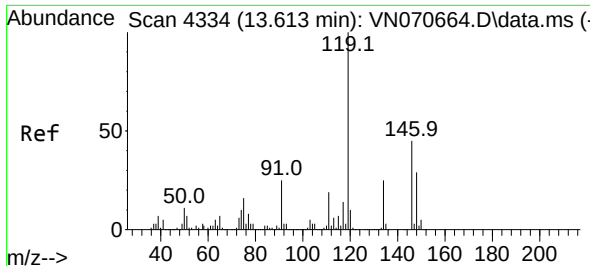
Tgt Ion:105 Resp: 2997710
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4



#85
sec-Butylbenzene
Concen: 24.812 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion:105 Resp: 1518224
Ion Ratio Lower Upper
105 100
134 39.6 10.4 31.1#

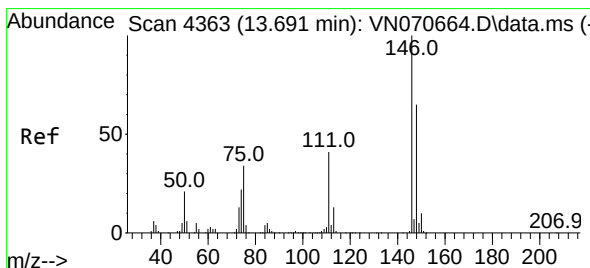
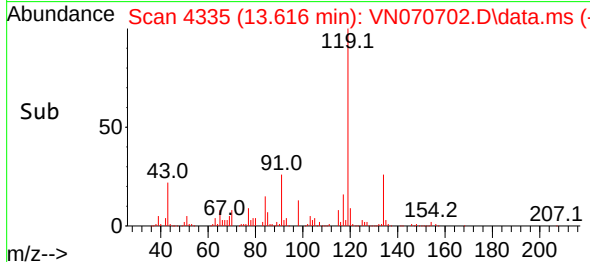
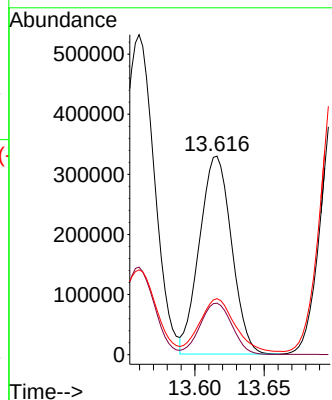
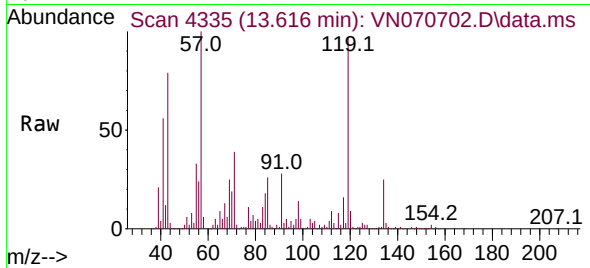




#86
p-Isopropyltoluene
Concen: 11.046 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

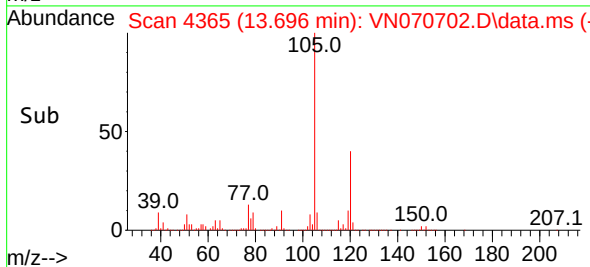
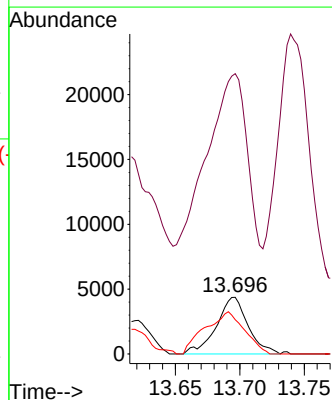
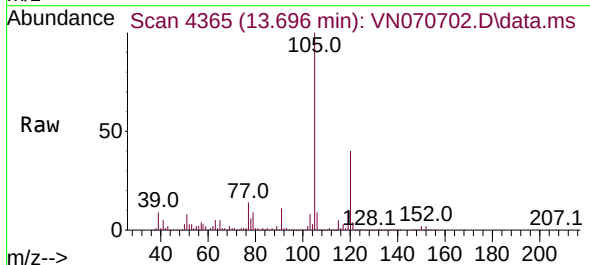
Instrument :
MSVOA_N
ClientSampleId :

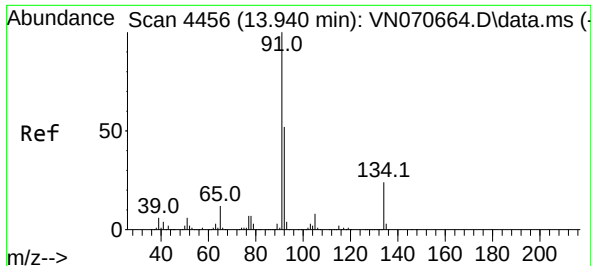
Tgt Ion:119 Resp: 530967
Ion Ratio Lower Upper
119 100
134 25.8 13.6 40.7
91 28.3 11.4 34.1



#88
1,4-Dichlorobenzene
Concen: 0.315 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.005 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion:146 Resp: 7477
Ion Ratio Lower Upper
146 100
111 373.5 18.3 54.8#
148 92.4 31.8 95.4





#89

n-Butylbenzene

Concen: 109.752 ug/l

RT: 13.940 min Scan# 4456

Delta R.T. 0.000 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

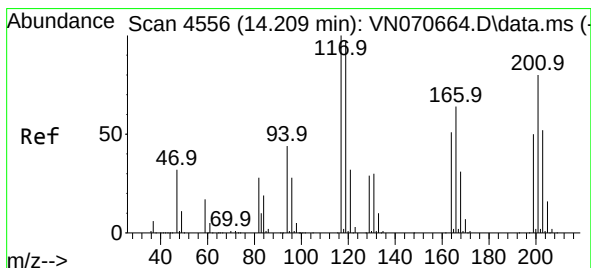
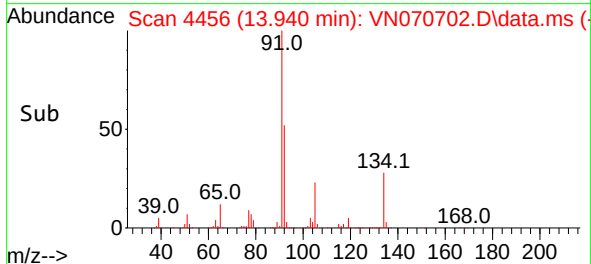
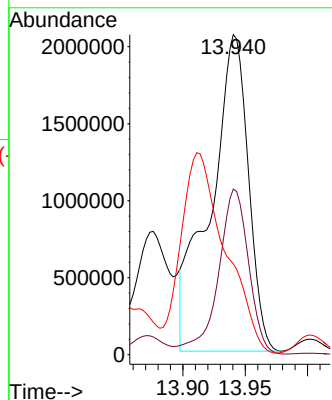
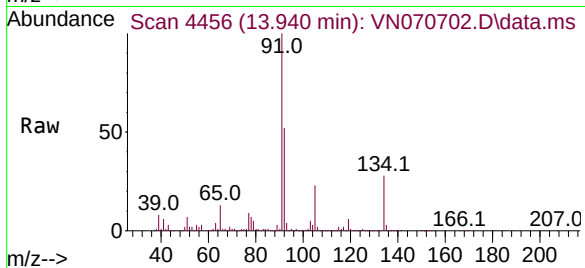
Tgt Ion: 91 Resp: 4352112

Ion Ratio Lower Upper

91 100

92 41.7 25.4 76.0

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 113.716 ug/l

RT: 14.217 min Scan# 4559

Delta R.T. 0.008 min

Lab File: VN070702.D

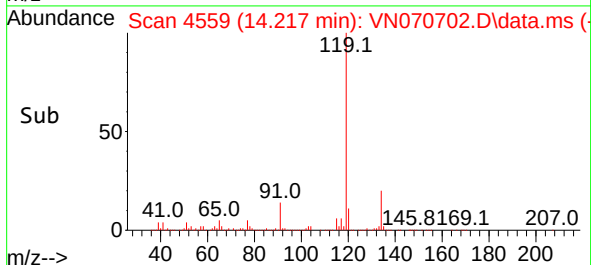
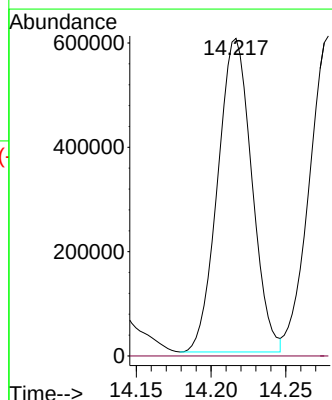
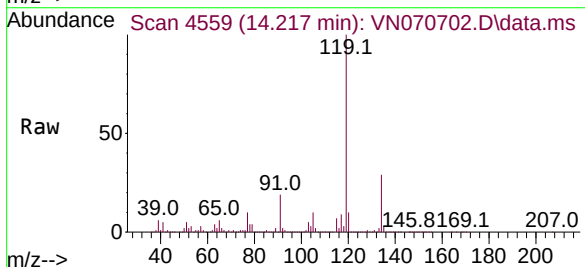
Acq: 19 Jan 2022 16:12

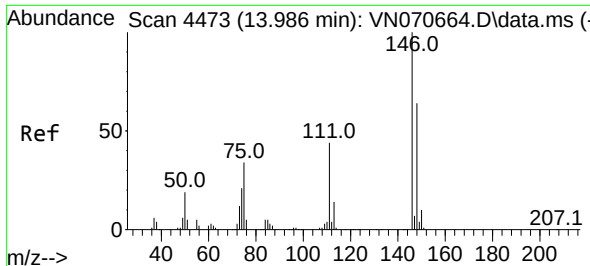
Tgt Ion: 117 Resp: 955477

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#

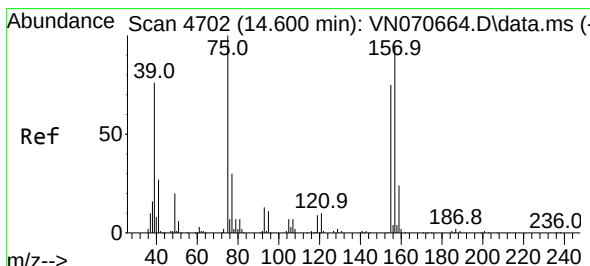
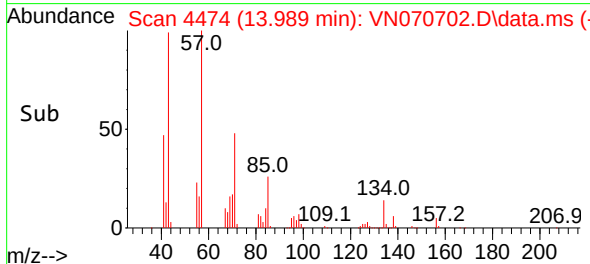
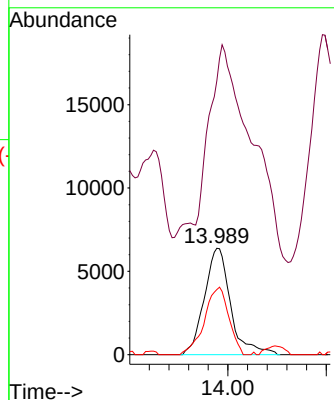
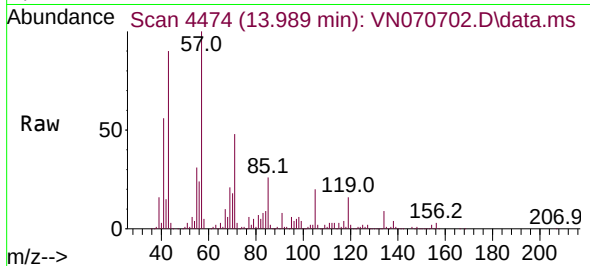




#91
1,2-Dichlorobenzene
Concen: 0.502 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

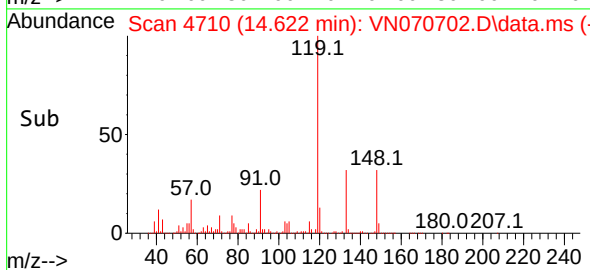
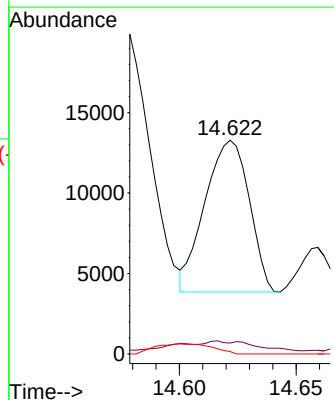
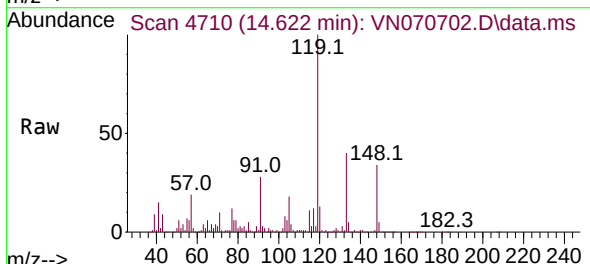
Instrument :
MSVOA_N
ClientSampleId :

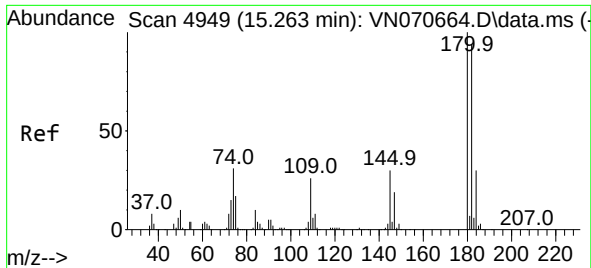
Tgt Ion:146 Resp: 11820
Ion Ratio Lower Upper
146 100
111 334.0 19.1 57.3#
148 58.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.401 ug/l
RT: 14.622 min Scan# 4710
Delta R.T. 0.022 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 75 Resp: 12458
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#

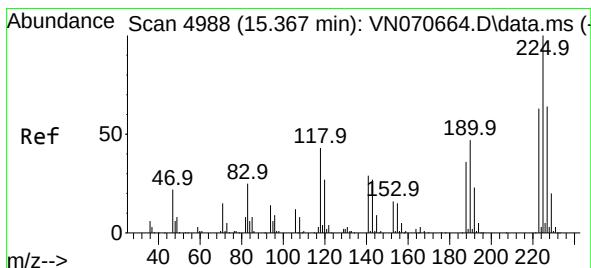
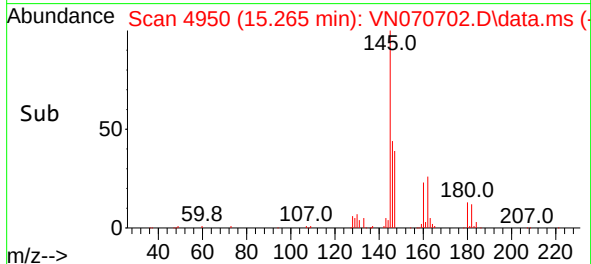
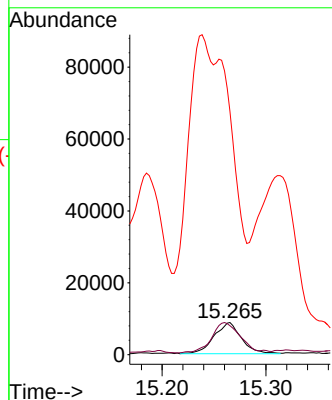
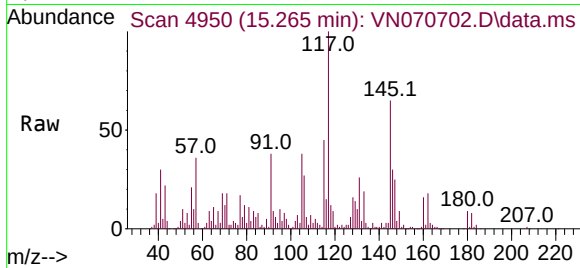




#93
 1,2,4-Trichlorobenzene
 Concen: 4.606 ug/l
 RT: 15.265 min Scan# 4949
 Delta R.T. 0.002 min
 Lab File: VN070702.D
 Acq: 19 Jan 2022 16:12

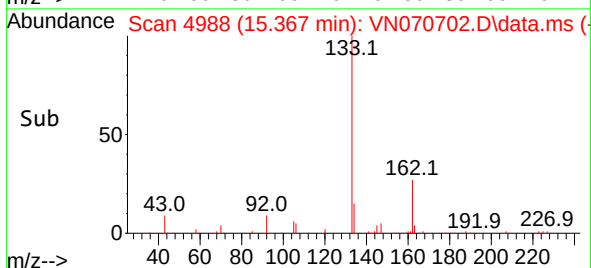
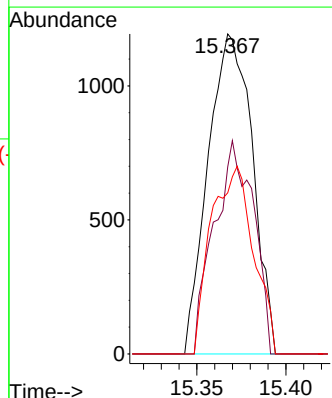
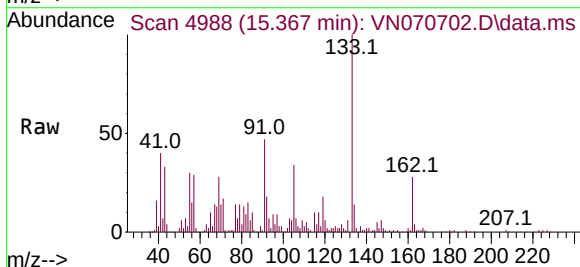
Instrument :
 MSVOA_N
 ClientSampleId :

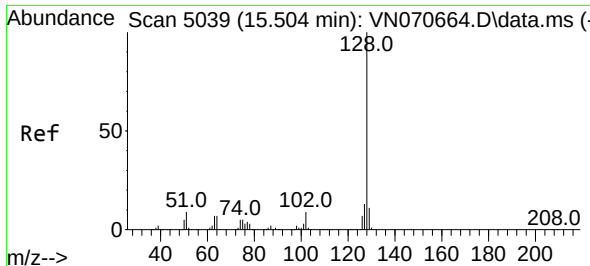
Tgt Ion:180 Resp: 15832
 Ion Ratio Lower Upper
 180 100
 182 99.7 48.3 144.9
 145 0.0 14.5 43.5#



#94
 Hexachlorobutadiene
 Concen: 0.296 ug/l
 RT: 15.367 min Scan# 4988
 Delta R.T. 0.000 min
 Lab File: VN070702.D
 Acq: 19 Jan 2022 16:12

Tgt Ion:225 Resp: 2067
 Ion Ratio Lower Upper
 225 100
 223 59.3 31.9 95.7
 227 56.2 32.1 96.3

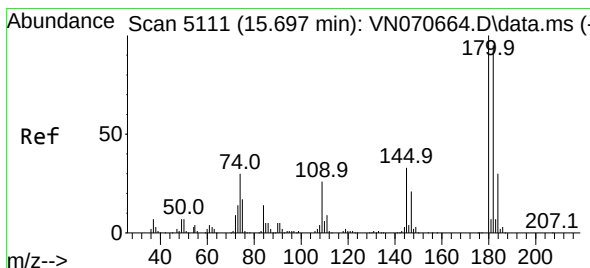
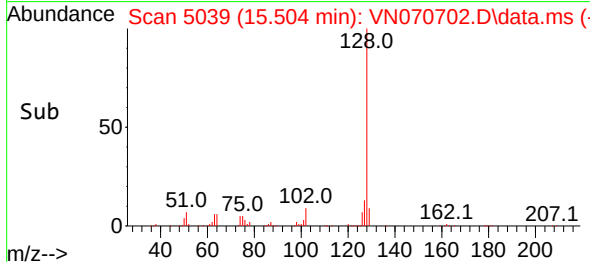
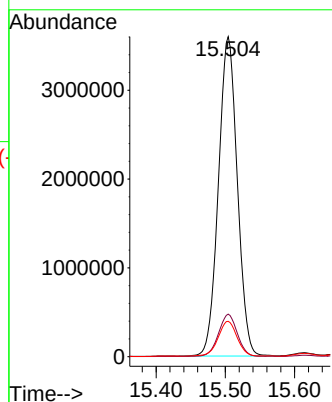
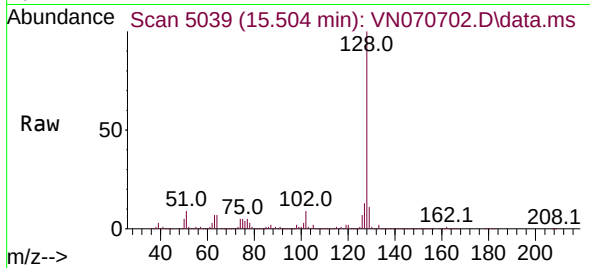




#95
Naphthalene
Concen: 180.264 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6818832
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.716 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion:180 Resp: 19131
Ion Ratio Lower Upper
180 100
182 90.4 47.4 142.2
145 0.0 15.0 45.1#

