

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070169.D
 Acq On : 17 Dec 2021 17:27
 Operator : JC/MD
 Sample : M5039-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:46:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	847396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1436188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1291323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	453522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	686469	52.467	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.940%	
35) Dibromofluoromethane	8.024	113	451605	50.201	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.400%	
50) Toluene-d8	10.443	98	1743161	48.258	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.520%	
62) 4-Bromofluorobenzene	12.731	95	579980	44.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.640%	

Target Compounds				Qvalue		
3) Chloromethane	2.303	50	2826	0.228	ug/l #	85
11) Tert butyl alcohol	5.388	59	2115593	855.422	ug/l	99
13) Acrolein	4.036	56	1330	0.631	ug/l #	52
15) Acrylonitrile	5.605	53	8843	1.327	ug/l #	1
16) Acetone	4.291	43	2104	0.267	ug/l #	71
19) Methyl tert-butyl Ether	5.618	73	1774979	56.555	ug/l	96
22) Diisopropyl ether	6.503	45	83336	2.344	ug/l #	87
23) Vinyl Acetate	6.503	43	43193	1.493	ug/l #	72
30) Chloroform	7.785	83	8289	0.446	ug/l #	18
31) Cyclohexane	8.088	56	22952	1.261	ug/l #	27
36) 1,1-Dichloropropene	8.086	75	71514	5.231	ug/l #	48
38) Carbon Tetrachloride	8.086	117	87253	6.508	ug/l #	16
40) Benzene	8.461	78	51801	1.240	ug/l	97
43) Isopropyl Acetate	8.539	43	112182	3.725	ug/l #	57
47) Bromodichloromethane	9.751	83	4075	0.292	ug/l #	25
51) 4-Methyl-2-Pentanone	10.440	43	10116	0.518	ug/l #	1
53) t-1,3-Dichloropropene	10.730	75	25	2.796	ug/l #	1
54) cis-1,3-Dichloropropene	10.191	75	142	2.006	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	3132	0.304	ug/l #	20
56) Ethyl methacrylate	10.875	69	1753	2.365	ug/l #	38
58) 2-Chloroethyl Vinyl ether	10.017	63	312	18.444	ug/l #	45
59) 2-Hexanone	11.210	43	7956	0.538	ug/l	71
60) Dibromochloromethane	10.977	129	316	2.403	ug/l #	11
67) Ethyl Benzene	11.846	91	47211	0.992	ug/l	96
68) m/p-Xylenes	11.956	106	49964	2.884	ug/l	87
69) o-Xylene	12.280	106	5866	0.336	ug/l	86
71) Bromoform	12.728	173	979	2.848	ug/l #	1
73) Isopropylbenzene	12.581	105	29488	0.731	ug/l	99
76) 1,2,3-Trichloropropane	12.731	75	322624	24.806	ug/l #	1
78) n-propylbenzene	12.921	91	27238	0.607	ug/l	99
80) 1,3,5-Trimethylbenzene	13.058	105	16956	0.522	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.731	75	322624	78.653	ug/l #	5
83) tert-Butylbenzene	13.323	119	11071	0.385	ug/l	87
84) 1,2,4-Trimethylbenzene	13.369	105	64771	2.094	ug/l	96
85) sec-Butylbenzene	13.506	105	16126	0.413	ug/l	85
86) p-Isopropyltoluene	13.774	119	24828	0.814	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

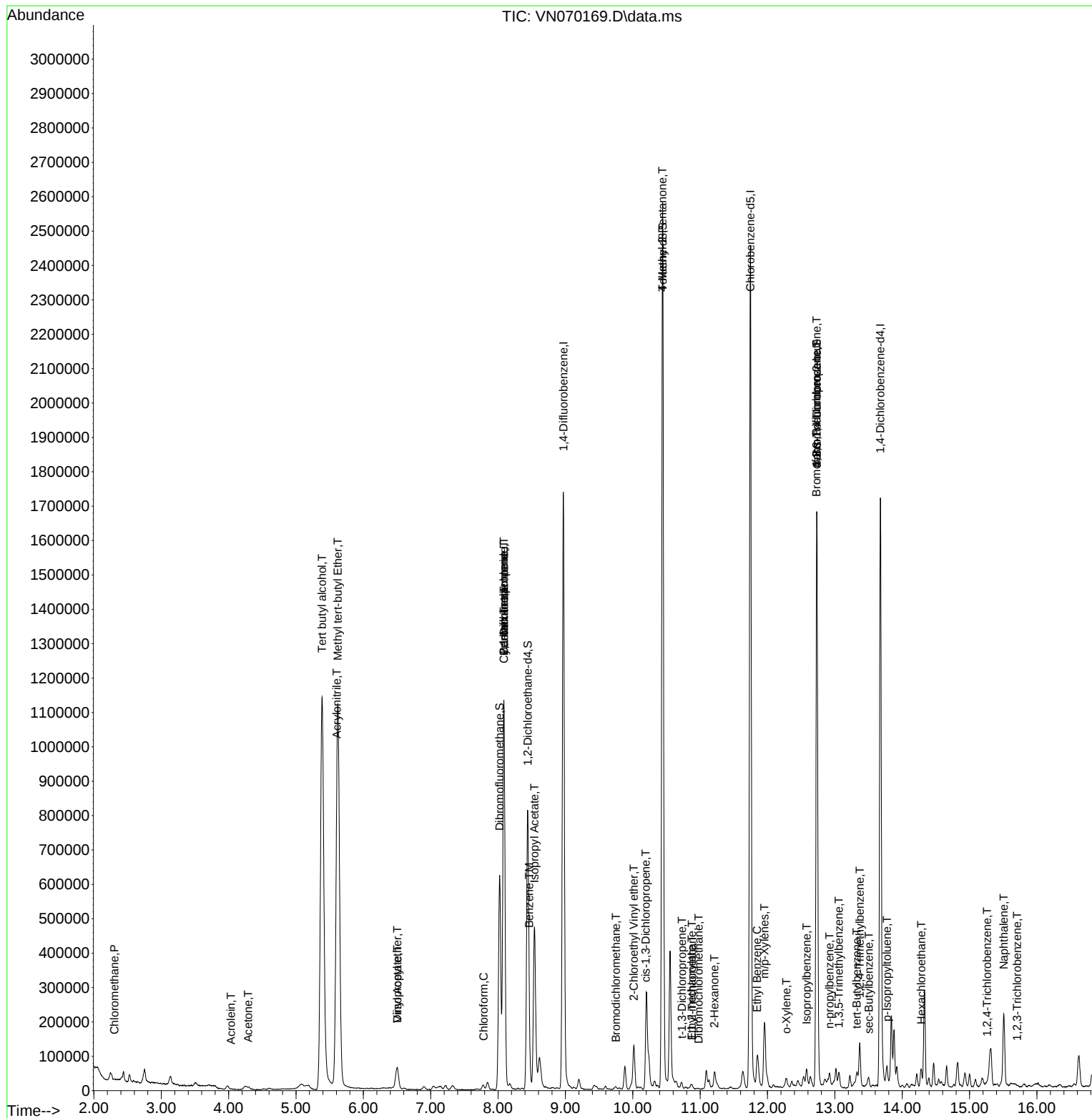
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.281	117	20771	3.880	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.260	180	577	2.951	ug/l #	1
95) Naphthalene	15.507	128	199093	12.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	840	2.546	ug/l #	31

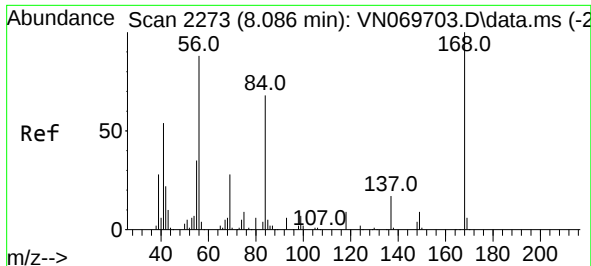
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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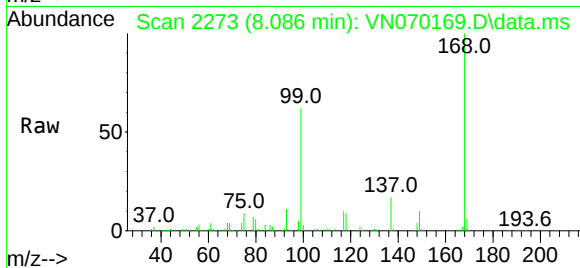
Quant Time: Dec 18 05:46:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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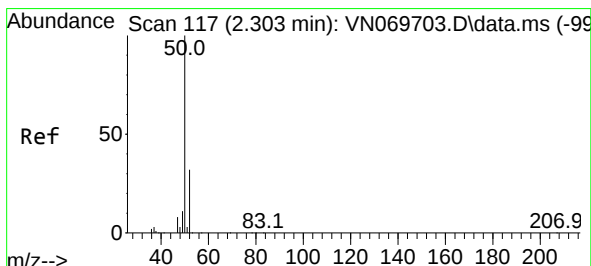
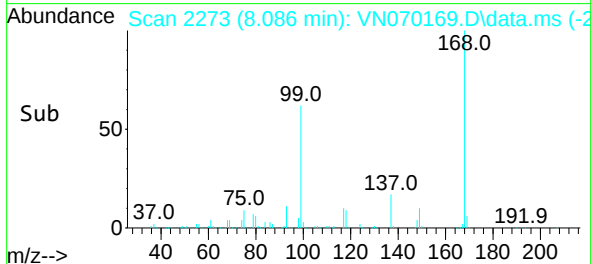
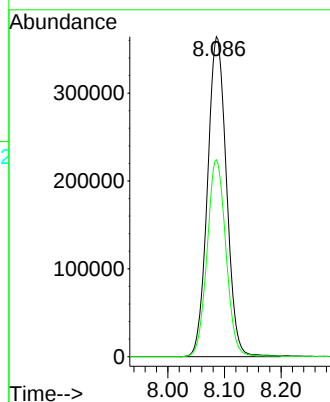


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Instrument :
MSVOA_N
ClientSampleId :

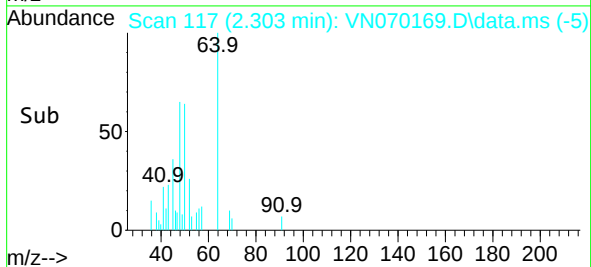
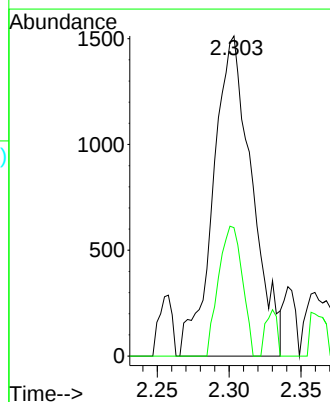
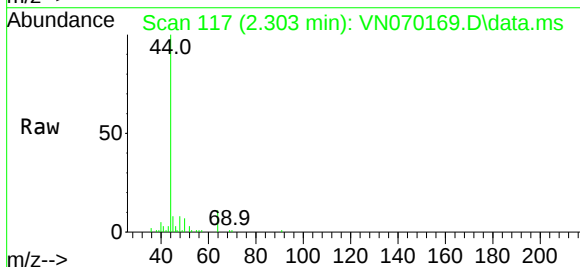


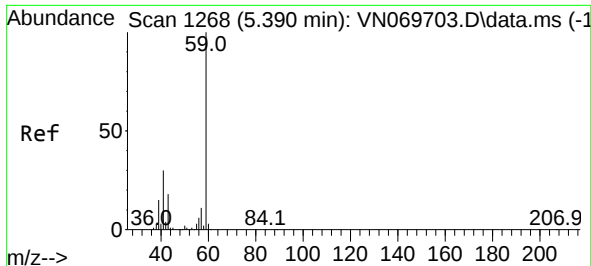
Tgt Ion:168 Resp: 847396
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion: 50 Resp: 2826
Ion Ratio Lower Upper
50 100
52 40.1 25.4 38.0#





#11

Tert butyl alcohol

Concen: 855.422 ug/l

RT: 5.388 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN070169.D

Acq: 17 Dec 2021 17:27

Instrument :

MSVOA_N

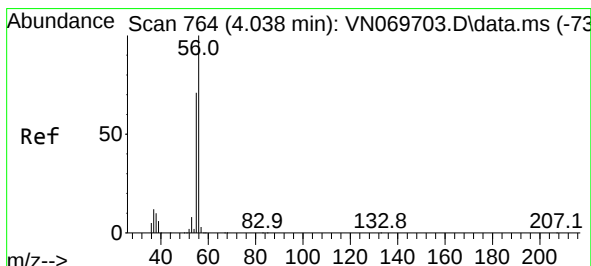
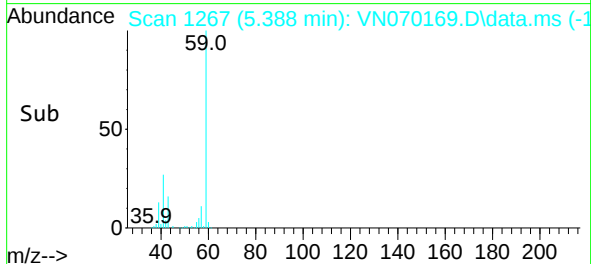
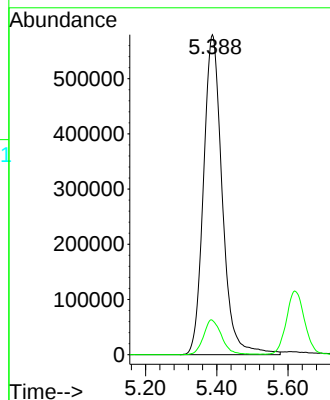
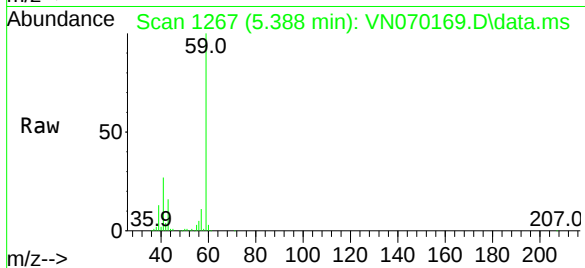
ClientSampleId :

Tgt Ion: 59 Resp: 2115593

Ion Ratio Lower Upper

59 100

57 10.5 8.7 13.1



#13

Acrolein

Concen: 0.631 ug/l

RT: 4.036 min Scan# 763

Delta R.T. -0.003 min

Lab File: VN070169.D

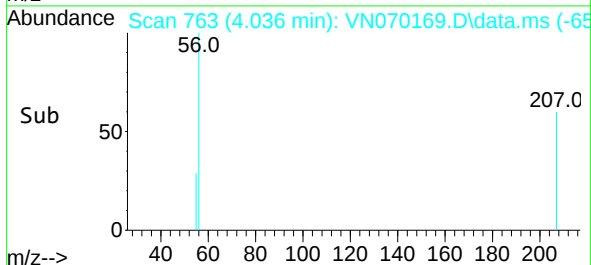
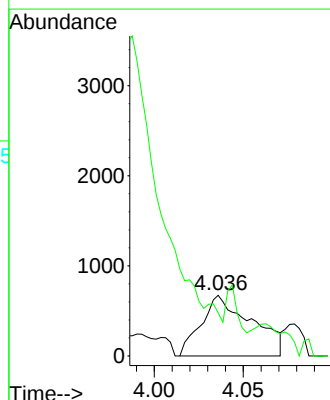
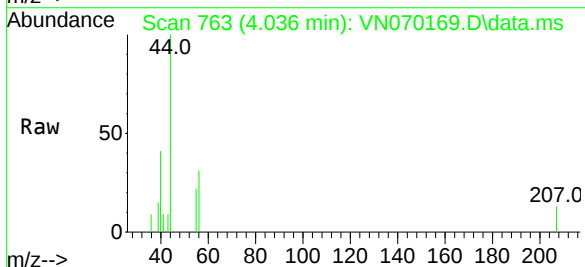
Acq: 17 Dec 2021 17:27

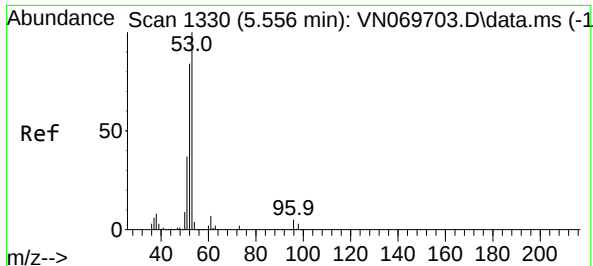
Tgt Ion: 56 Resp: 1330

Ion Ratio Lower Upper

56 100

55 31.0 56.6 85.0#

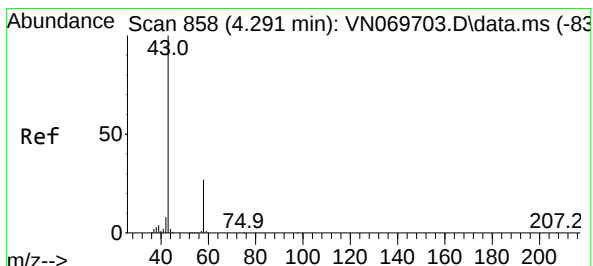
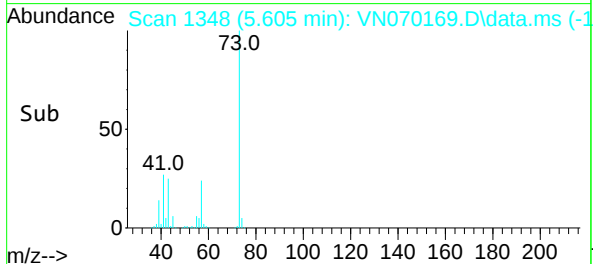
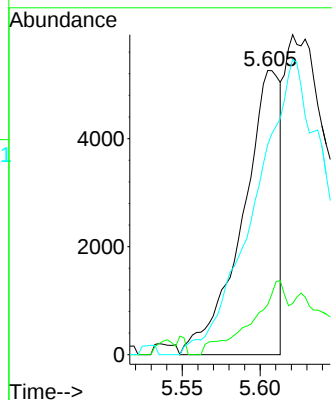
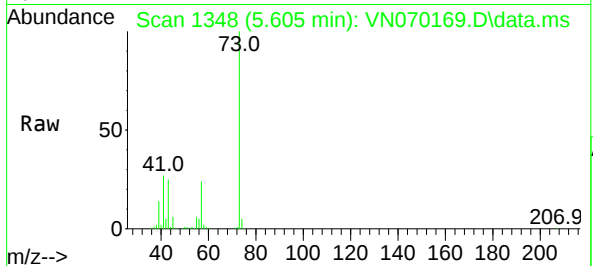




#15
Acrylonitrile
Concen: 1.327 ug/l
RT: 5.605 min Scan# 11
Delta R.T. 0.048 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

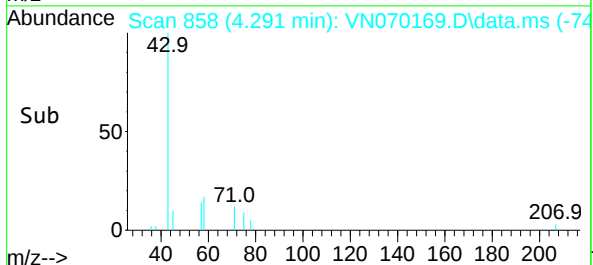
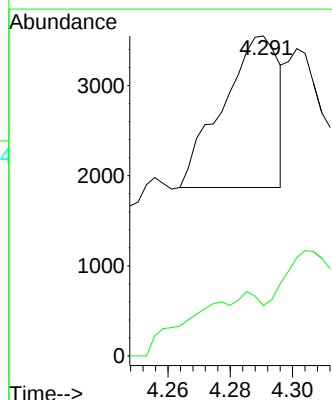
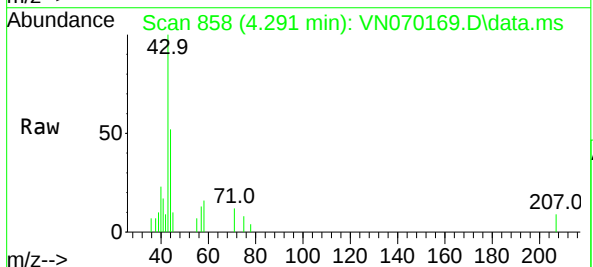
Instrument :
MSVOA_N
ClientSampleId :

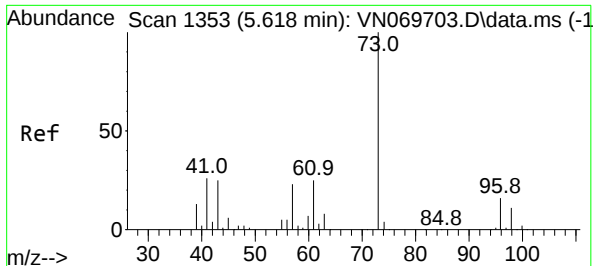
Tgt Ion: 53 Resp: 8843
Ion Ratio Lower Upper
53 100
52 24.0 66.2 99.2#
51 205.4 29.6 44.4#



#16
Acetone
Concen: 0.267 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 13.6 23.1 34.7#





#19

Methyl tert-butyl Ether

Concen: 56.555 ug/l

RT: 5.618 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN070169.D

Acq: 17 Dec 2021 17:27

Instrument :

MSVOA_N

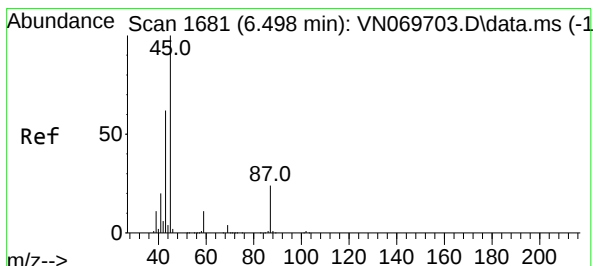
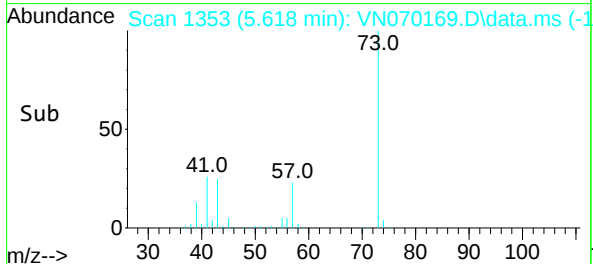
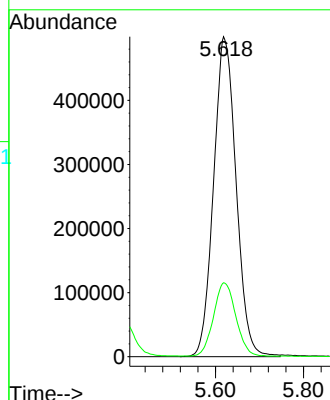
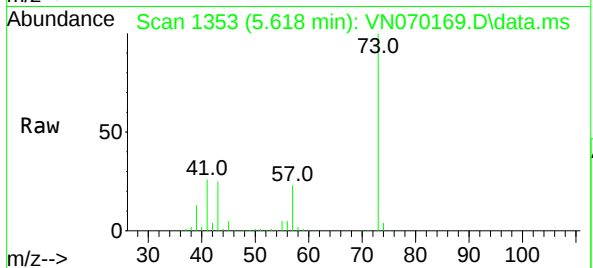
ClientSampleId :

Tgt Ion: 73 Resp: 1774979

Ion Ratio Lower Upper

73 100

57 22.9 16.8 25.2



#22

Diisopropyl ether

Concen: 2.344 ug/l

RT: 6.503 min Scan# 1683

Delta R.T. 0.005 min

Lab File: VN070169.D

Acq: 17 Dec 2021 17:27

Tgt Ion: 45 Resp: 83336

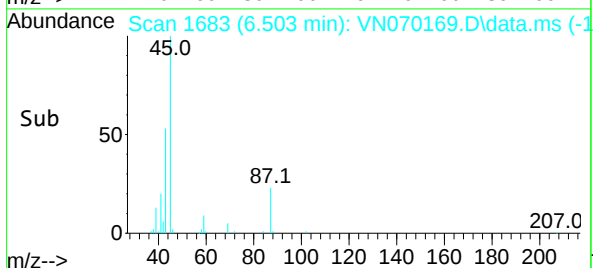
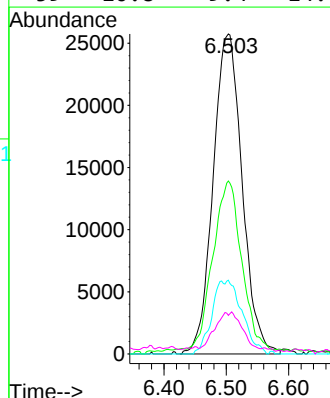
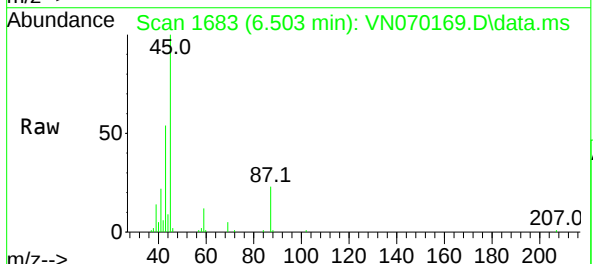
Ion Ratio Lower Upper

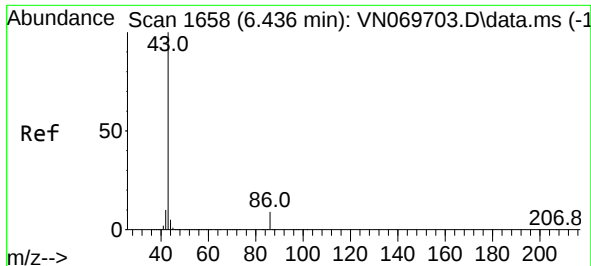
45 100

43 52.6 51.7 77.5

87 23.0 23.2 34.8#

59 10.8 9.4 14.0

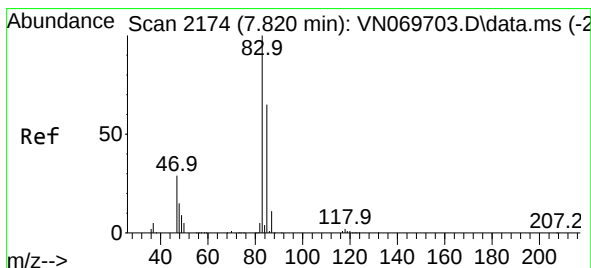
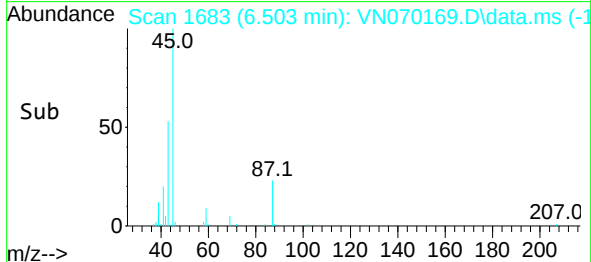
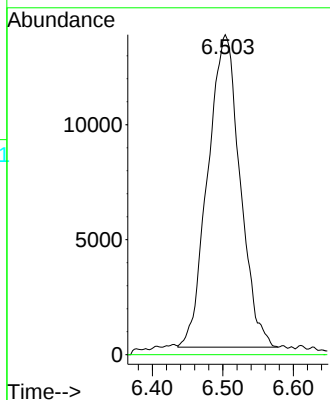
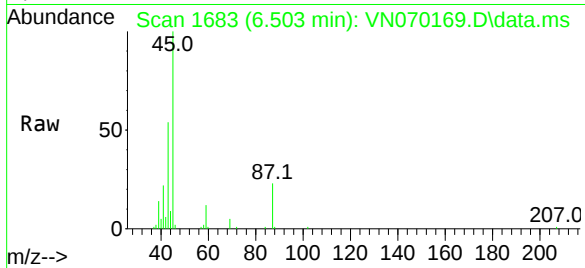




#23
 Vinyl Acetate
 Concen: 1.493 ug/l
 RT: 6.503 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27

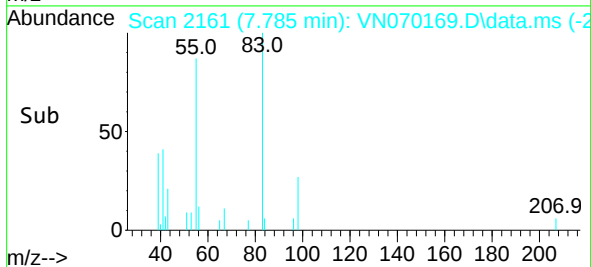
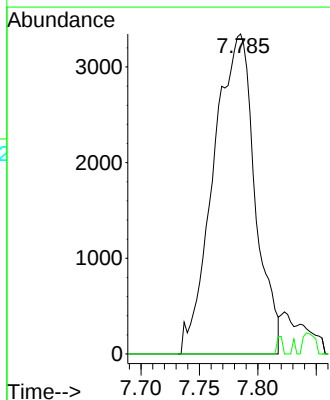
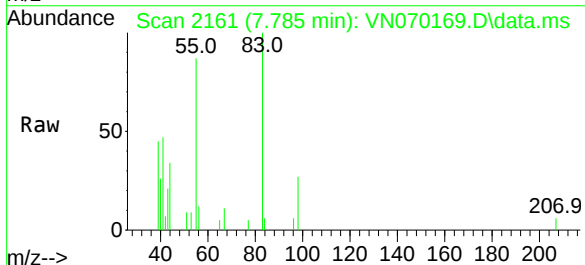
Instrument :
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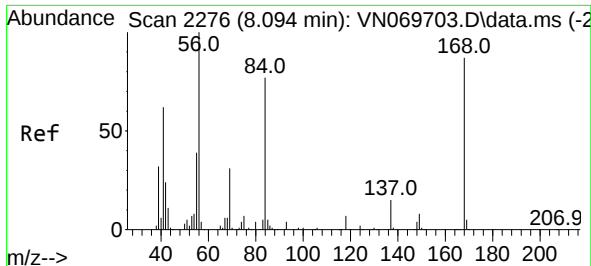
Tgt Ion: 43 Resp: 43193
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#30
 Chloroform
 Concen: 0.446 ug/l
 RT: 7.785 min Scan# 2161
 Delta R.T. -0.035 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27

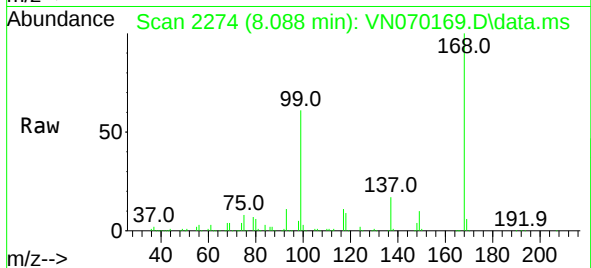
Tgt Ion: 83 Resp: 8289
 Ion Ratio Lower Upper
 83 100
 85 0.0 51.9 77.9#



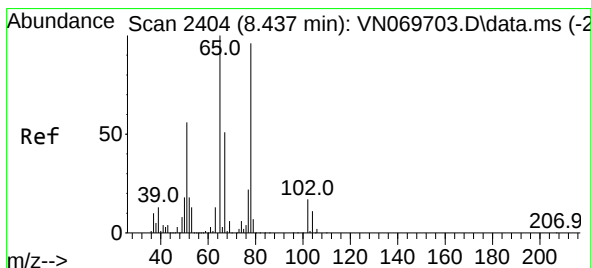
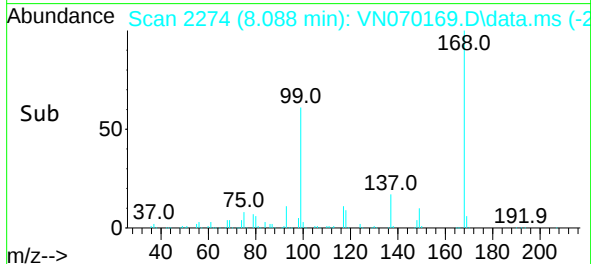
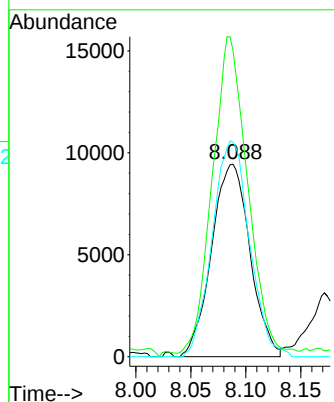


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Instrument :
MSVOA_N
ClientSampleId :

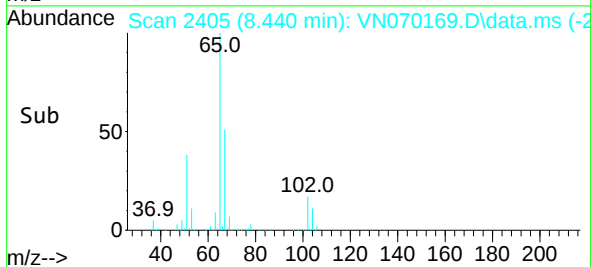
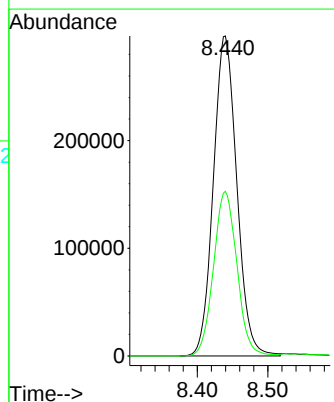
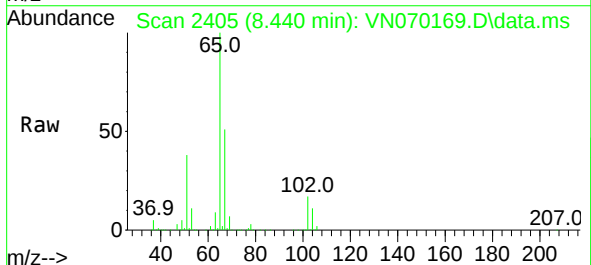


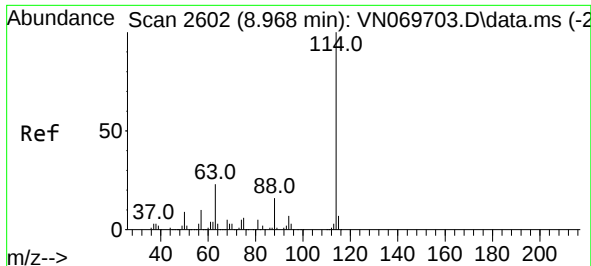
Tgt Ion: 56 Resp: 22952
Ion Ratio Lower Upper
56 100
69 157.0 27.1 40.7#
84 111.5 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.467 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion: 65 Resp: 686469
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

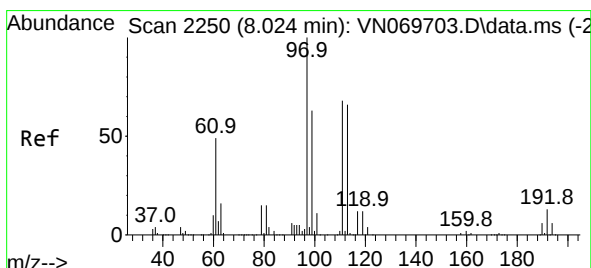
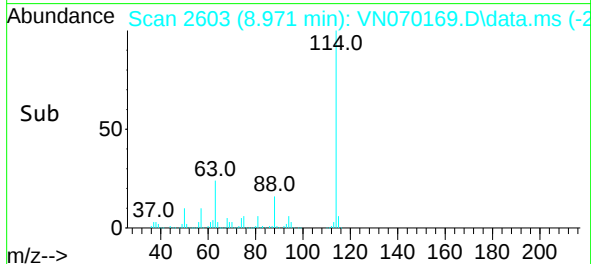
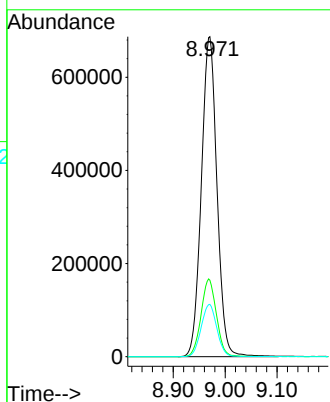
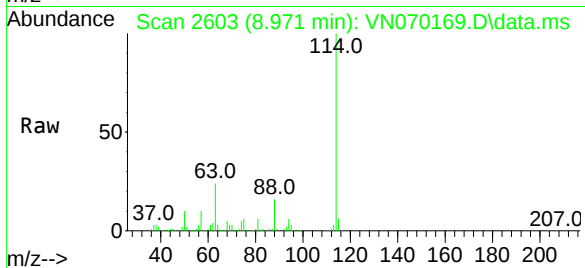




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

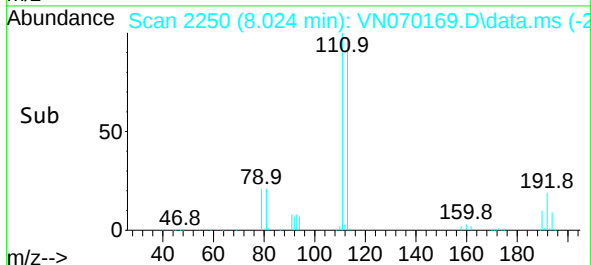
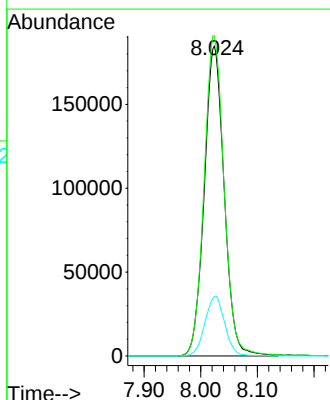
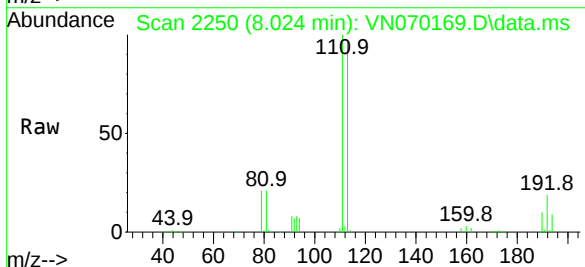
Instrument :
MSVOA_N
ClientSampleId :

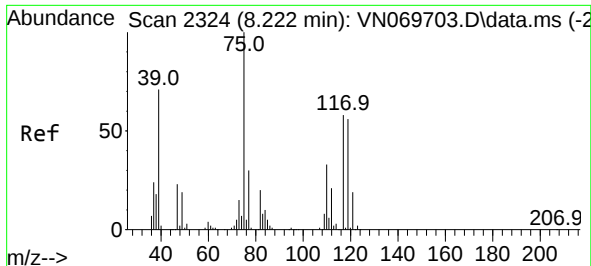
Tgt Ion:114 Resp: 1436188
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.201 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

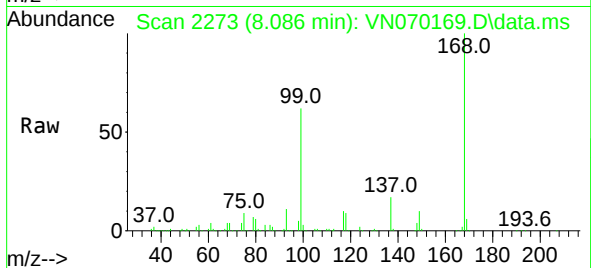
Tgt Ion:113 Resp: 451605
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.2 16.9 25.3



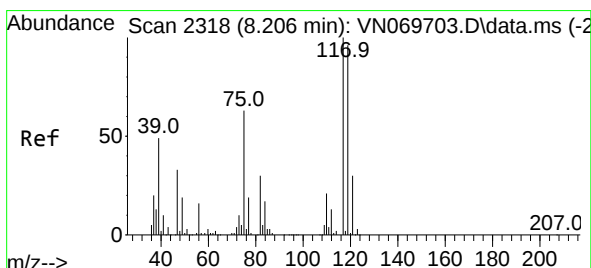
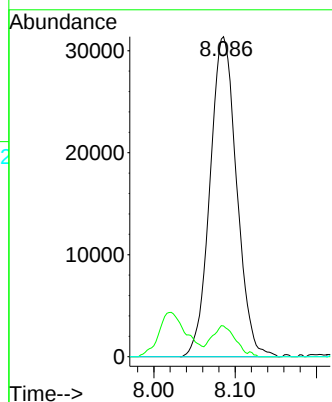
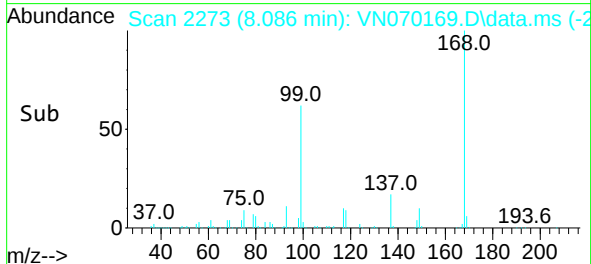


#36
1,1-Dichloropropene
Concen: 5.231 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

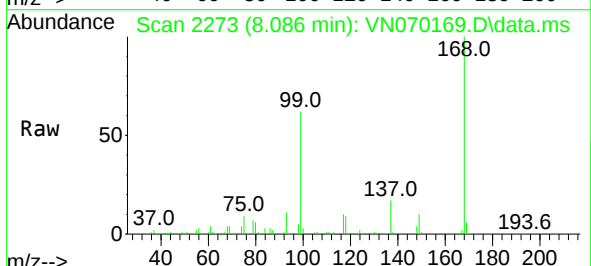
Instrument :
MSVOA_N
ClientSampleId :



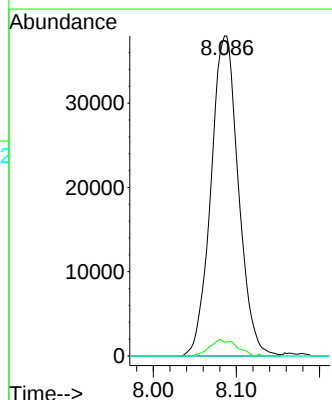
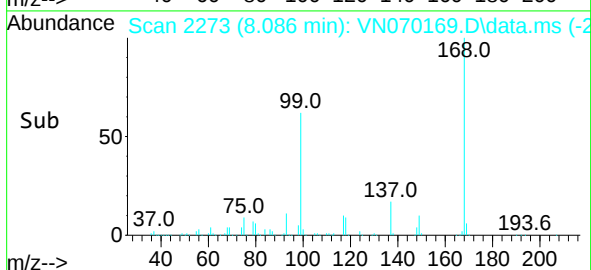
Tgt Ion: 75 Resp: 71514
Ion Ratio Lower Upper
75 100
110 7.3 18.4 55.2#
77 0.0 24.4 36.6#

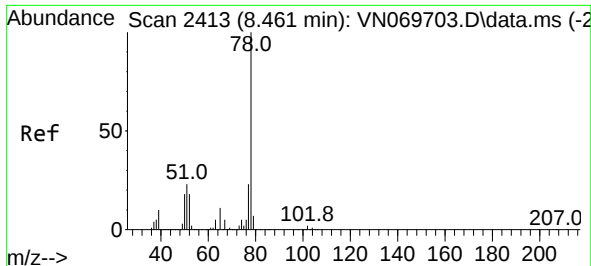


#38
Carbon Tetrachloride
Concen: 6.508 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.121 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27



Tgt Ion: 117 Resp: 87253
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#

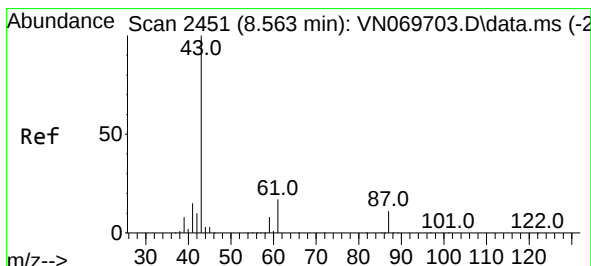
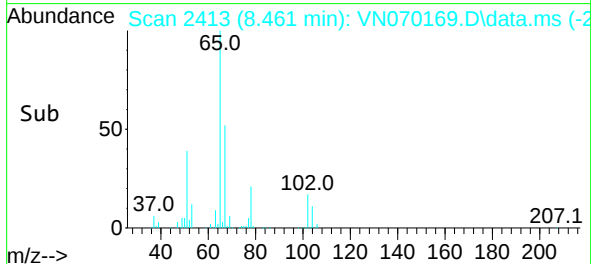
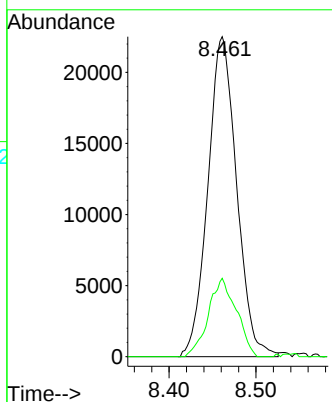
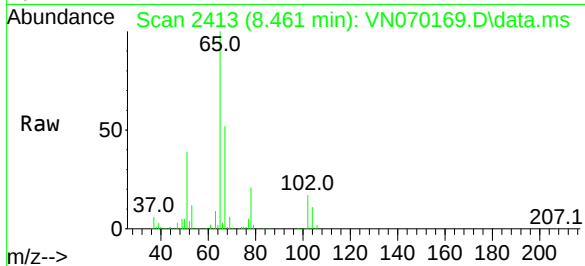




#40
Benzene
Concen: 1.240 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

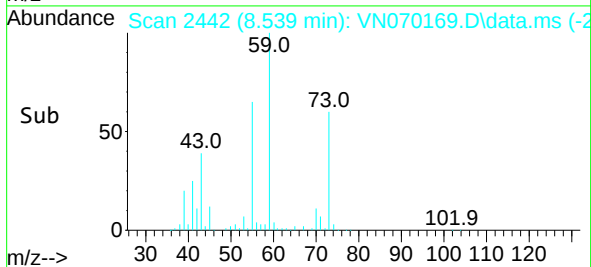
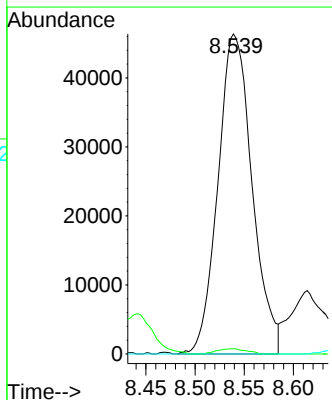
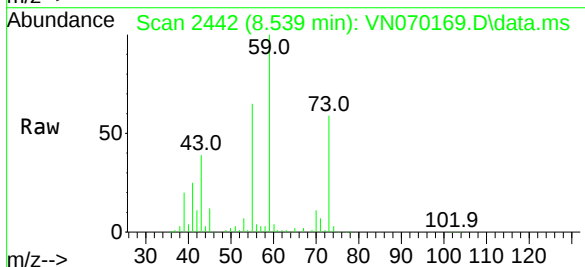
Instrument :
MSVOA_N
ClientSampleId :

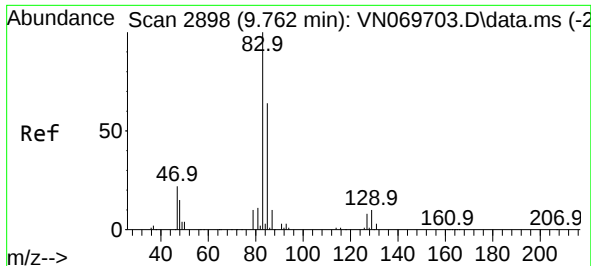
Tgt Ion: 78 Resp: 51801
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8



#43
Isopropyl Acetate
Concen: 3.725 ug/l
RT: 8.539 min Scan# 2442
Delta R.T. -0.024 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

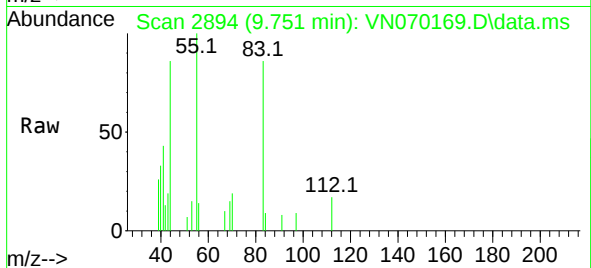
Tgt Ion: 43 Resp: 112182
Ion Ratio Lower Upper
43 100
61 1.4 20.4 30.6#
87 0.0 11.2 16.8#



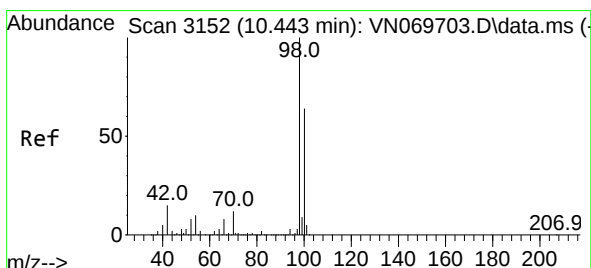
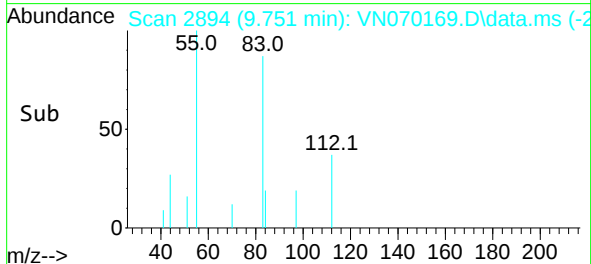
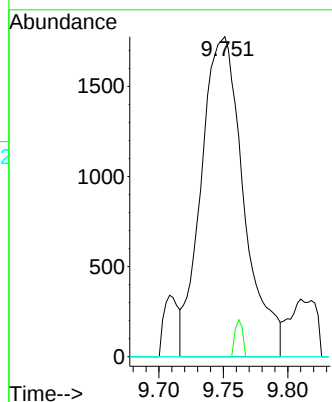


#47
Bromodichloromethane
Concen: 0.292 ug/l
RT: 9.751 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Instrument :
MSVOA_N
ClientSampleId :

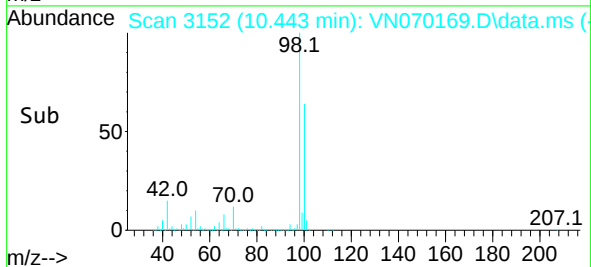
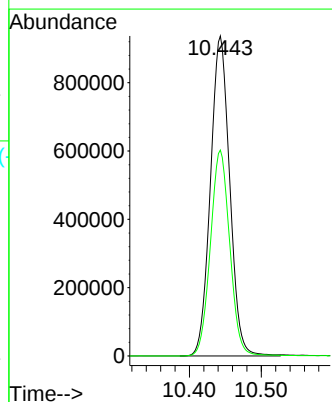
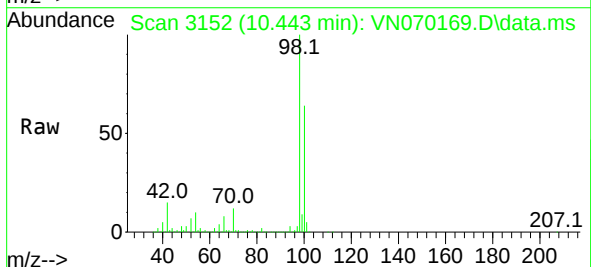


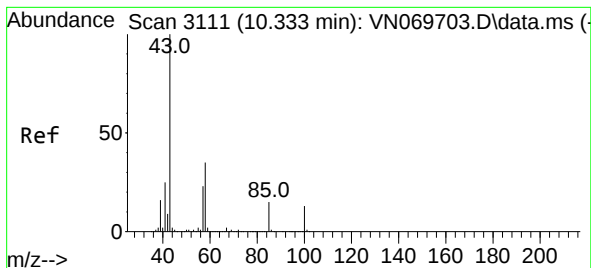
Tgt Ion: 83 Resp: 4075
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#50
Toluene-d8
Concen: 48.258 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion: 98 Resp: 1743161
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6

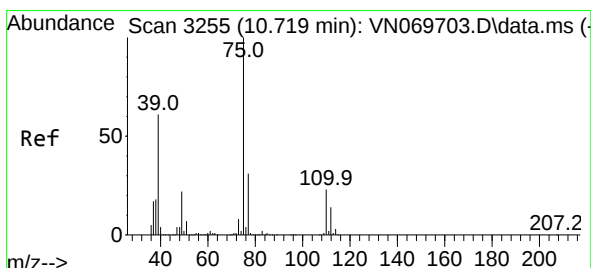
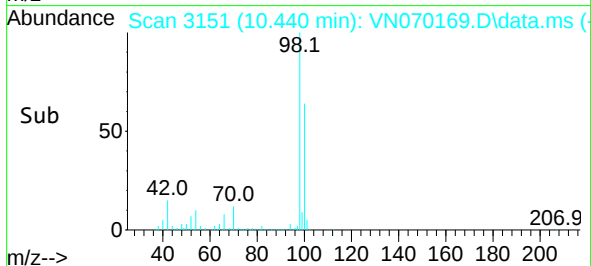
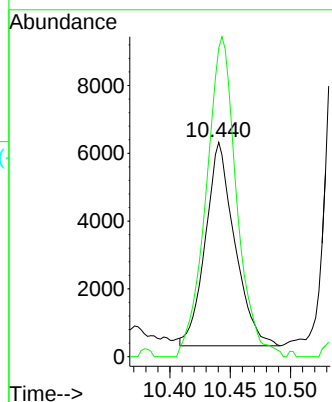
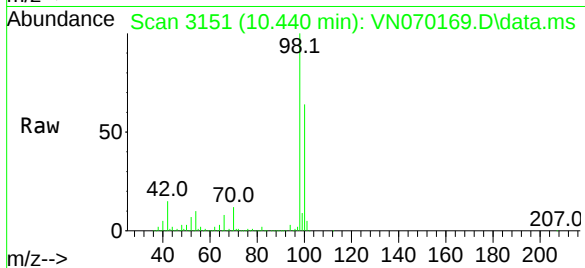




#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 10.440 min Scan# 3111
Delta R.T. 0.107 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

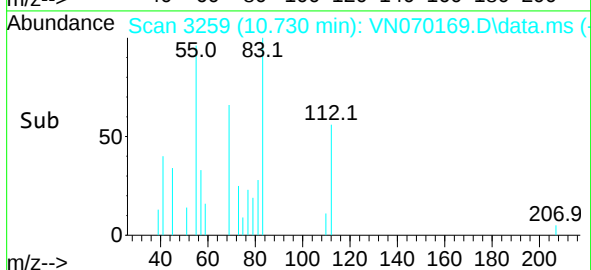
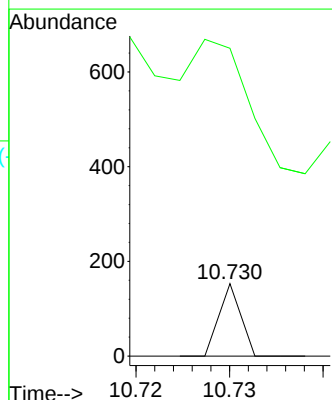
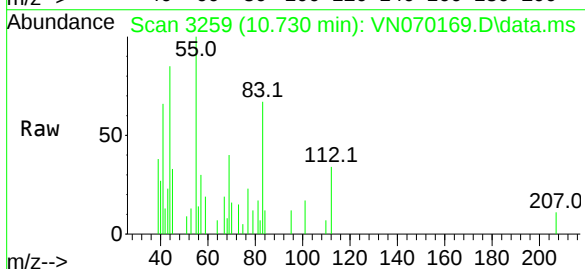
Instrument :
MSVOA_N
ClientSampleId :

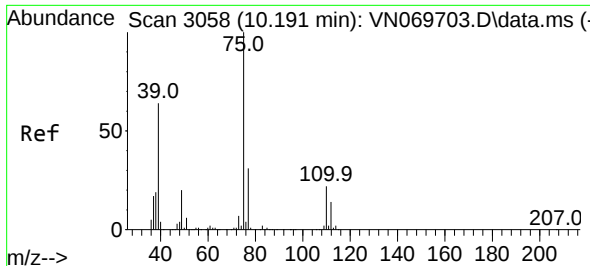
Tgt Ion: 43 Resp: 10116
Ion Ratio Lower Upper
43 100
58 164.0 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.796 ug/l
RT: 10.730 min Scan# 3259
Delta R.T. 0.011 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

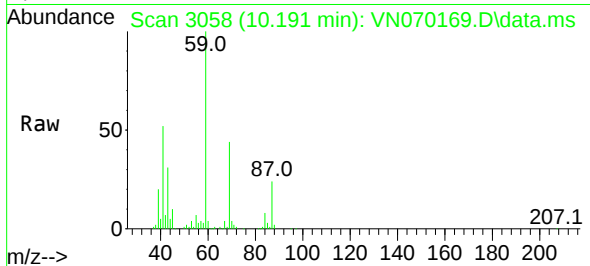
Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 164.7 25.6 38.4#



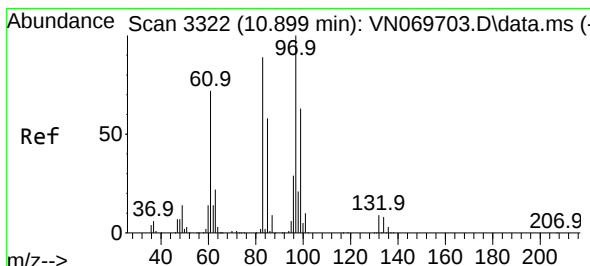
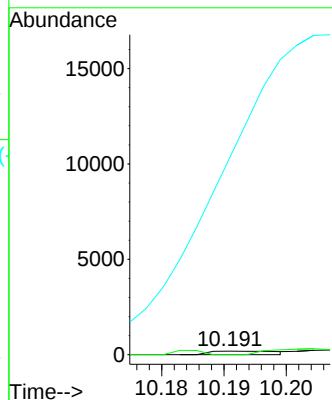
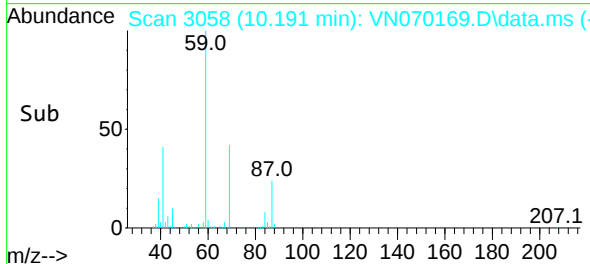


#54
 cis-1,3-Dichloropropene
 Concen: 2.006 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27

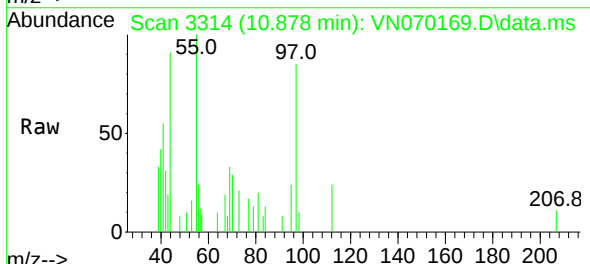
Instrument :
 MSVOA_N
 ClientSampleId :



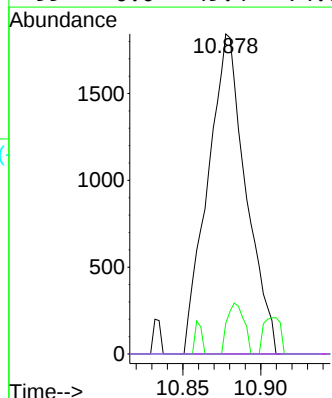
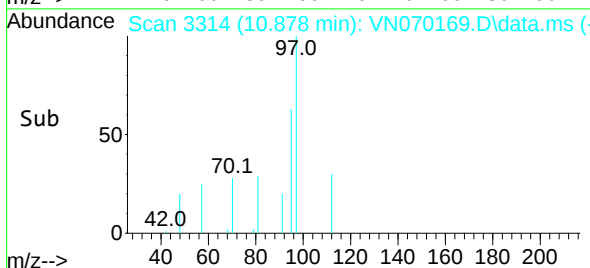
Tgt Ion: 75 Resp: 142
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 39 2888.7 42.5 63.7#

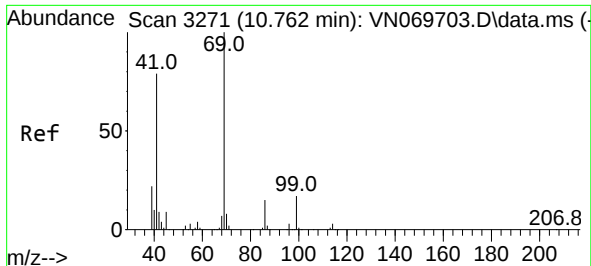


#55
 1,1,2-Trichloroethane
 Concen: 0.304 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.021 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27



Tgt Ion: 97 Resp: 3132
 Ion Ratio Lower Upper
 97 100
 83 9.7 67.8 101.6#
 85 0.0 45.4 68.2#
 99 0.0 49.4 74.0#

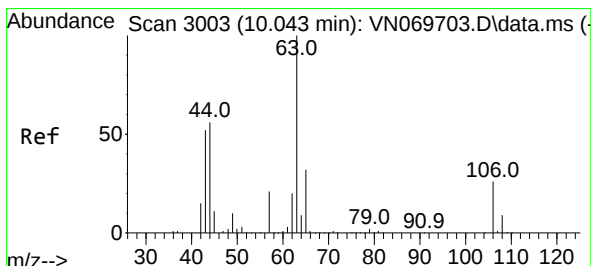
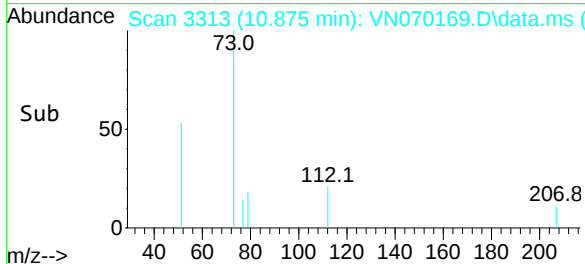
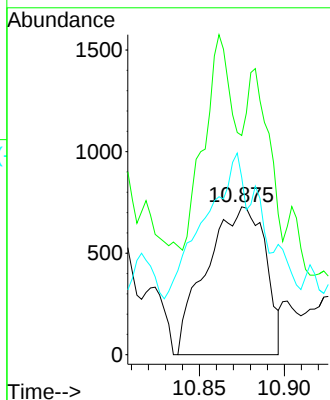
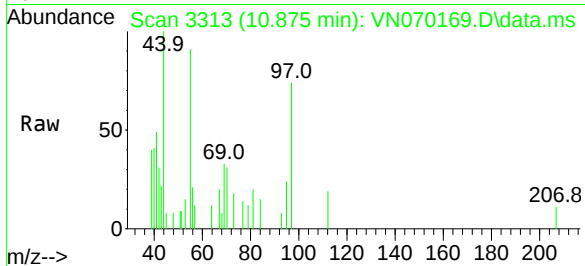




#56
Ethyl methacrylate
Concen: 2.365 ug/l
RT: 10.875 min Scan# 31
Delta R.T. 0.113 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

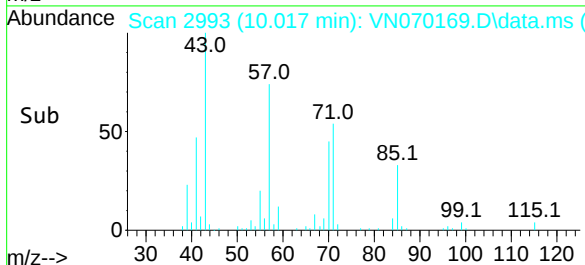
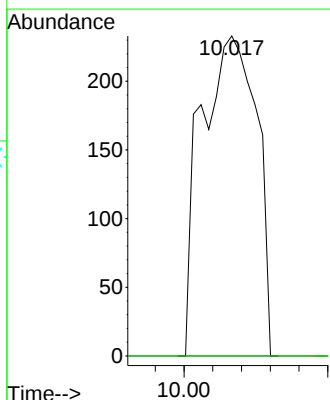
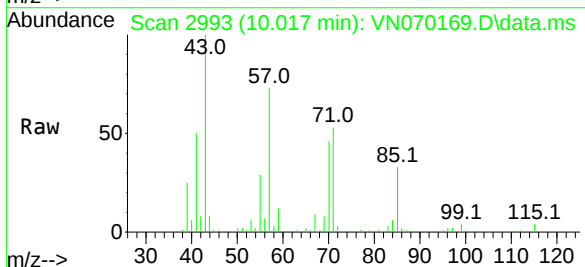
Instrument :
MSVOA_N
ClientSampleId :

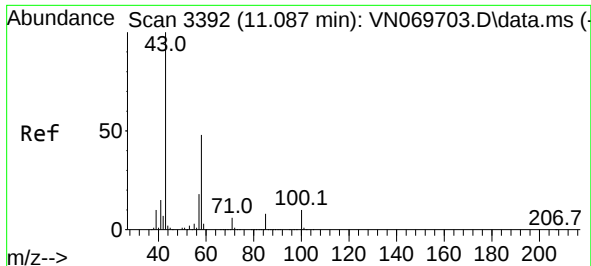
Tgt Ion: 69 Resp: 1753
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 64.6 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.444 ug/l
RT: 10.017 min Scan# 2993
Delta R.T. -0.026 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion: 63 Resp: 312
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

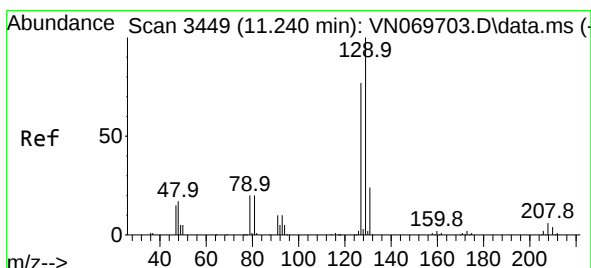
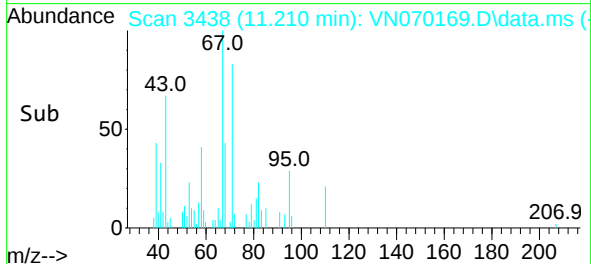
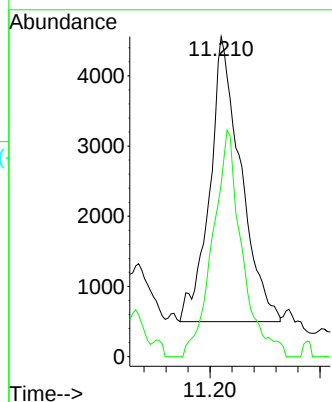
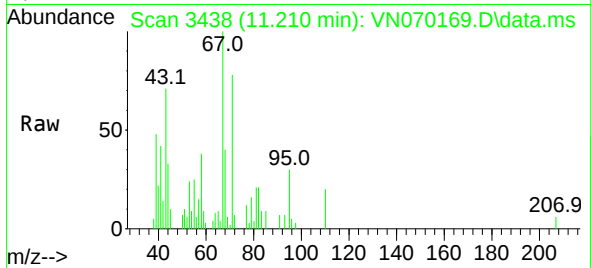




#59
2-Hexanone
Concen: 0.538 ug/l
RT: 11.210 min Scan# 341
Delta R.T. 0.123 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

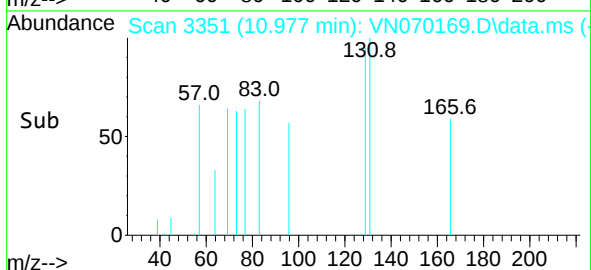
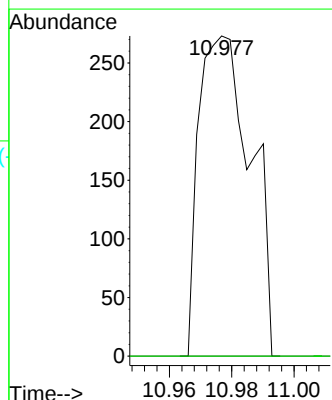
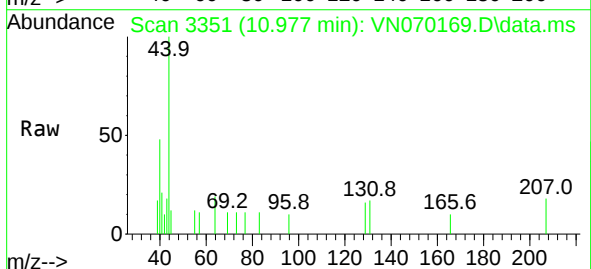
Instrument :
MSVOA_N
ClientSampleId :

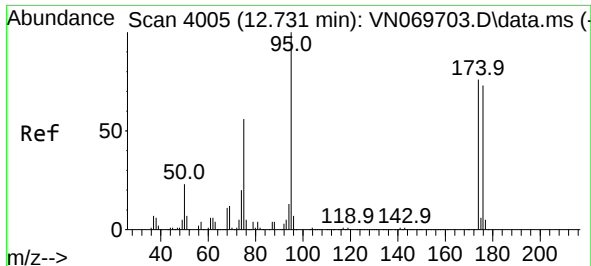
Tgt Ion: 43 Resp: 7956
Ion Ratio Lower Upper
43 100
58 74.6 26.9 80.7



#60
Dibromochloromethane
Concen: 2.403 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion: 129 Resp: 316
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

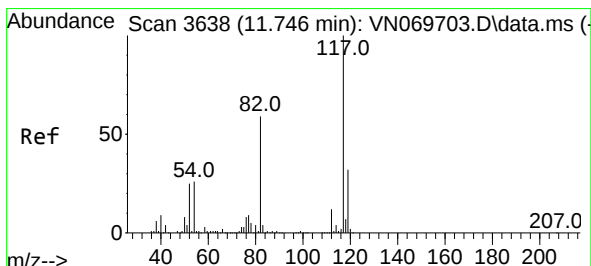
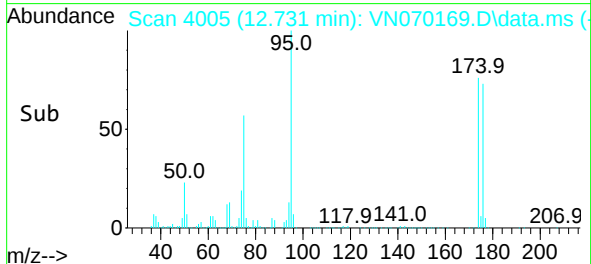
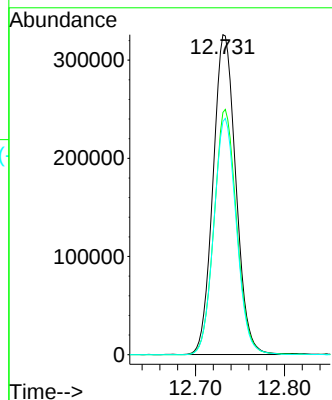
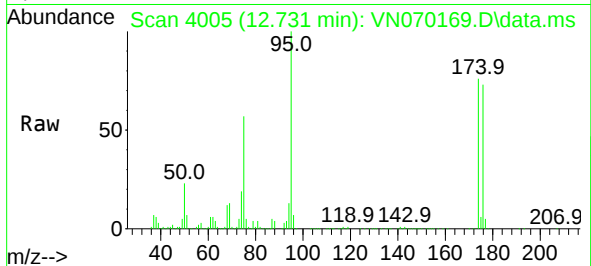




#62
4-Bromofluorobenzene
Concen: 44.320 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

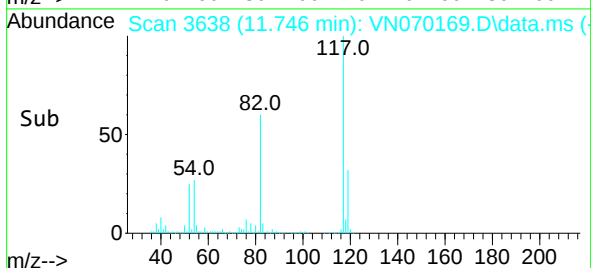
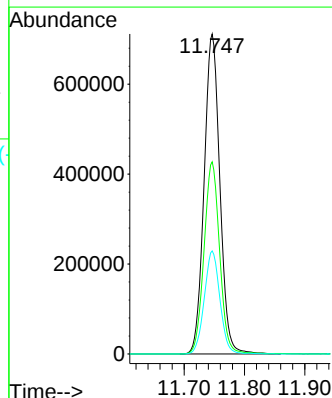
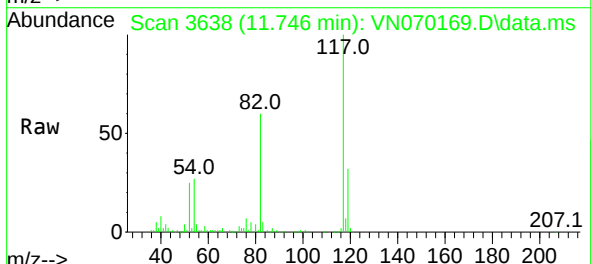
Instrument :
MSVOA_N
ClientSampleId :

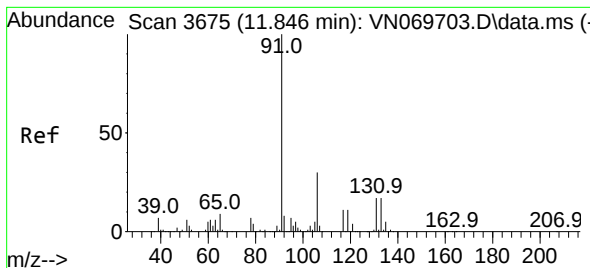
Tgt Ion: 95 Resp: 579980
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion: 117 Resp: 1291323
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.2 25.4 38.2





#67

Ethyl Benzene

Concen: 0.992 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070169.D

Acq: 17 Dec 2021 17:27

Instrument :

MSVOA_N

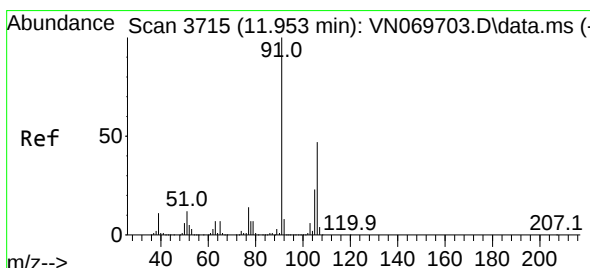
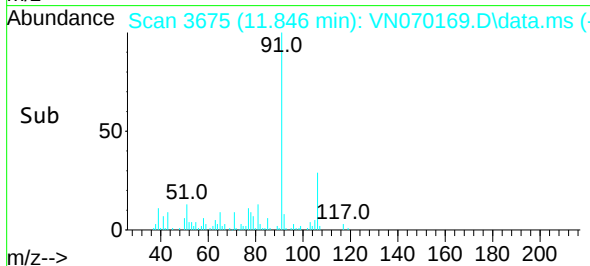
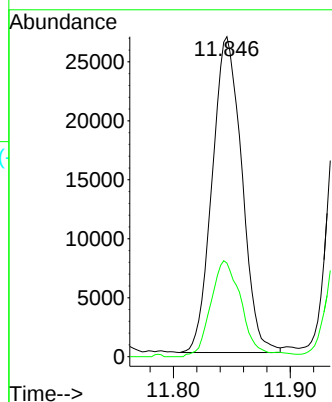
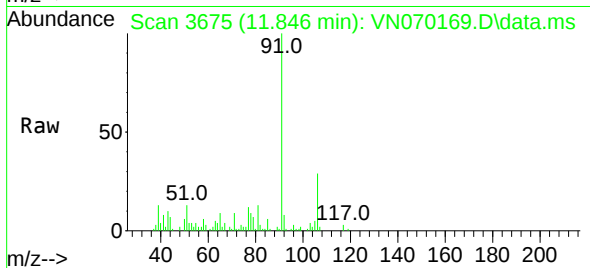
ClientSampleId :

Tgt Ion: 91 Resp: 47211

Ion Ratio Lower Upper

91 100

106 29.6 25.7 38.5



#68

m/p-Xylenes

Concen: 2.884 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.003 min

Lab File: VN070169.D

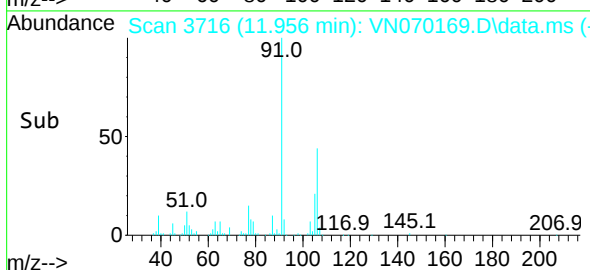
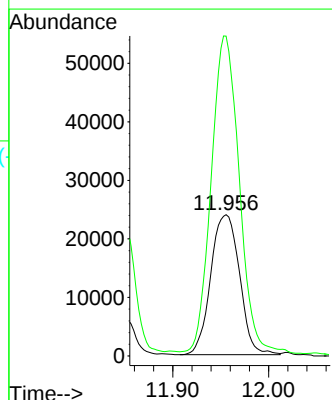
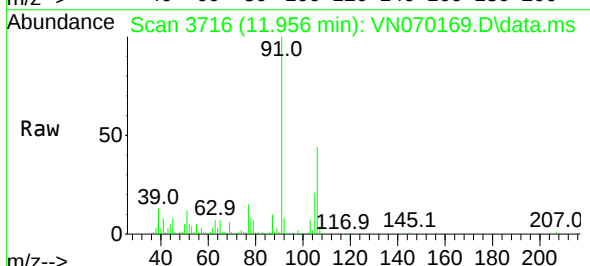
Acq: 17 Dec 2021 17:27

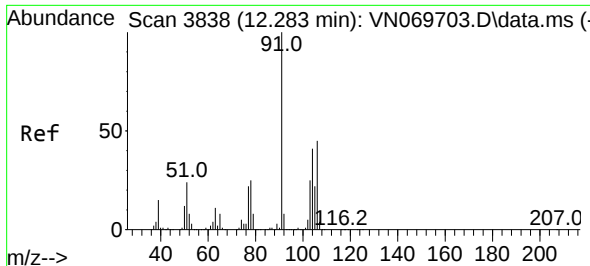
Tgt Ion: 106 Resp: 49964

Ion Ratio Lower Upper

106 100

91 220.7 160.6 240.8

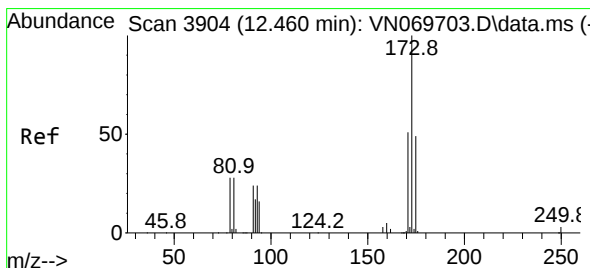
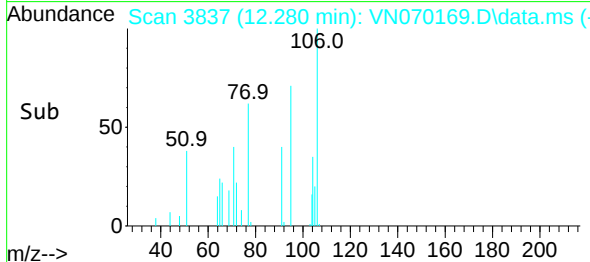
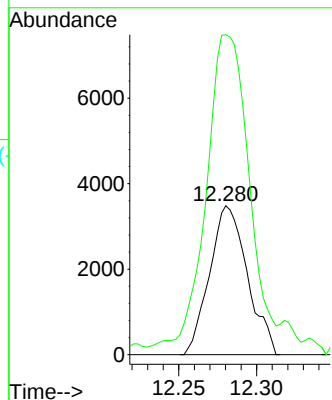
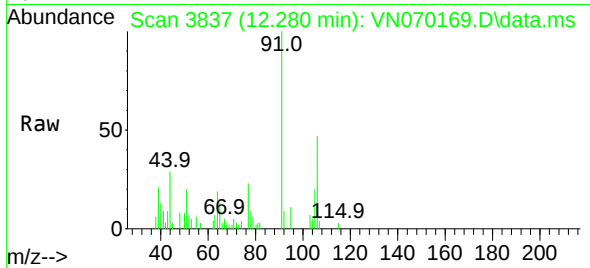




#69
o-Xylene
Concen: 0.336 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

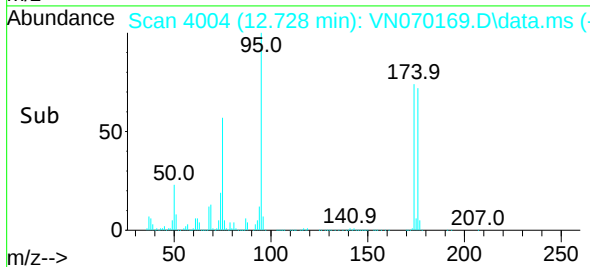
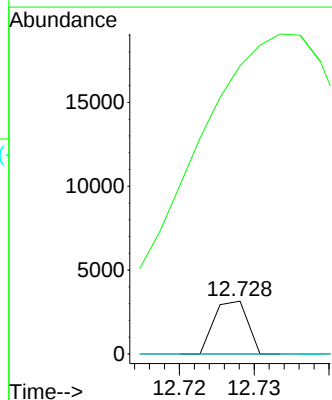
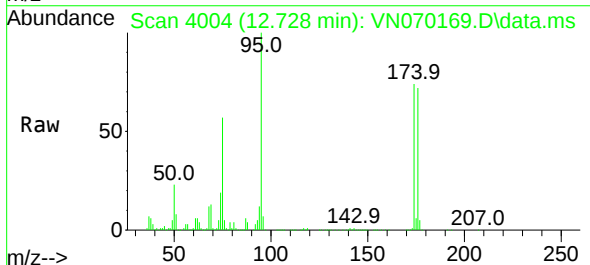
Instrument :
MSVOA_N
ClientSampleId :

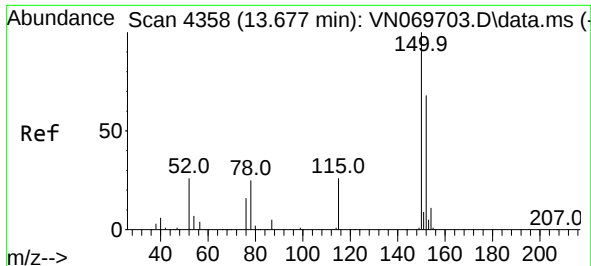
Tgt Ion:106 Resp: 5866
Ion Ratio Lower Upper
106 100
91 232.8 105.8 317.3



#71
Bromoform
Concen: 2.848 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion:173 Resp: 979
Ion Ratio Lower Upper
173 100
175 3123.9 24.2 72.6#
254 0.0 0.0 0.0

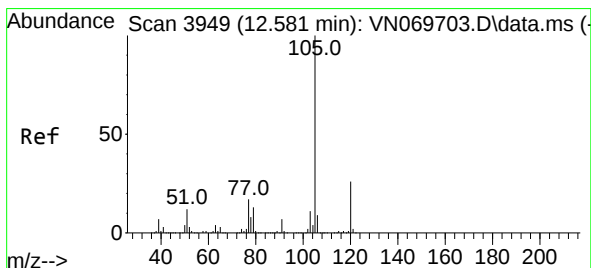
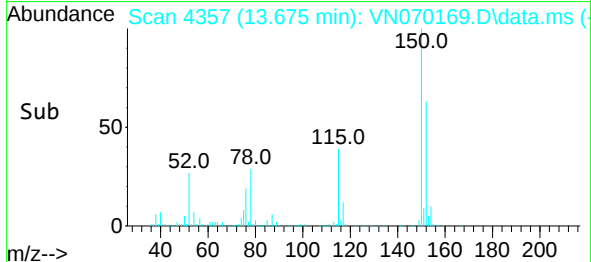
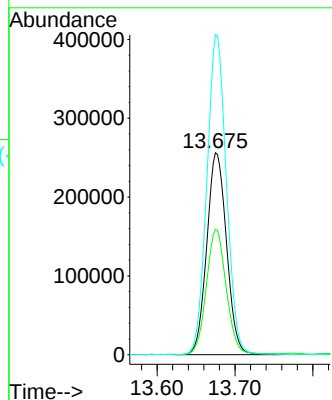
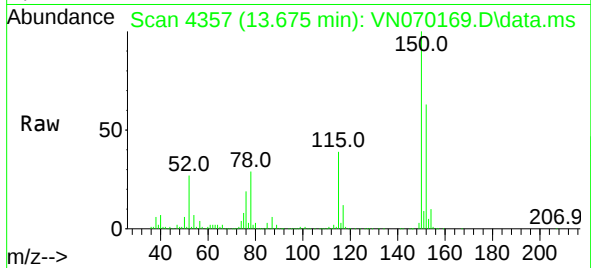




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

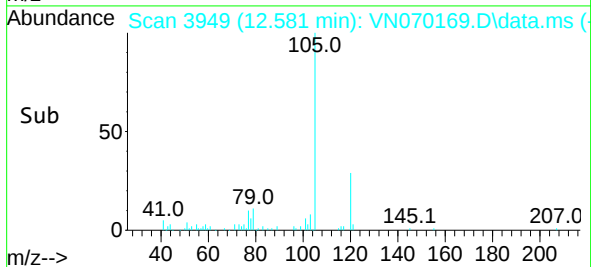
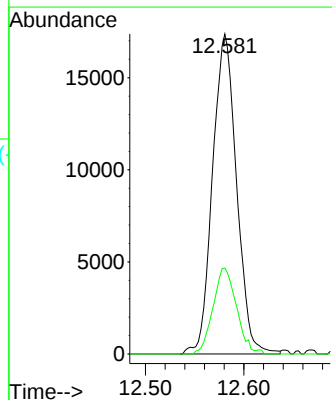
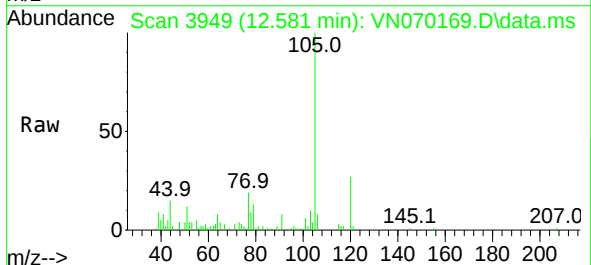
Instrument :
MSVOA_N
ClientSampleId :

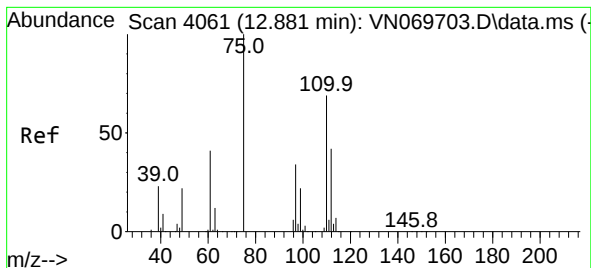
Tgt Ion:152 Resp: 453522
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 156.2 0.0 344.4



#73
Isopropylbenzene
Concen: 0.731 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion:105 Resp: 29488
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1





#76

1,2,3-Trichloropropane

Concen: 24.806 ug/l

RT: 12.731 min Scan# 40

Delta R.T. -0.150 min

Lab File: VN070169.D

Acq: 17 Dec 2021 17:27

Instrument :

MSVOA_N

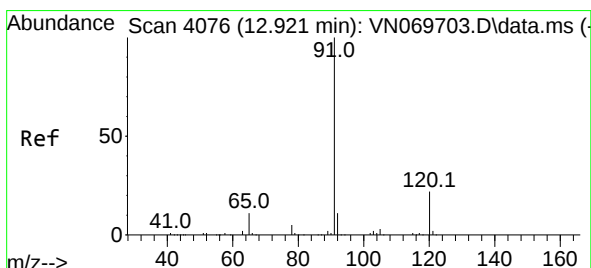
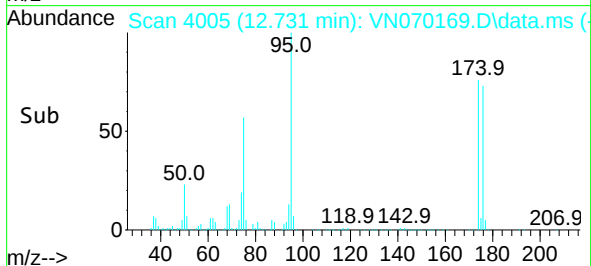
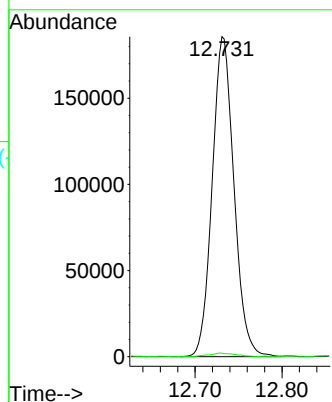
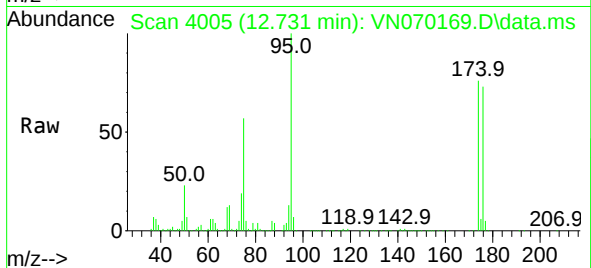
ClientSampleId :

Tgt Ion: 75 Resp: 322624

Ion Ratio Lower Upper

75 100

77 1.4 82.6 247.8#



#78

n-propylbenzene

Concen: 0.607 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN070169.D

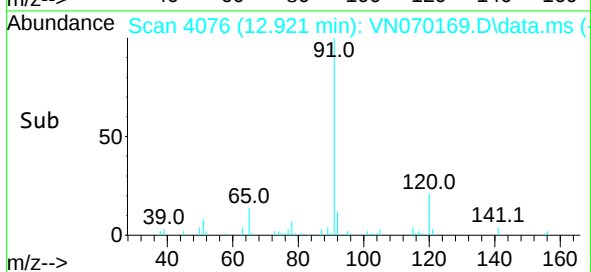
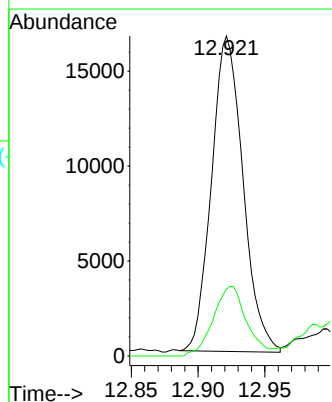
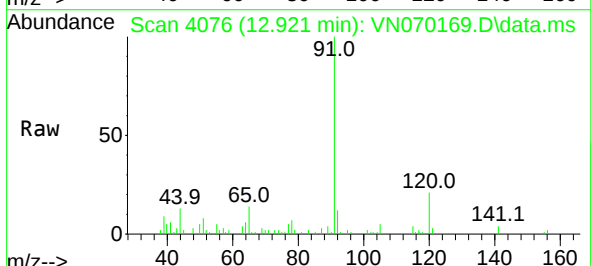
Acq: 17 Dec 2021 17:27

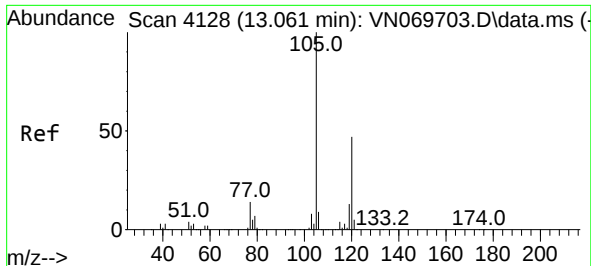
Tgt Ion: 91 Resp: 27238

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.9

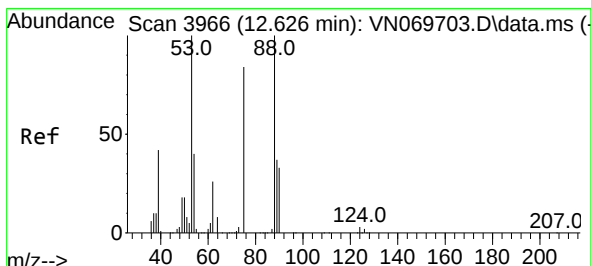
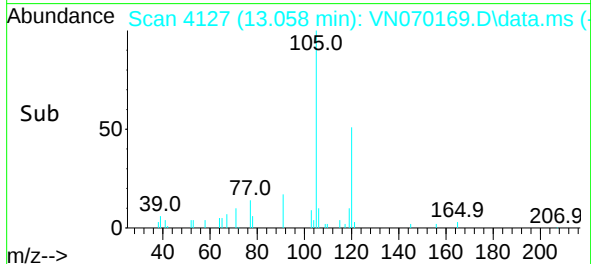
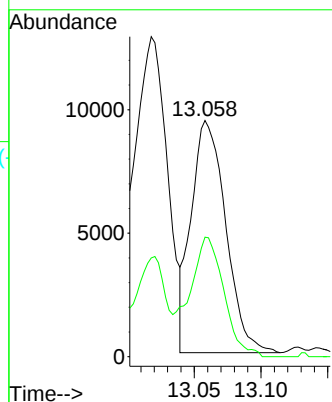
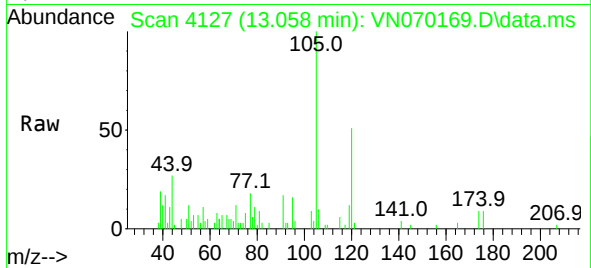




#80
 1,3,5-Trimethylbenzene
 Concen: 0.522 ug/l
 RT: 13.058 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27

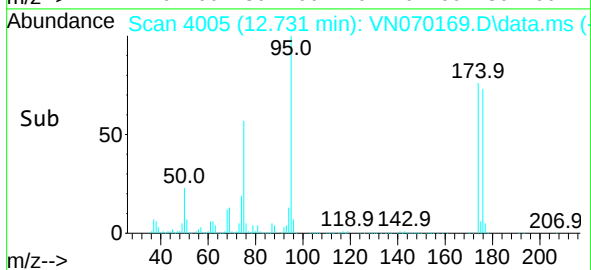
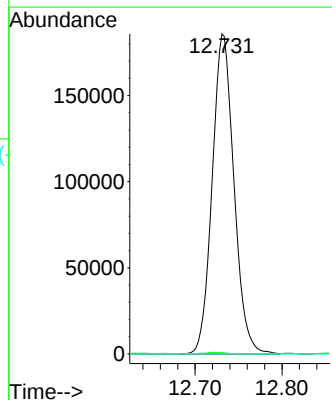
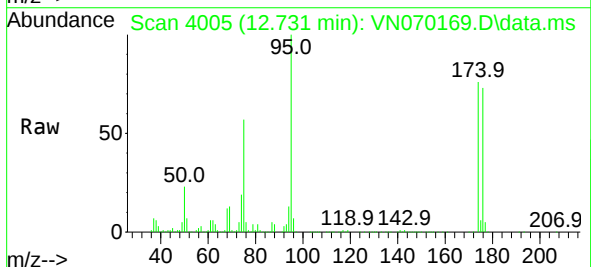
Instrument :
 MSVOA_N
 ClientSampleId :

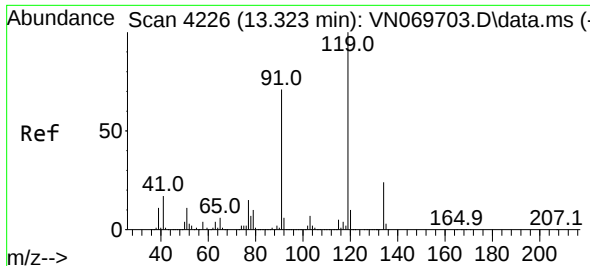
Tgt Ion:105 Resp: 16956
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.653 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.105 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27

Tgt Ion: 75 Resp: 322624
 Ion Ratio Lower Upper
 75 100
 53 0.6 90.5 135.7#
 89 0.0 38.2 57.4#

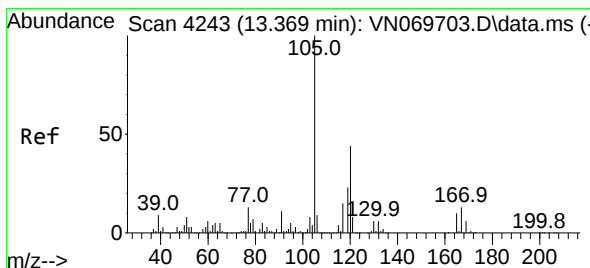
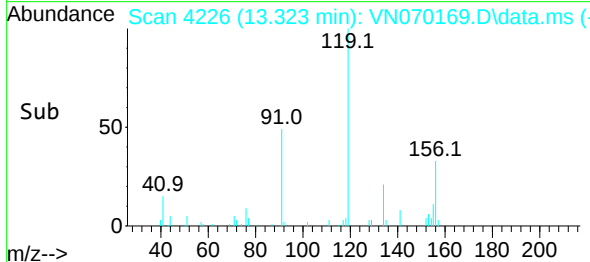
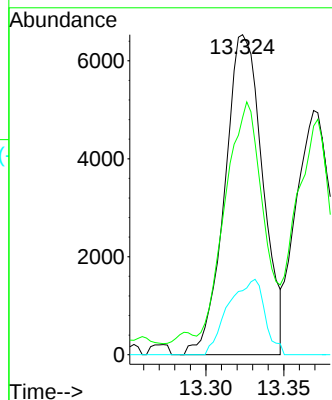
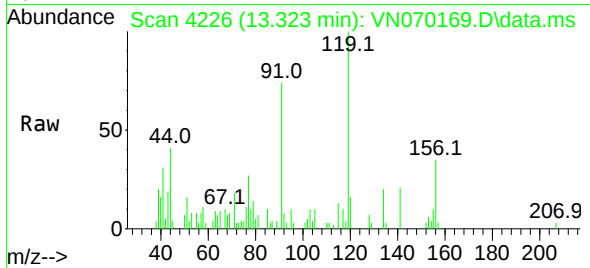




#83
 tert-Butylbenzene
 Concen: 0.385 ug/l
 RT: 13.323 min Scan# 4226
 Delta R.T. 0.000 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27

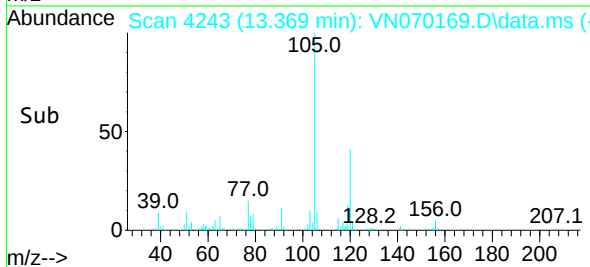
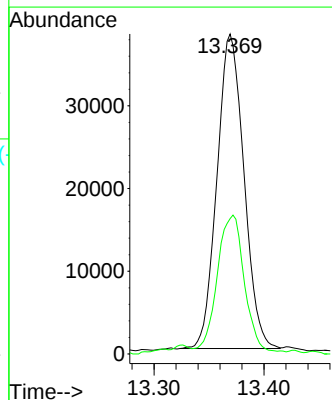
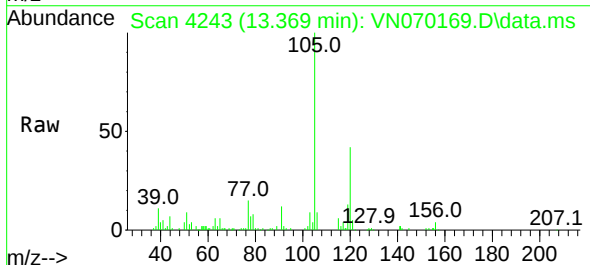
Instrument :
 MSVOA_N
 ClientSampleId :

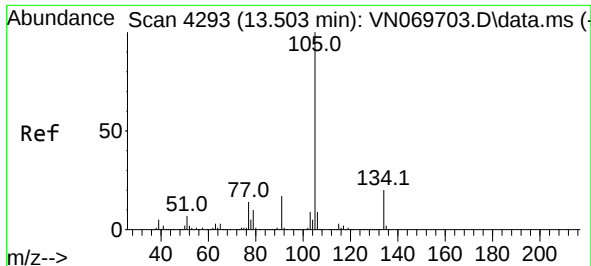
Tgt Ion:119 Resp: 11071
 Ion Ratio Lower Upper
 119 100
 91 75.9 31.5 94.5
 134 22.6 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.094 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27

Tgt Ion:105 Resp: 64771
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.8 68.4

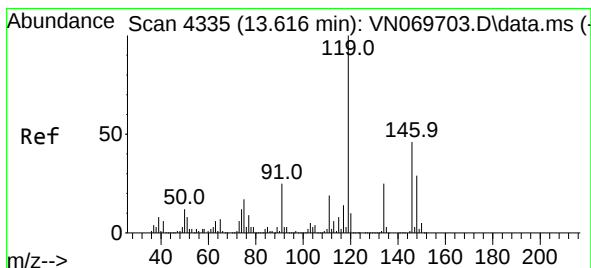
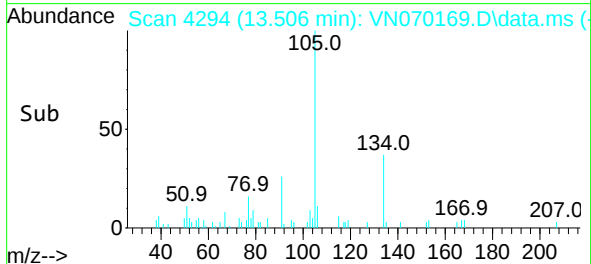
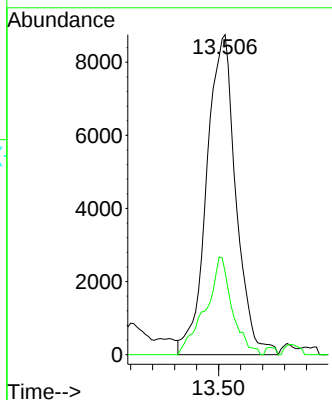
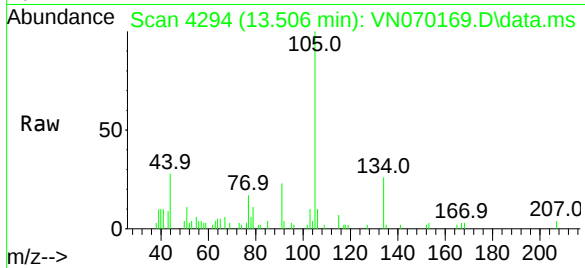




#85
 sec-Butylbenzene
 Concen: 0.413 ug/l
 RT: 13.506 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27

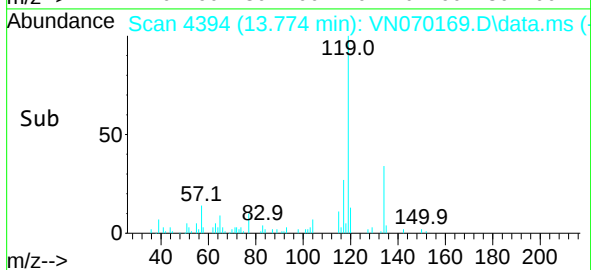
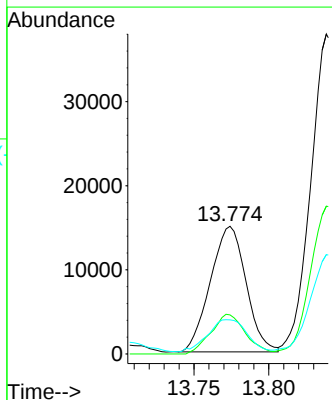
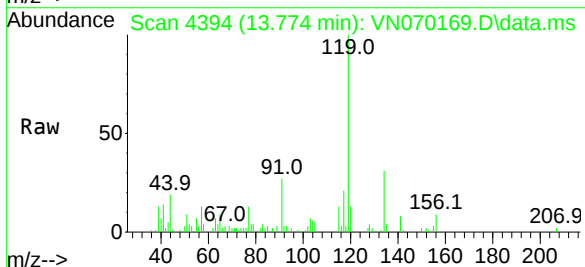
Instrument :
 MSVOA_N
 ClientSampleId :

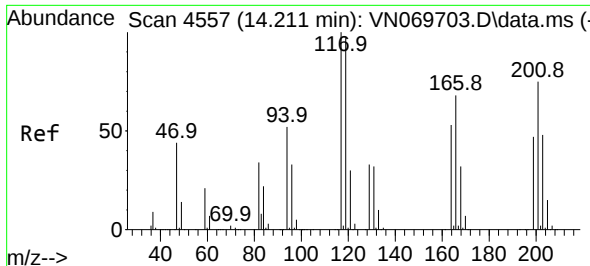
Tgt Ion:105 Resp: 16126
 Ion Ratio Lower Upper
 105 100
 134 27.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.814 ug/l
 RT: 13.774 min Scan# 4394
 Delta R.T. 0.158 min
 Lab File: VN070169.D
 Acq: 17 Dec 2021 17:27

Tgt Ion:119 Resp: 24828
 Ion Ratio Lower Upper
 119 100
 134 30.7 13.6 40.7
 91 27.4 11.4 34.1

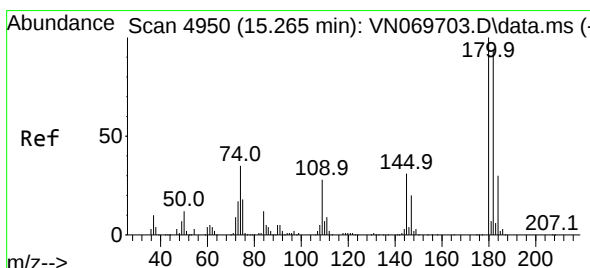
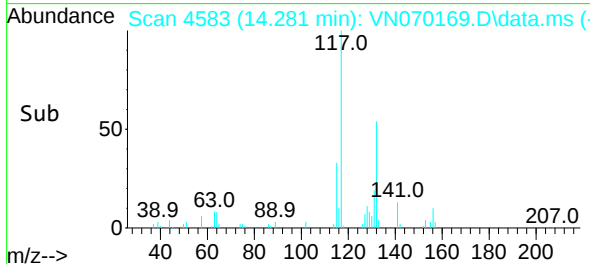
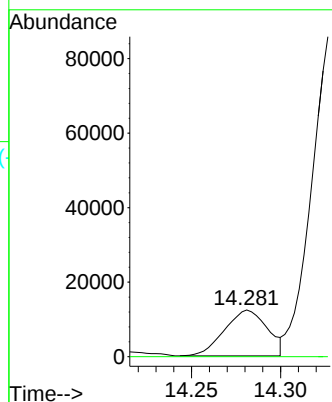
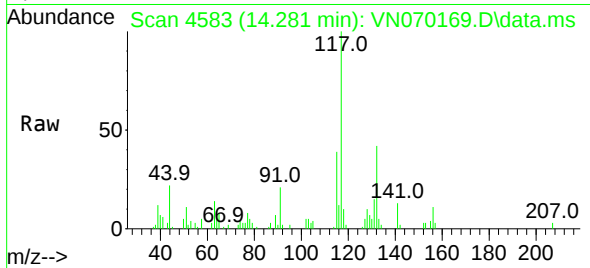




#90
Hexachloroethane
Concen: 3.880 ug/l
RT: 14.281 min Scan# 41
Delta R.T. 0.070 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

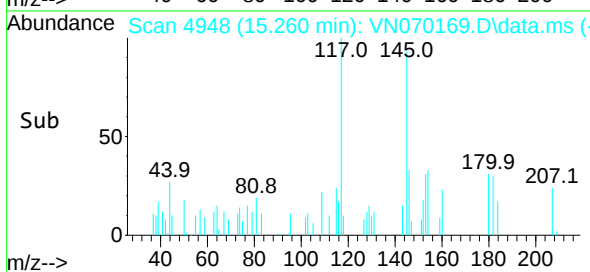
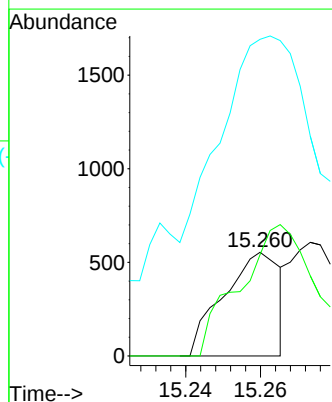
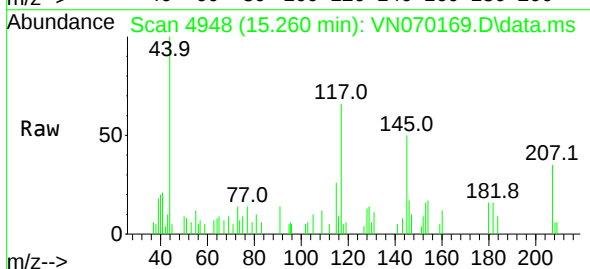
Instrument :
MSVOA_N
ClientSampleId :

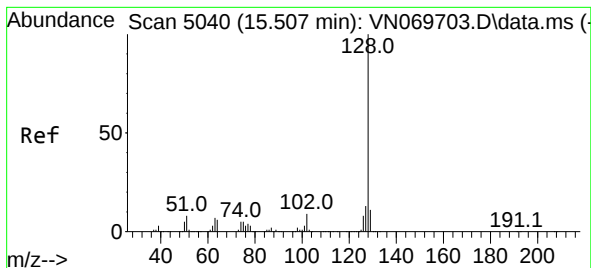
Tgt Ion:117 Resp: 20771
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#93
1,2,4-Trichlorobenzene
Concen: 2.951 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN070169.D
Acq: 17 Dec 2021 17:27

Tgt Ion:180 Resp: 577
Ion Ratio Lower Upper
180 100
182 187.3 48.3 144.9#
145 322.2 14.5 43.5#





#95

Naphthalene

Concen: 12.252 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN070169.D

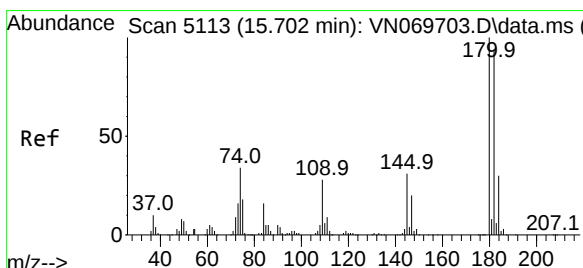
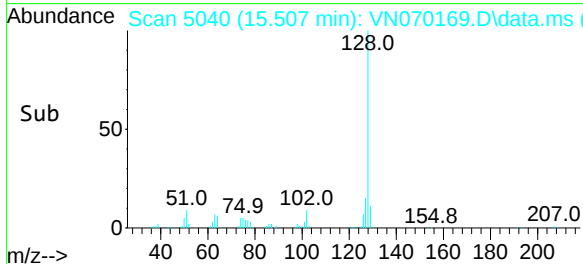
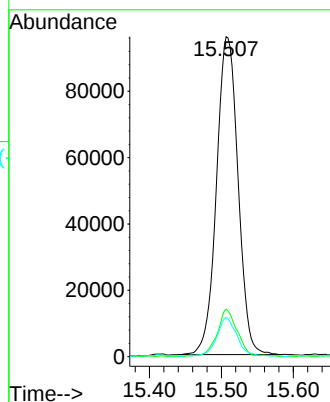
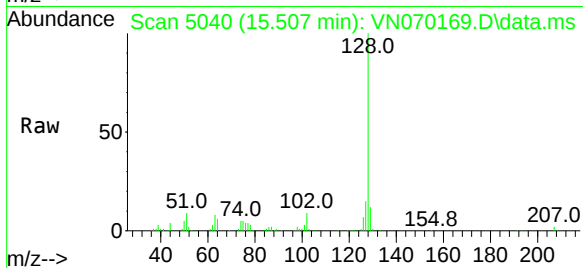
Acq: 17 Dec 2021 17:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	199093
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.5	15.7
129	11.0	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.546 ug/l

RT: 15.705 min Scan# 5114

Delta R.T. 0.003 min

Lab File: VN070169.D

Acq: 17 Dec 2021 17:27

Tgt Ion:	180	Resp:	840
Ion Ratio	Lower	Upper	
180	100		
182	140.4	47.4	142.2
145	105.5	15.0	45.1#

