

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070769.D
 Acq On : 25 Jan 2022 12:20
 Operator : JC/MD
 Sample : VN0125WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0125WBL01

Quant Time: Jan 26 00:47:49 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)

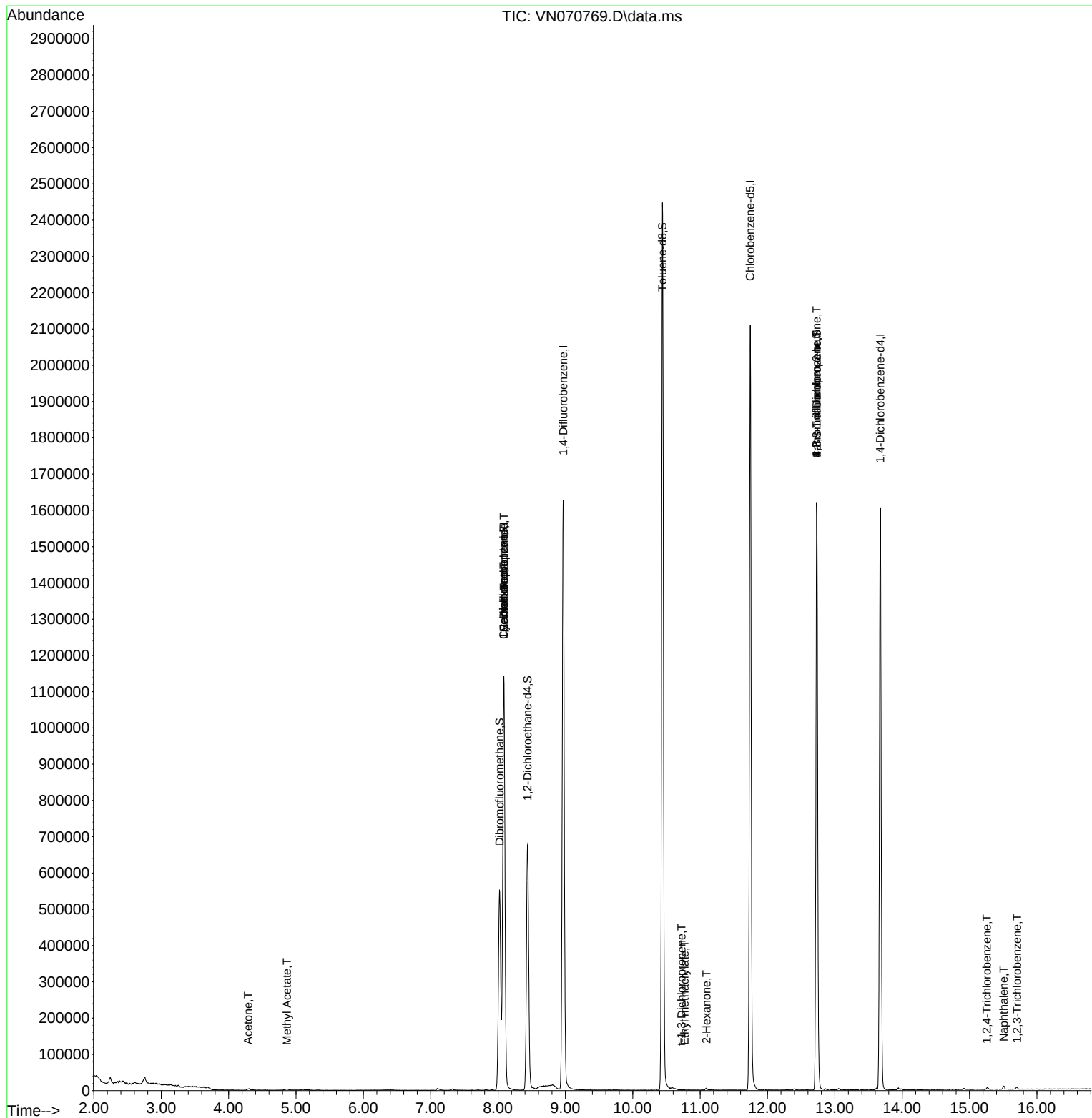
Internal Standards						
1) Pentafluorobenzene	8.086	168	864610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1384621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1216728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	440730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	600149	48.433	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.860%		
35) Dibromofluoromethane	8.021	113	411872	47.954	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.900%		
50) Toluene-d8	10.440	98	1709513	47.247	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.500%		
62) 4-Bromofluorobenzene	12.731	95	600054	46.539	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.080%		
Target Compounds						Qvalue
16) Acetone	4.291	43	2202	0.256	ug/l	90
18) Methyl Acetate	4.867	43	4243	0.251	ug/l #	77
30) Chloroform	7.809	83	1016	Below Cal	#	78
31) Cyclohexane	8.083	56	19369	0.888	ug/l #	7
36) 1,1-Dichloropropene	8.083	75	71638	4.955	ug/l #	49
38) Carbon Tetrachloride	8.086	117	87997	6.841	ug/l #	16
53) t-1,3-Dichloropropene	10.722	75	25	2.405	ug/l	98
56) Ethyl methacrylate	10.770	69	56	2.304	ug/l #	1
59) 2-Hexanone	11.095	43	4790	0.352	ug/l	90
76) 1,2,3-Trichloropropane	12.731	75	317247	27.140	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	317247	80.854	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.257	180	1050	3.545	ug/l #	1
95) Naphthalene	15.507	128	8907	5.300	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.705	180	2495	3.516	ug/l	96

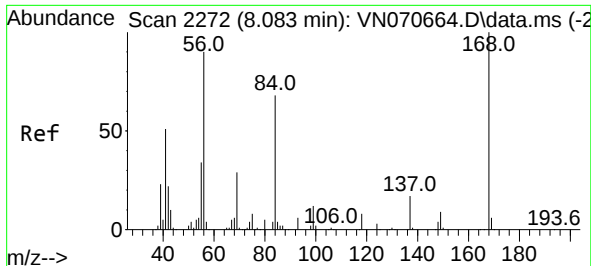
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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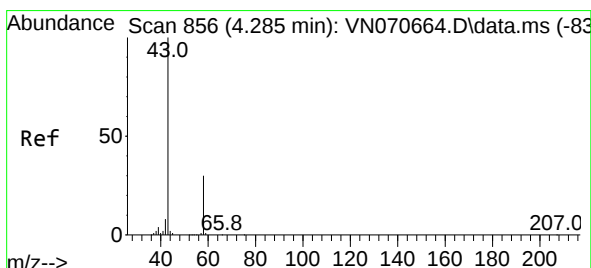
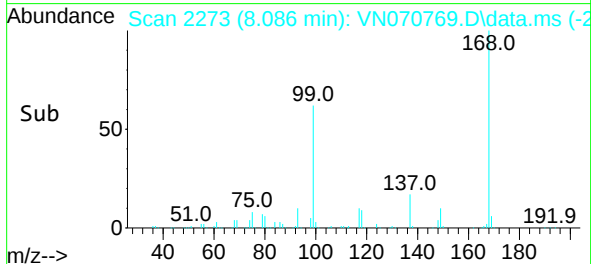
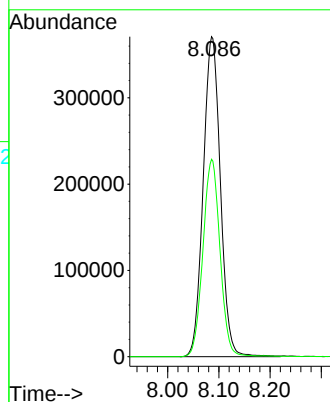
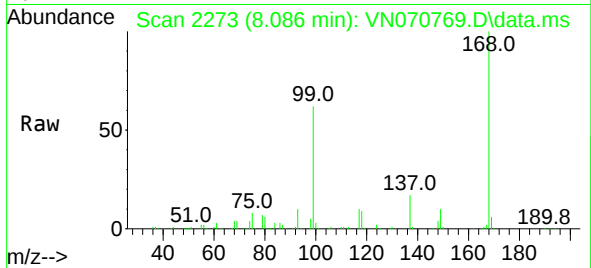




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

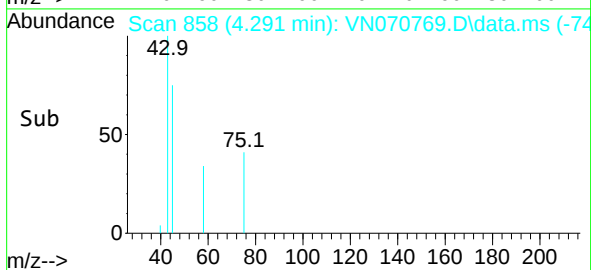
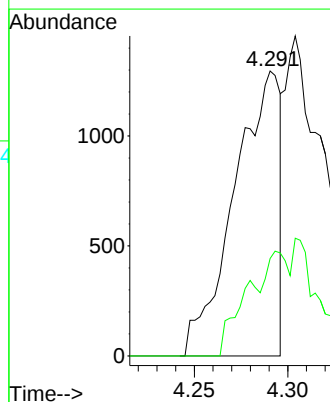
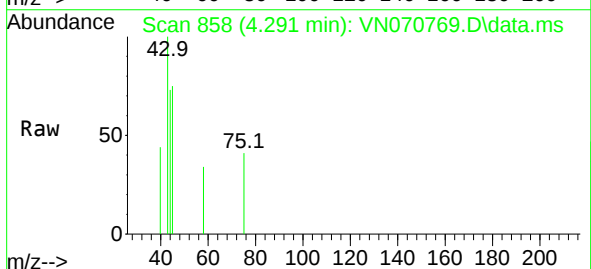
Instrument :
MSVOA_N
ClientSampleId :
VN0125WBL01

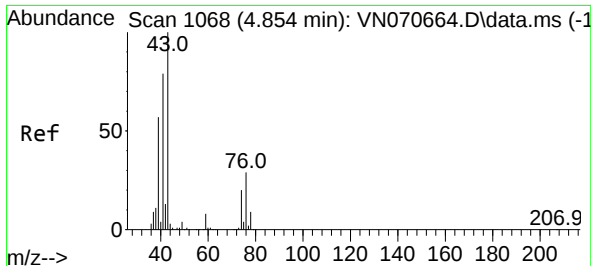
Tgt Ion:168 Resp: 864610
Ion Ratio Lower Upper
168 100
99 61.7 41.3 61.9



#16
Acetone
Concen: 0.256 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Tgt Ion: 43 Resp: 2202
Ion Ratio Lower Upper
43 100
58 34.2 23.1 34.7





#18

Methyl Acetate

Concen: 0.251 ug/l

RT: 4.867 min Scan# 11

Delta R.T. 0.013 min

Lab File: VN070769.D

Acq: 25 Jan 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

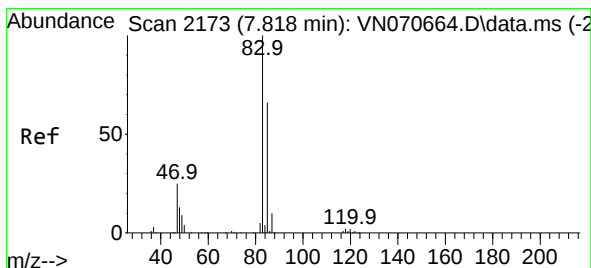
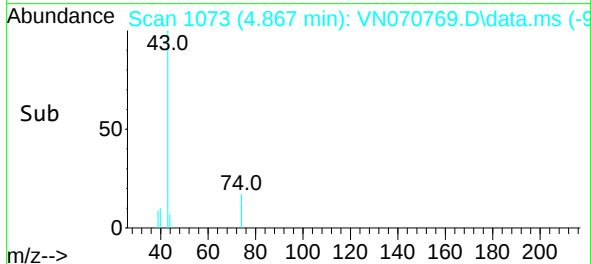
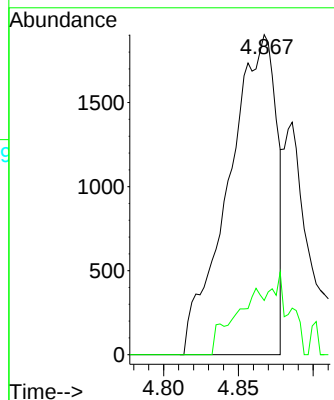
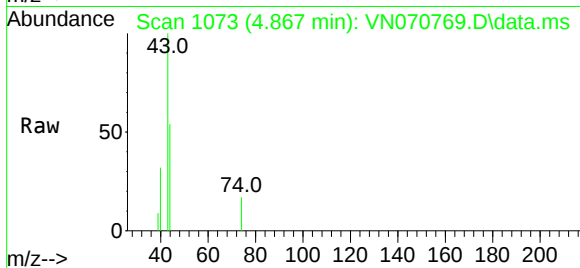
VN0125WBL01

Tgt Ion: 43 Resp: 4243

Ion Ratio Lower Upper

43 100

74 12.9 19.4 29.2#



#30

Chloroform

Concen: Below Cal

RT: 7.809 min Scan# 2170

Delta R.T. -0.009 min

Lab File: VN070769.D

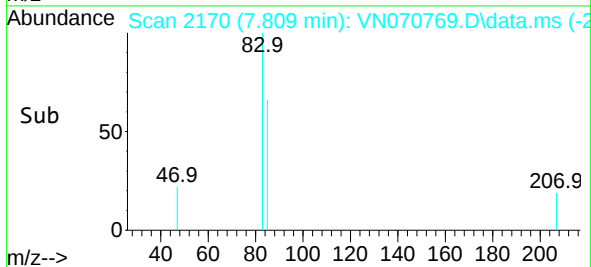
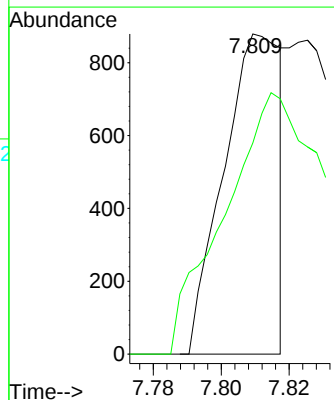
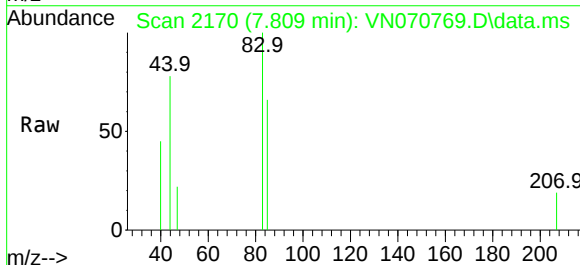
Acq: 25 Jan 2022 12:20

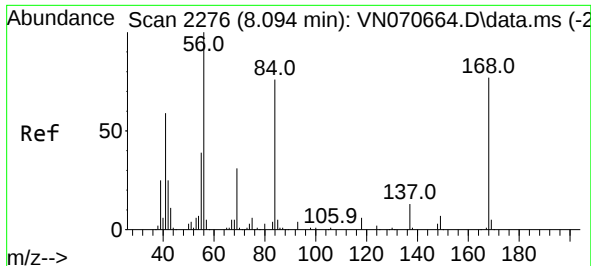
Tgt Ion: 83 Resp: 1016

Ion Ratio Lower Upper

83 100

85 47.2 51.9 77.9#

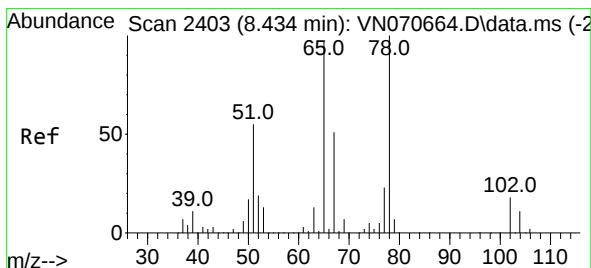
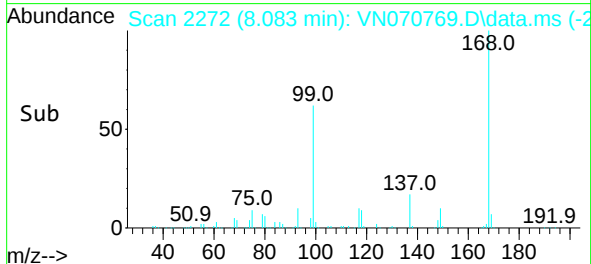
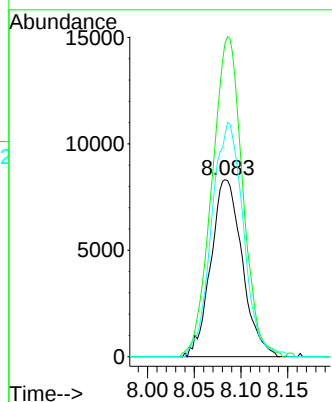
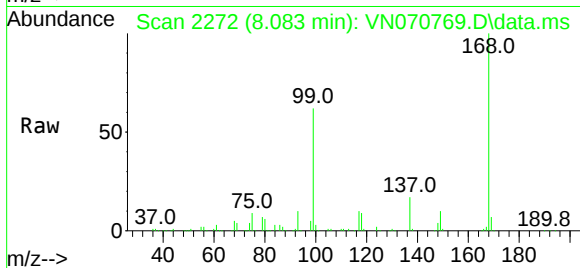




#31
Cyclohexane
Concen: 0.888 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

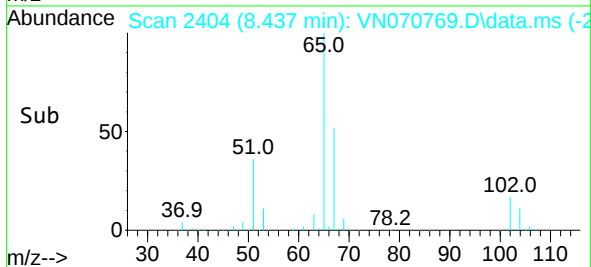
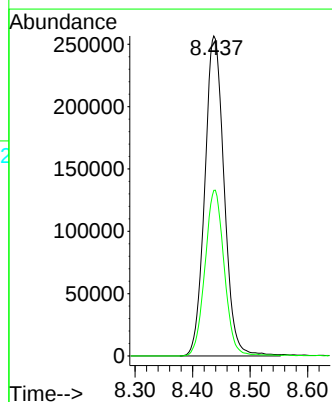
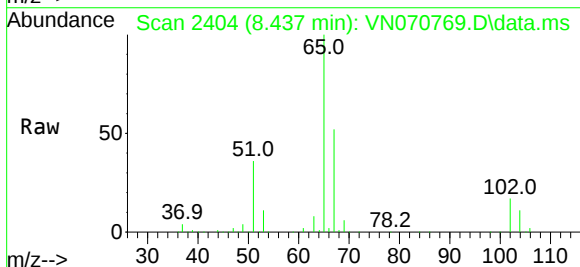
Instrument :
MSVOA_N
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VN0125WBL01

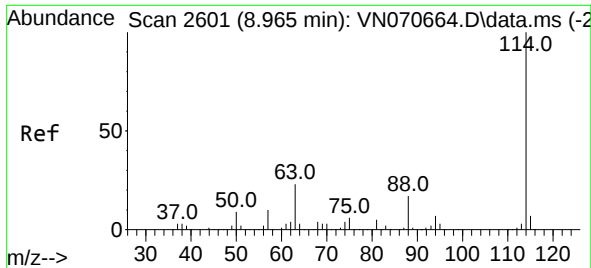
Tgt Ion: 56 Resp: 19369
Ion Ratio Lower Upper
56 100
69 177.1 27.1 40.7#
84 125.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 48.433 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Tgt Ion: 65 Resp: 600149
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

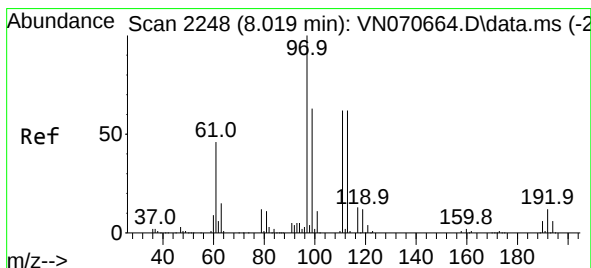
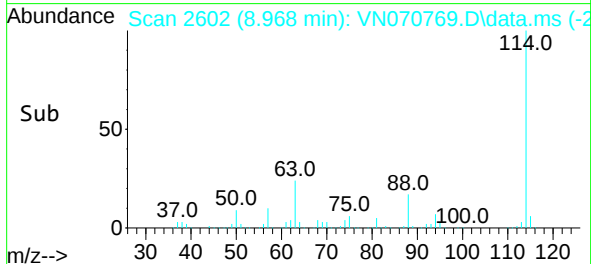
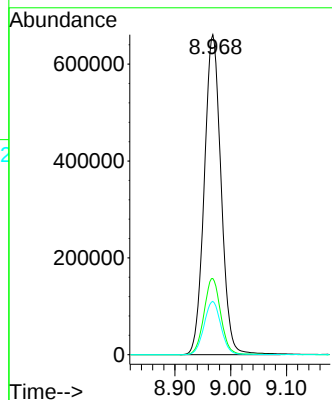
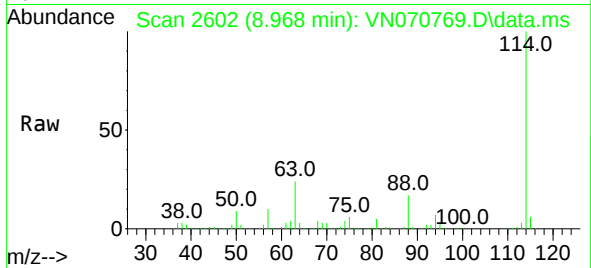




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

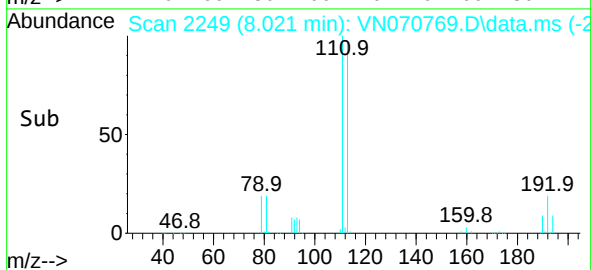
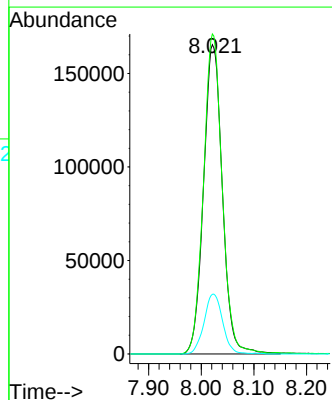
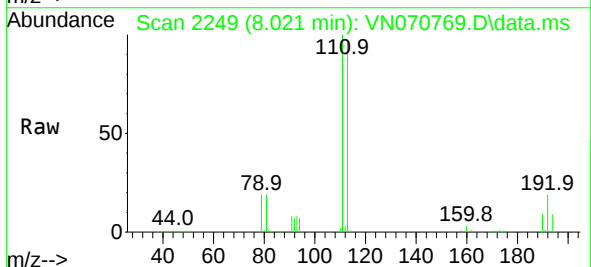
Instrument :
MSVOA_N
ClientSampleId :
VN0125WBL01

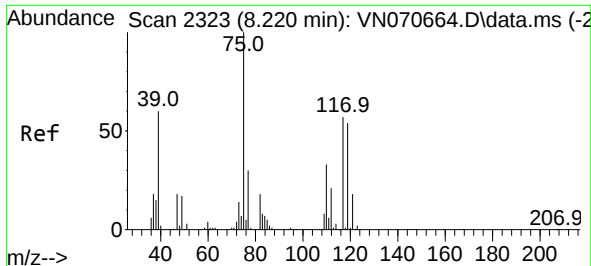
Tgt Ion:114 Resp: 1384621
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.954 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Tgt Ion:113 Resp: 411872
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.1 16.9 25.3

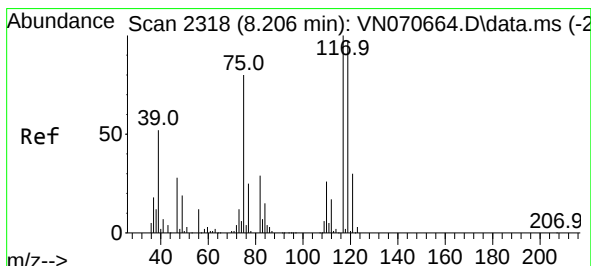
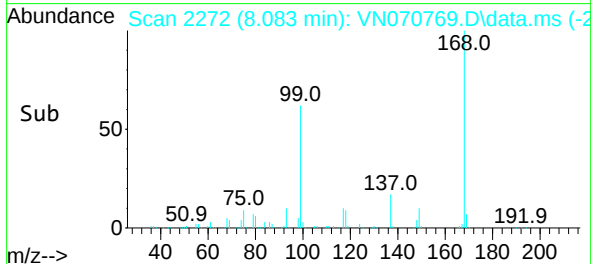
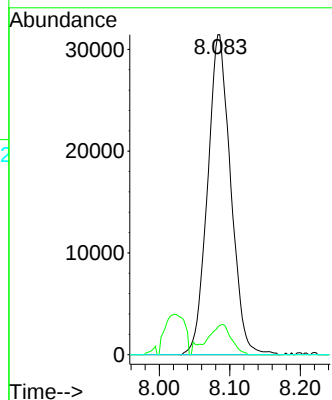
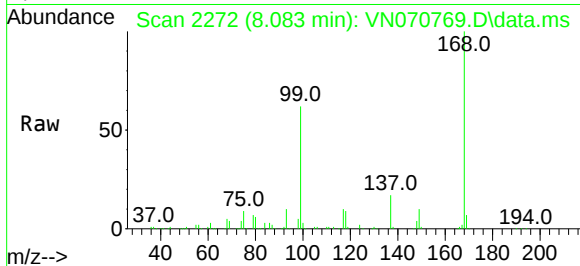




#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

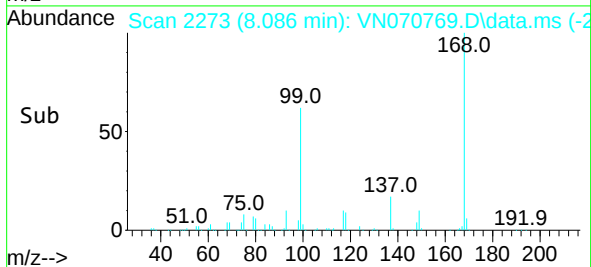
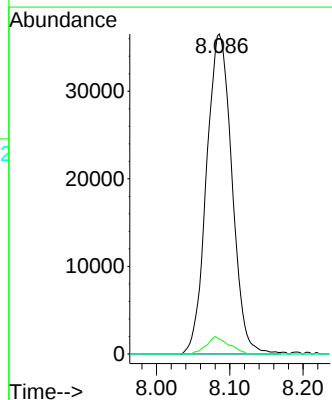
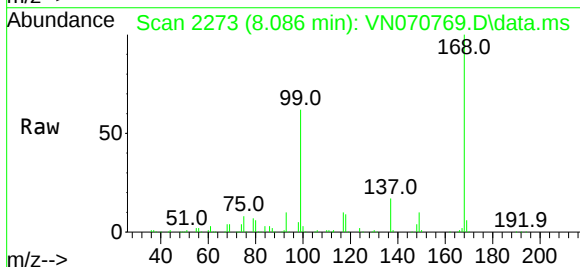
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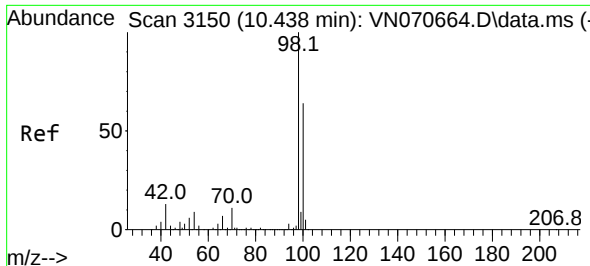
Tgt Ion: 75 Resp: 71638
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.841 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Tgt Ion: 117 Resp: 87997
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#

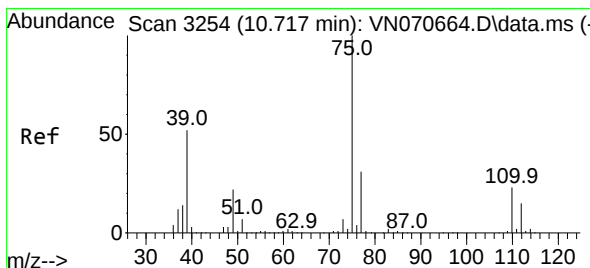
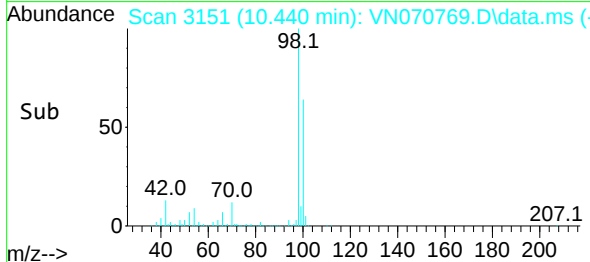
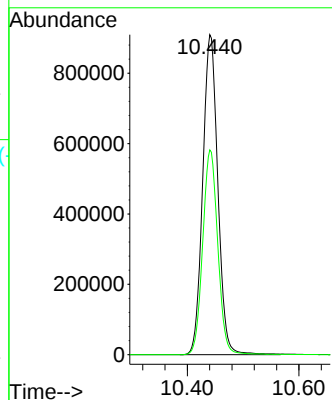
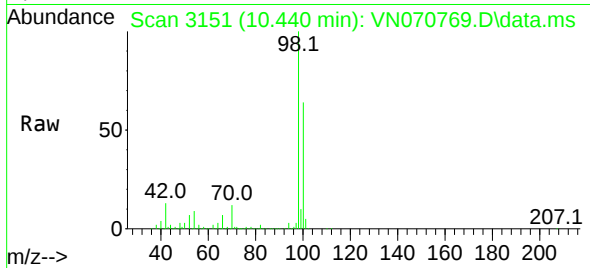




#50
Toluene-d8
Concen: 47.247 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

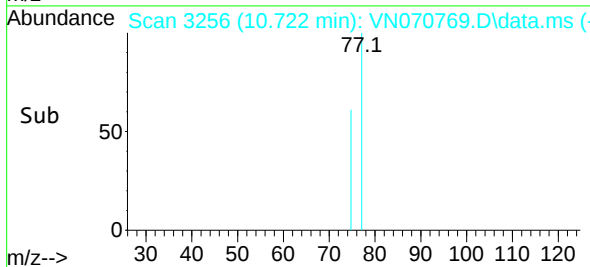
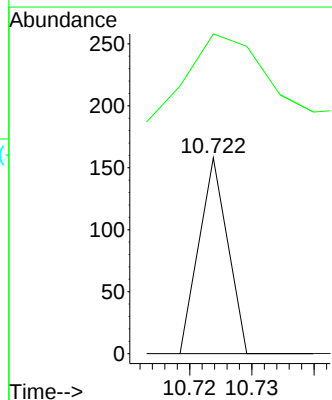
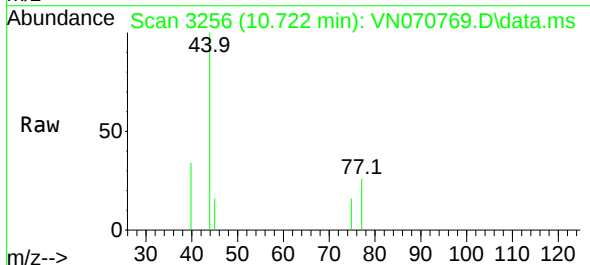
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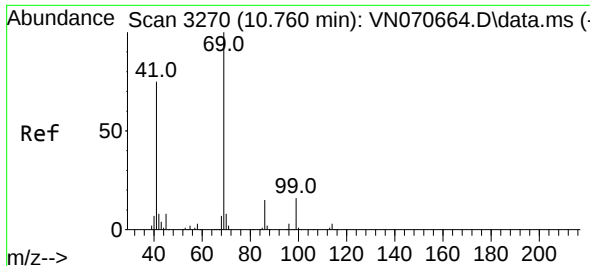
Tgt Ion: 98 Resp: 1709513
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.405 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.005 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

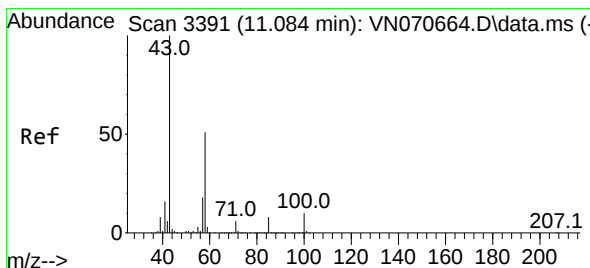
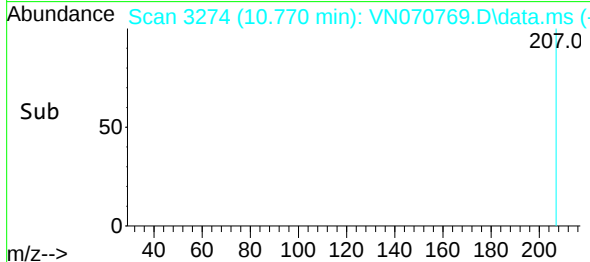
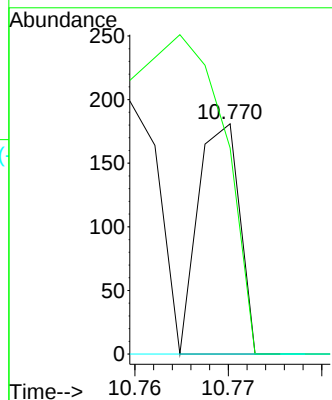
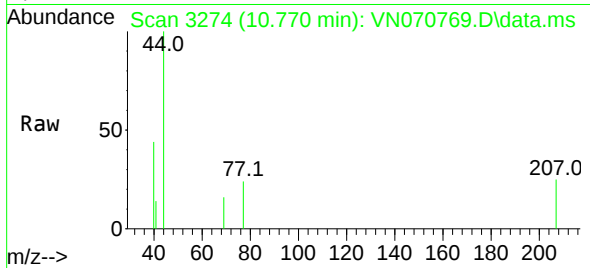




#56
Ethyl methacrylate
Concen: 2.304 ug/l
RT: 10.770 min Scan# 31
Delta R.T. 0.010 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

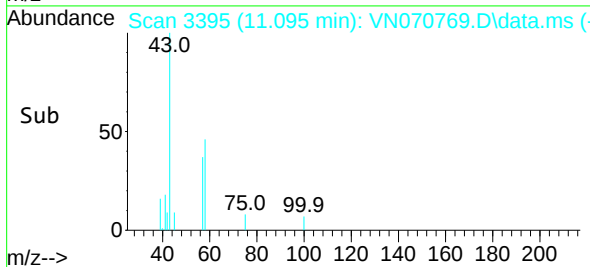
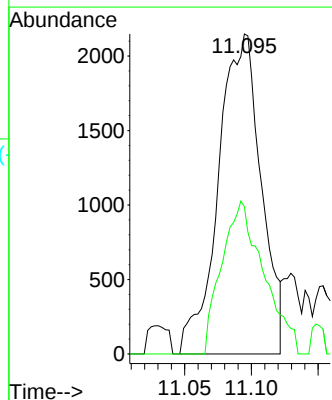
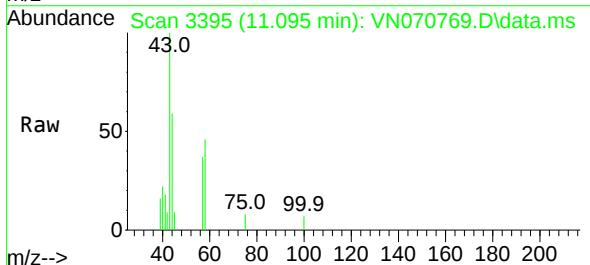
Instrument :
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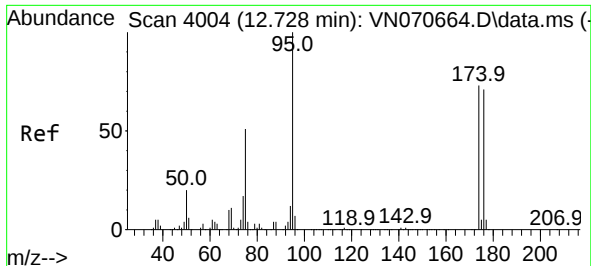
Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 482.1 51.4 77.0#
39 0.0 34.6 52.0#



#59
2-Hexanone
Concen: 0.352 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.011 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Tgt Ion: 43 Resp: 4790
Ion Ratio Lower Upper
43 100
58 46.8 26.9 80.7

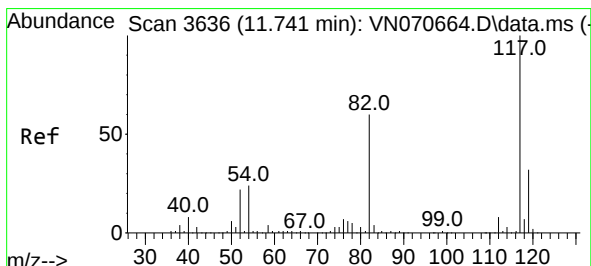
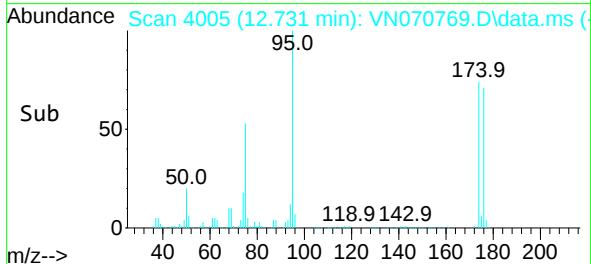
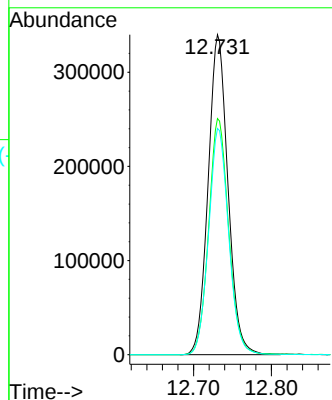
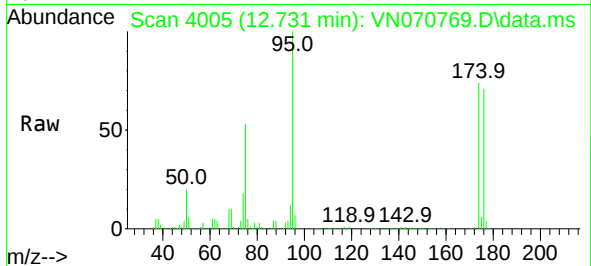




#62
4-Bromofluorobenzene
Concen: 46.539 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

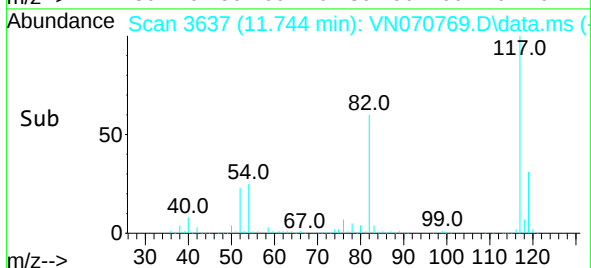
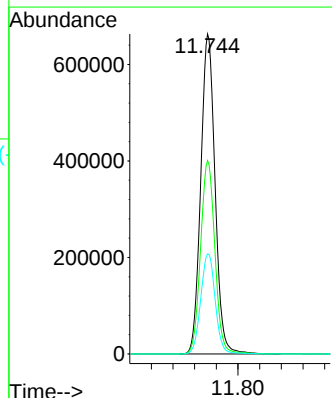
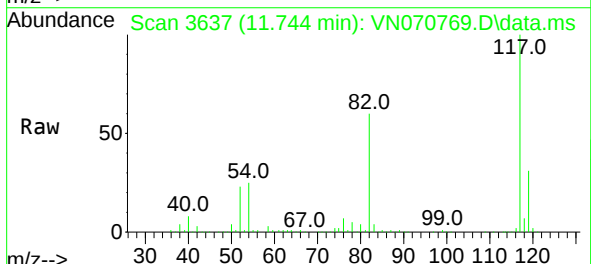
Instrument :
MSVOA_N
ClientSampleId :
VN0125WBL01

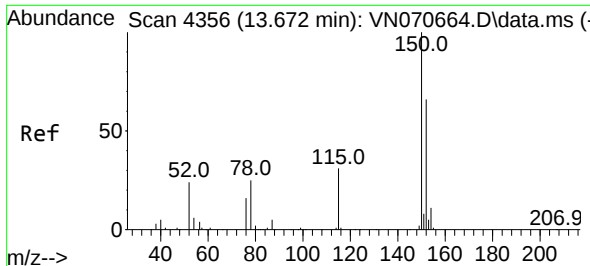
Tgt Ion: 95 Resp: 600054
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 71.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Tgt Ion: 117 Resp: 1216728
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 31.3 25.4 38.2

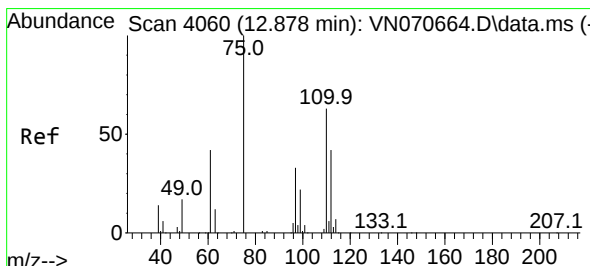
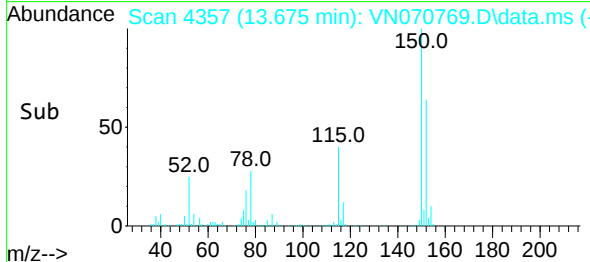
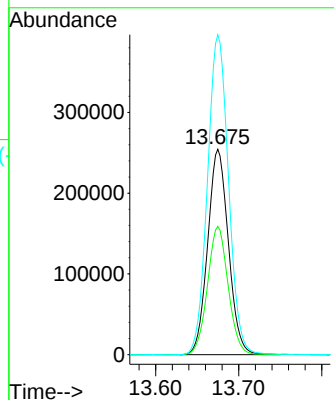
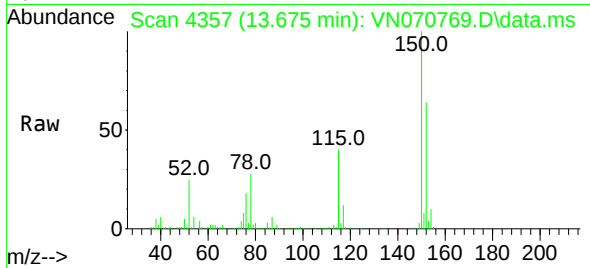




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070769.D
 Acq: 25 Jan 2022 12:20

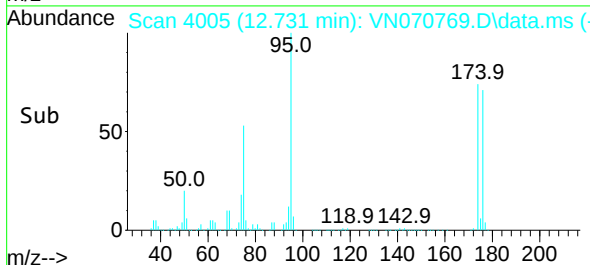
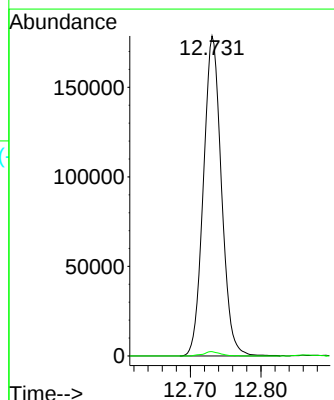
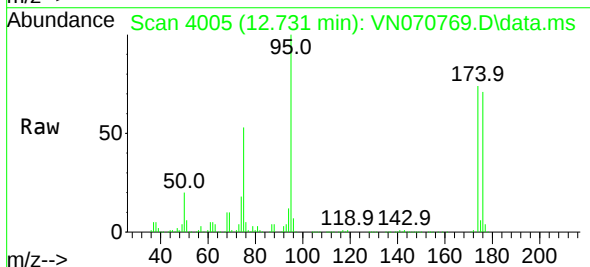
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0125WBL01

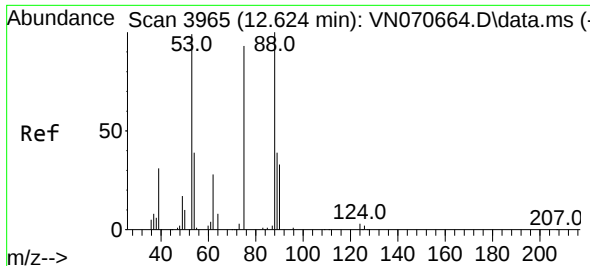
Tgt Ion:152 Resp: 440730
 Ion Ratio Lower Upper
 152 100
 115 62.4 27.5 82.5
 150 158.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 27.140 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070769.D
 Acq: 25 Jan 2022 12:20

Tgt Ion: 75 Resp: 317247
 Ion Ratio Lower Upper
 75 100
 77 1.3 82.6 247.8#

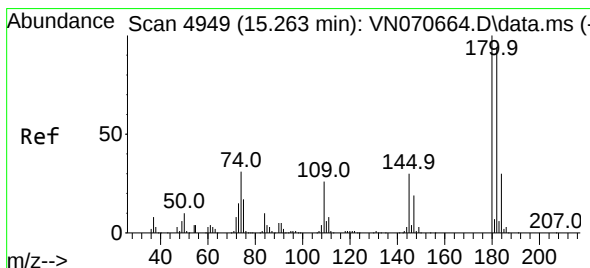
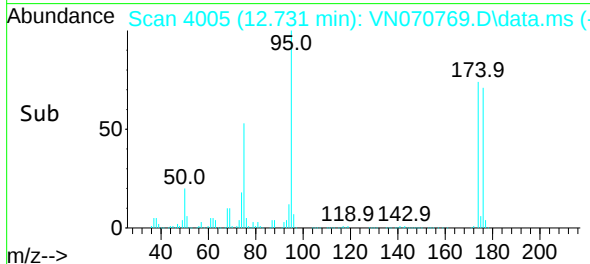
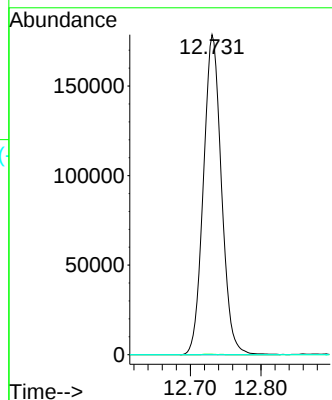
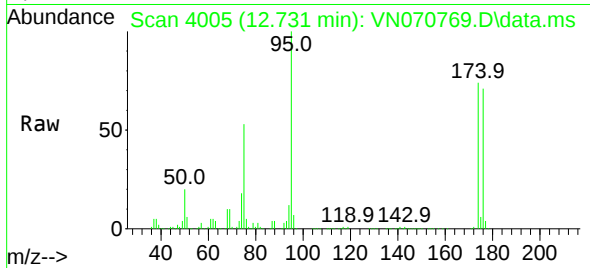




#81
trans-1,4-Dichloro-2-butene
Concen: 80.854 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

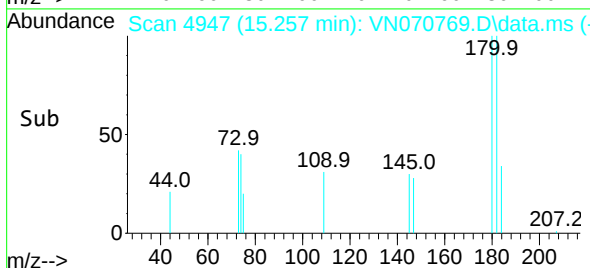
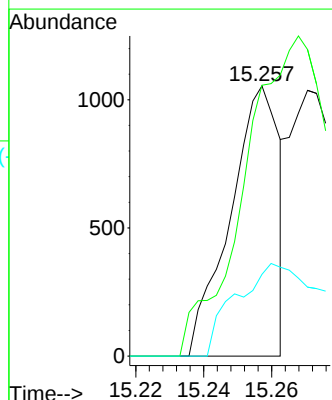
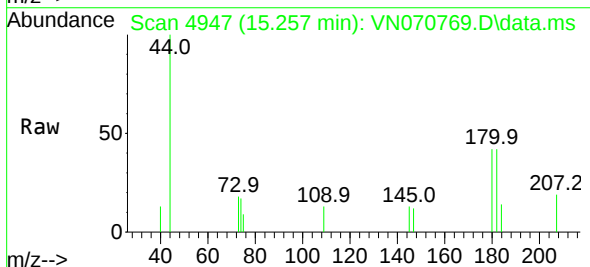
Instrument :
MSVOA_N
ClientSampleId :
VN0125WBL01

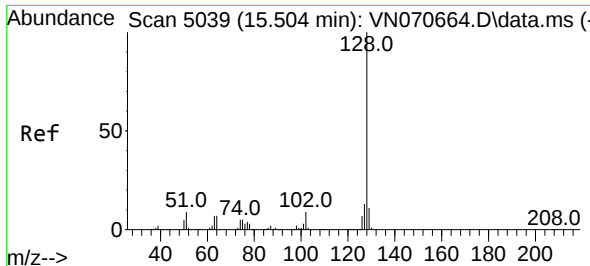
Tgt Ion: 75 Resp: 317247
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.545 ug/l
RT: 15.257 min Scan# 4947
Delta R.T. -0.006 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Tgt Ion:180 Resp: 1050
Ion Ratio Lower Upper
180 100
182 218.1 48.3 144.9#
145 57.5 14.5 43.5#

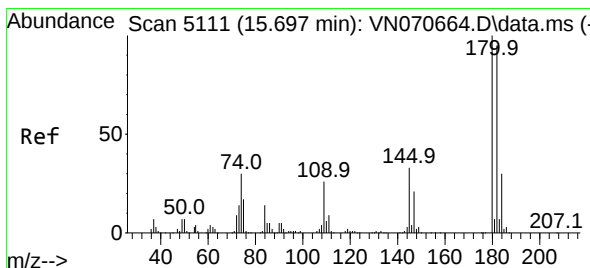
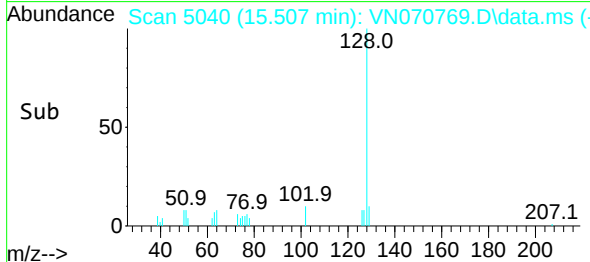
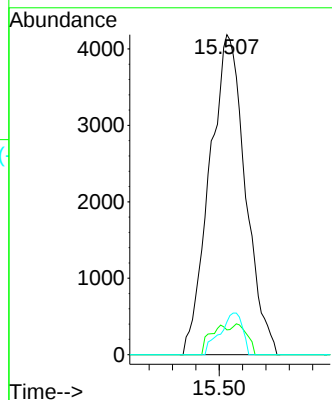
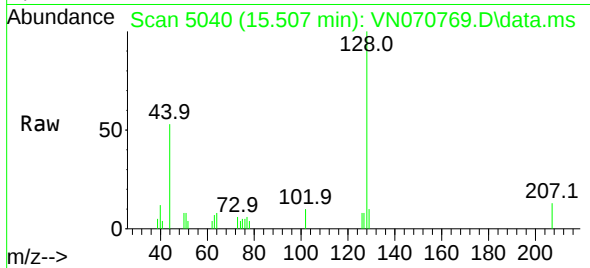




#95
Naphthalene
Concen: 5.300 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0125WBL01

Tgt Ion:128 Resp: 8907
Ion Ratio Lower Upper
128 100
127 4.5 10.5 15.7#
129 8.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.516 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.008 min
Lab File: VN070769.D
Acq: 25 Jan 2022 12:20

Tgt Ion:180 Resp: 2495
Ion Ratio Lower Upper
180 100
182 99.1 47.4 142.2
145 29.3 15.0 45.1

