

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068778.D
 Acq On : 1 Oct 2021 12:48
 Operator : JC/MD
 Sample : VN1001WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 02 03:57:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

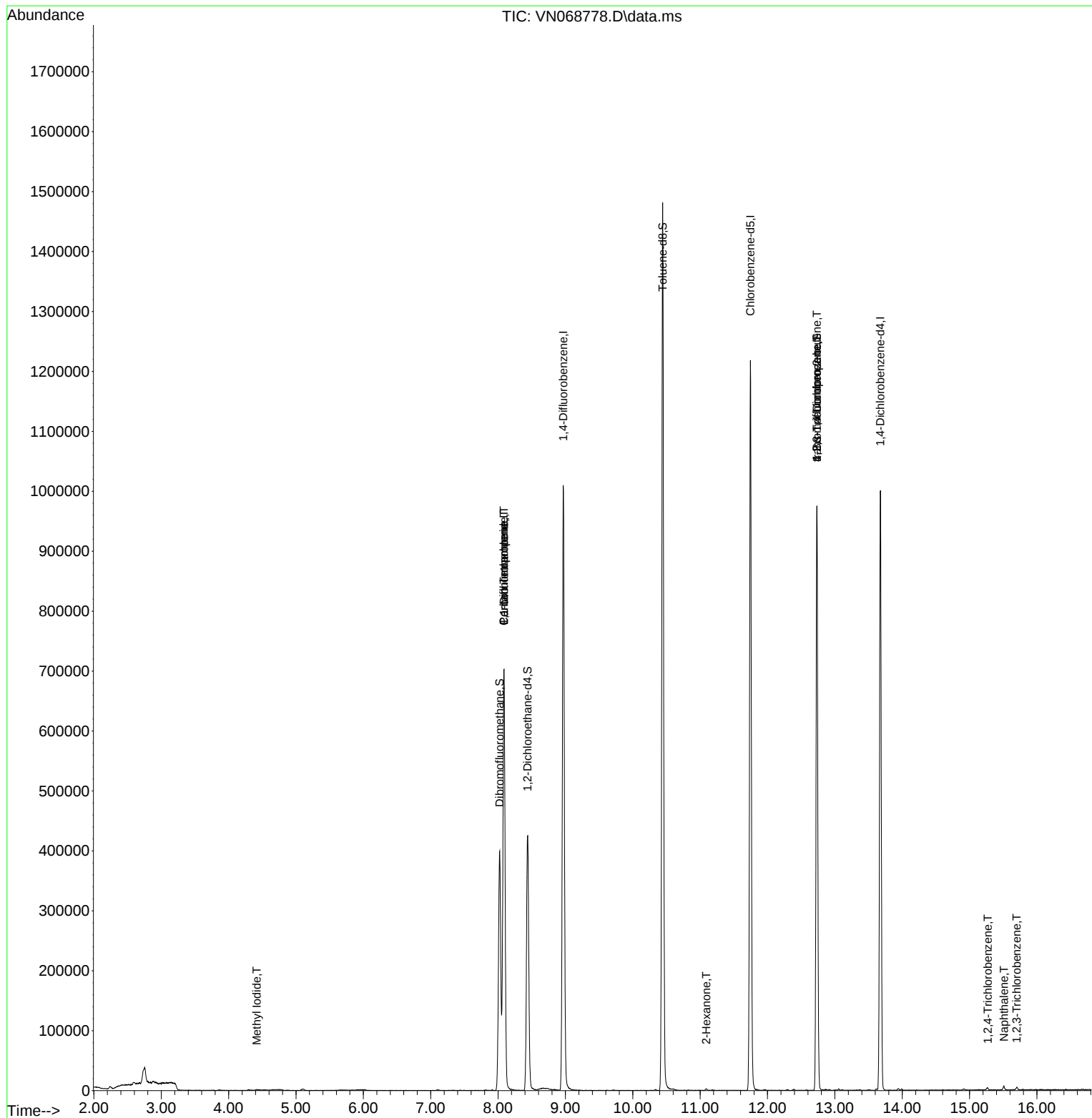
Internal Standards						
1) Pentafluorobenzene	8.088	168	504240	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	871005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	685459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	256450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	355160	50.552	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.100%			
35) Dibromofluoromethane	8.024	113	279460	51.639	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.280%			
50) Toluene-d8	10.443	98	1017996	51.477	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.733	95	311569	45.342	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.680%			
Target Compounds						
						Qvalue
3) Chloromethane	2.298	50	640	Below Cal	#	43
5) Bromomethane	2.872	94	1011	Below Cal	#	77
6) Chloroethane	3.006	64	163	Below Cal	#	44
10) Methyl Iodide	4.417	142	523	1.452 ug/l	#	38
13) Acrolein	4.046	56	78	Below Cal		91
16) Acetone	4.293	43	748	Below Cal		97
17) Carbon Disulfide	4.537	76	357	Below Cal	#	74
31) Cyclohexane	8.086	56	14369	Below Cal	#	32
36) 1,1-Dichloropropene	8.088	75	44140	5.388 ug/l	#	53
38) Carbon Tetrachloride	8.086	117	54993	5.651 ug/l	#	17
59) 2-Hexanone	11.089	43	2518	0.423 ug/l		75
76) 1,2,3-Trichloropropane	12.733	75	182687	32.033 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.733	75	182687	93.118 ug/l	#	6
93) 1,2,4-Trichlorobenzene	15.271	180	1541	0.364 ug/l		89
95) Naphthalene	15.509	128	5858	1.918 ug/l	#	91
96) 1,2,3-Trichlorobenzene	15.700	180	1657	0.409 ug/l	#	66

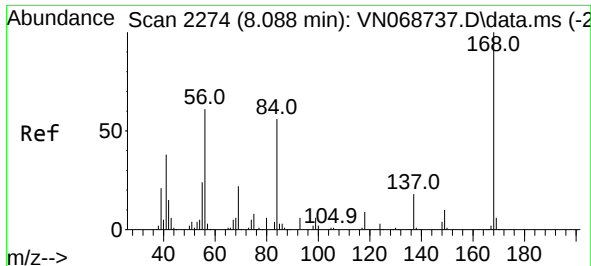
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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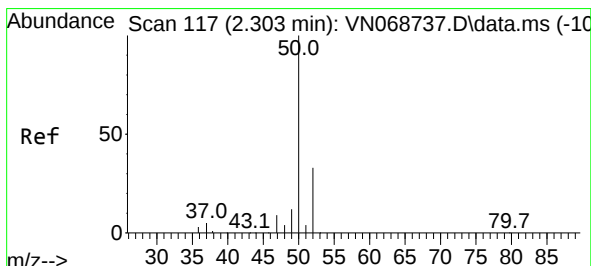
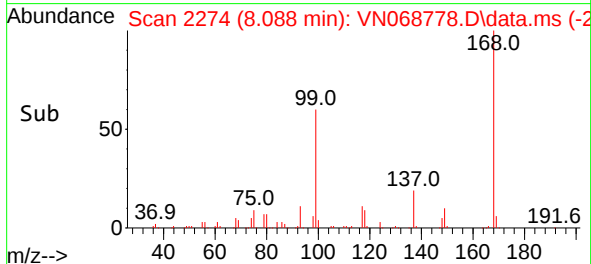
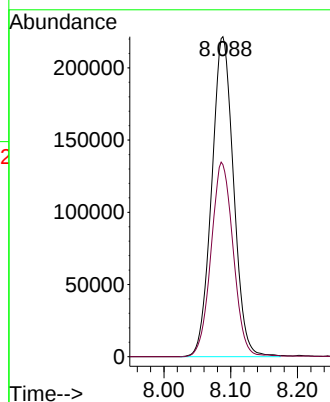
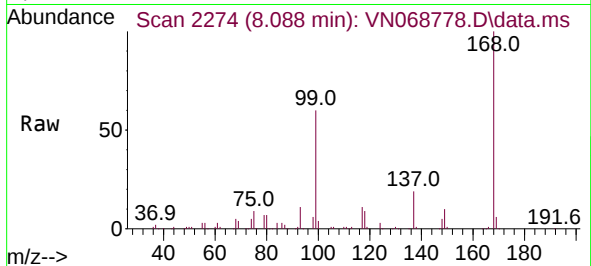




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

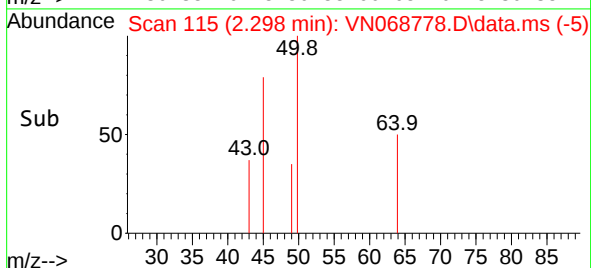
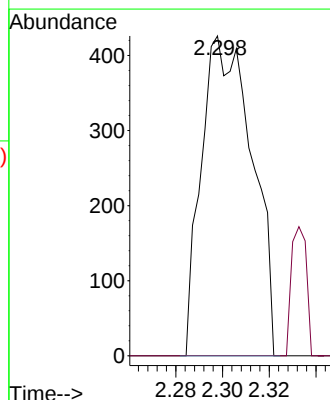
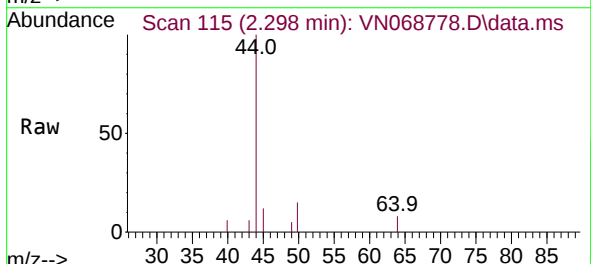
Instrument :
MSVOA_N
ClientSampled :

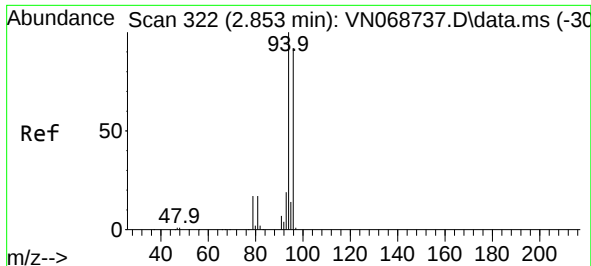
Tgt Ion:168 Resp: 504240
Ion Ratio Lower Upper
168 100
99 60.0 62.9 94.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.298 min Scan# 115
Delta R.T. -0.005 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion: 50 Resp: 640
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

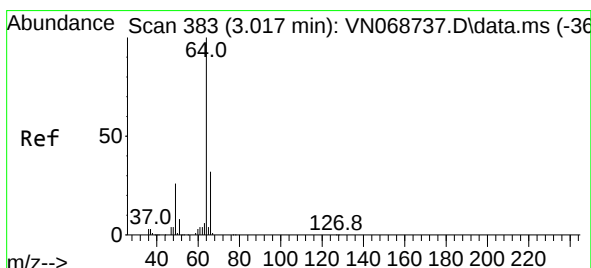
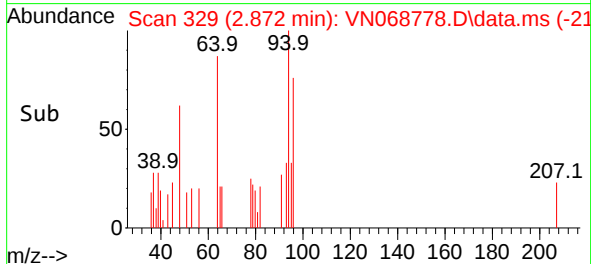
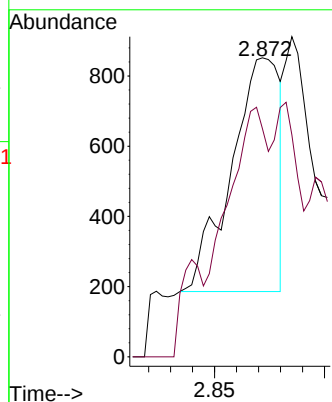
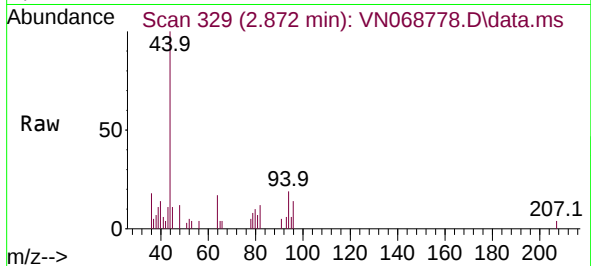




#5
Bromomethane
Concen: Below Cal
RT: 2.872 min Scan# 329
Delta R.T. 0.019 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

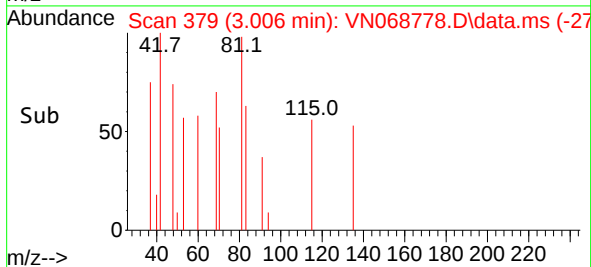
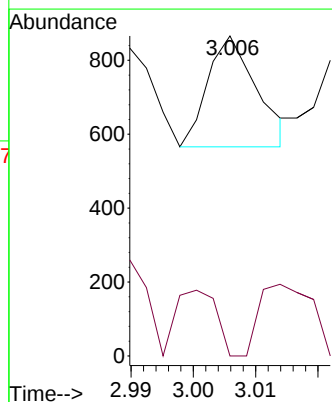
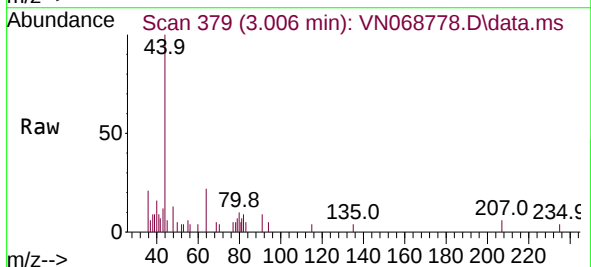
Instrument :
MSVOA_N
ClientSampled :

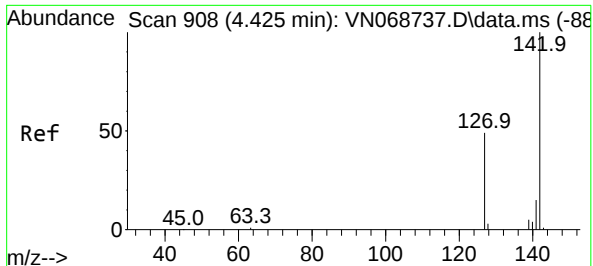
Tgt Ion: 94 Resp: 1011
Ion Ratio Lower Upper
94 100
96 70.6 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.006 min Scan# 379
Delta R.T. -0.011 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion: 64 Resp: 163
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

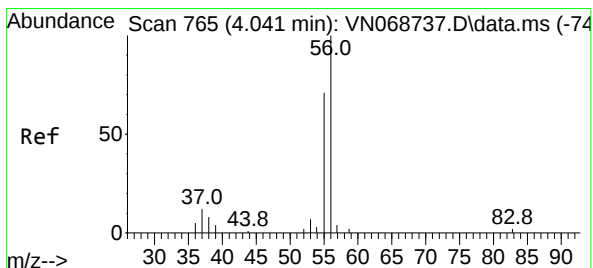
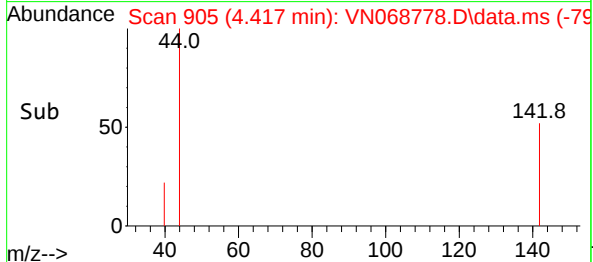
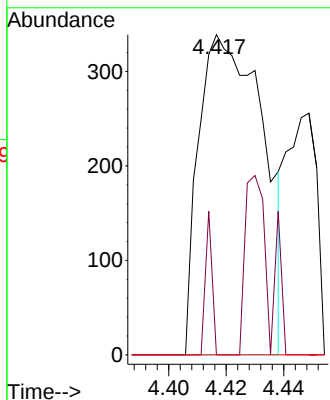
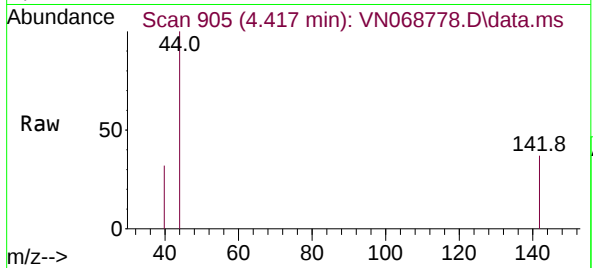




#10
Methyl Iodide
Concen: 1.452 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.008 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

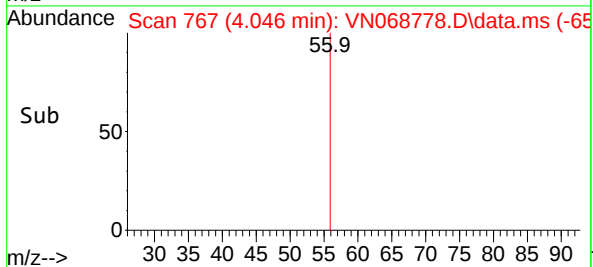
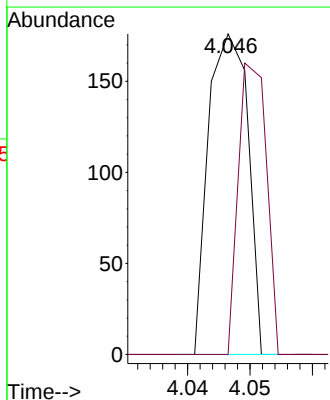
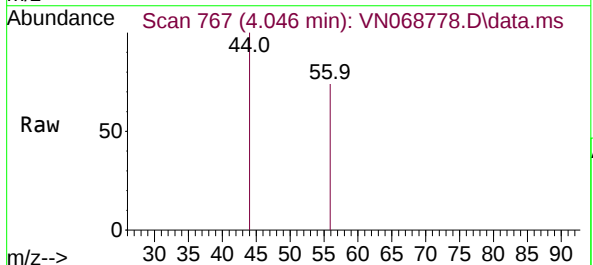
Instrument :
MSVOA_N
ClientSampled :

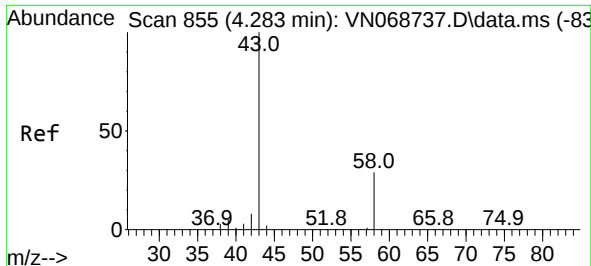
Tgt Ion:142 Resp: 523
Ion Ratio Lower Upper
142 100
127 4.6 43.1 64.7#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: Below Cal
RT: 4.046 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 64.1 57.4 86.0

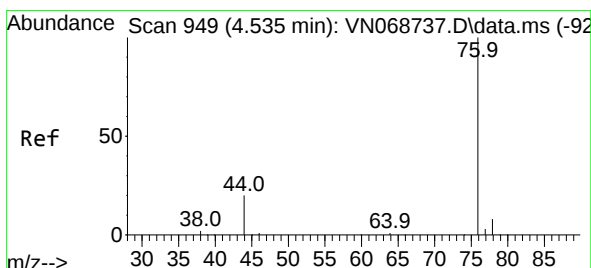
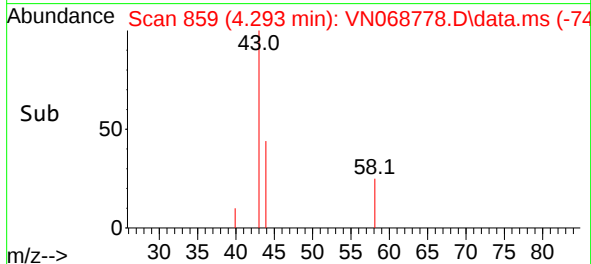
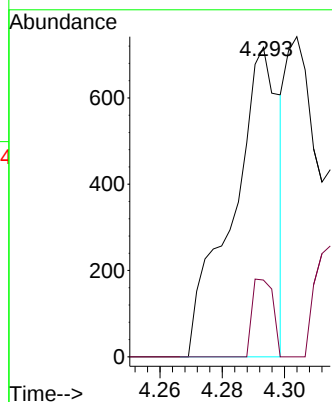
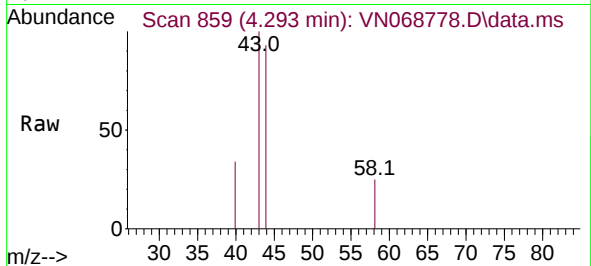




#16
Acetone
Concen: Below Cal
RT: 4.293 min Scan# 859
Delta R.T. 0.010 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

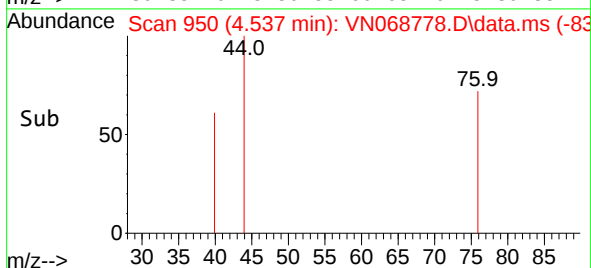
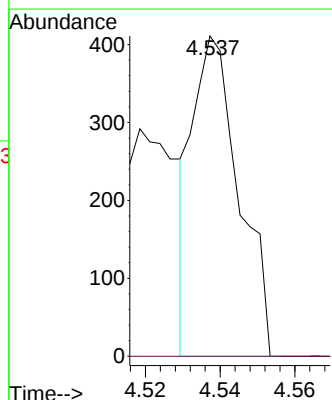
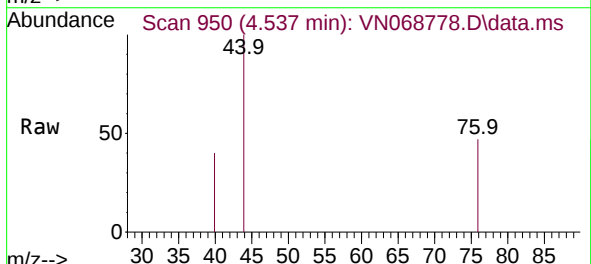
Instrument :
MSVOA_N
ClientSampled :

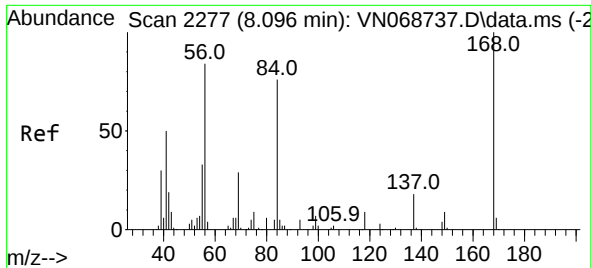
Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 24.8 21.2 31.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.537 min Scan# 950
Delta R.T. 0.002 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion: 76 Resp: 357
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

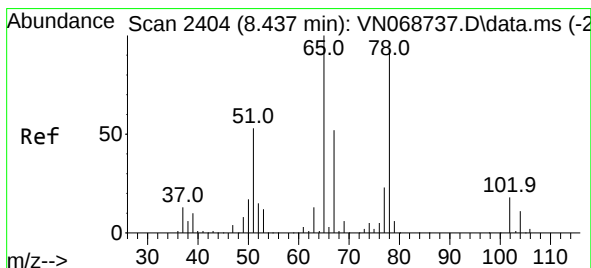
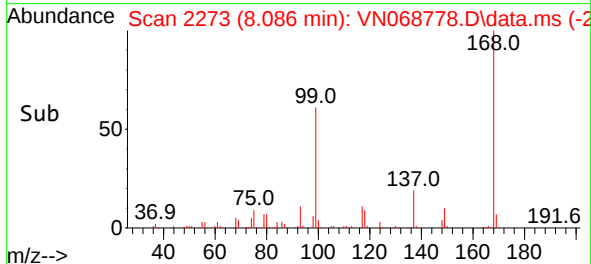
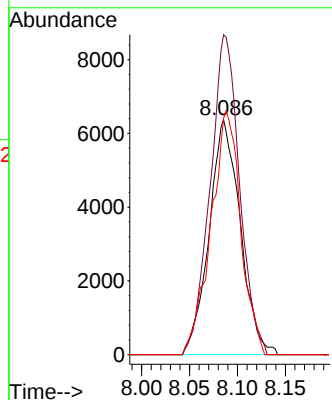
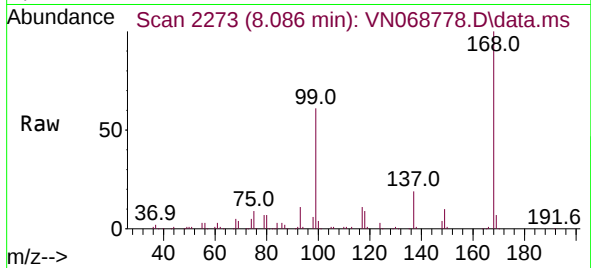




#31
Cyclohexane
Concen: Below Cal
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

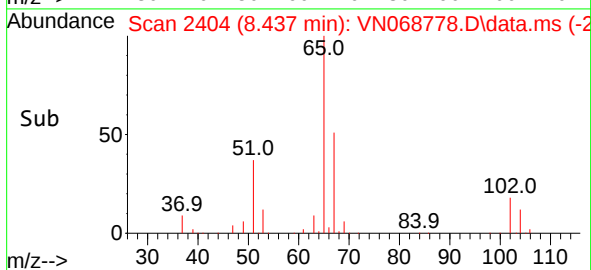
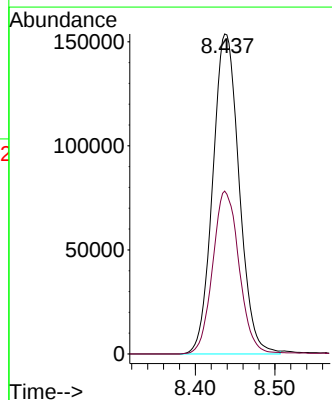
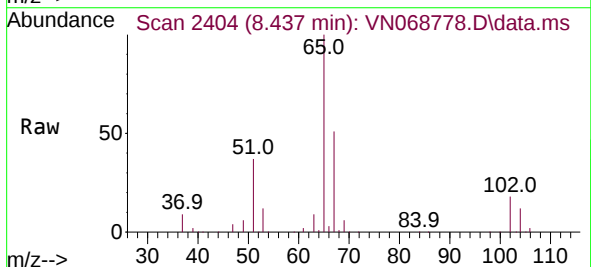
Instrument :
MSVOA_N
ClientSampled :

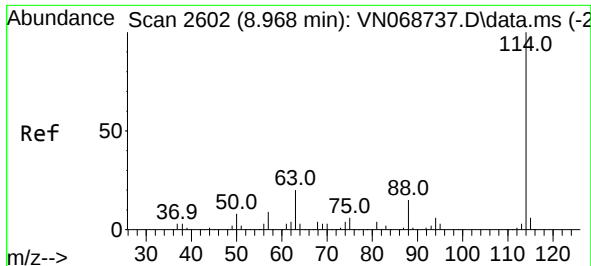
Tgt Ion: 56 Resp: 14369
Ion Ratio Lower Upper
56 100
69 136.1 27.3 40.9#
84 100.5 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.552 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion: 65 Resp: 355160
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6

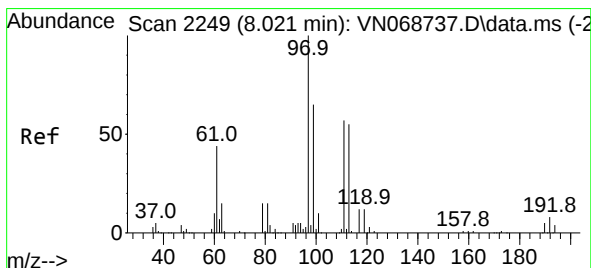
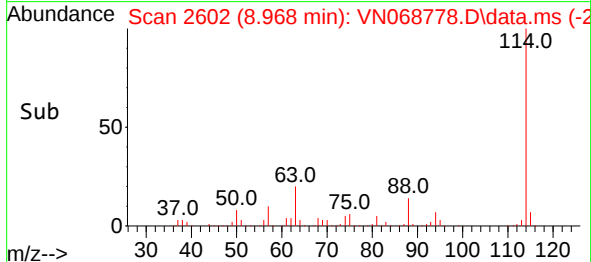
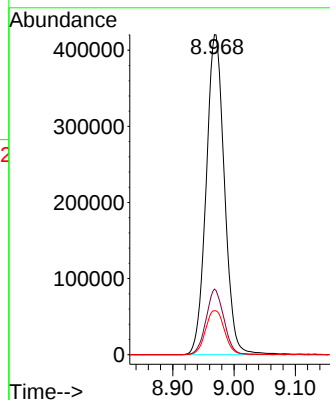
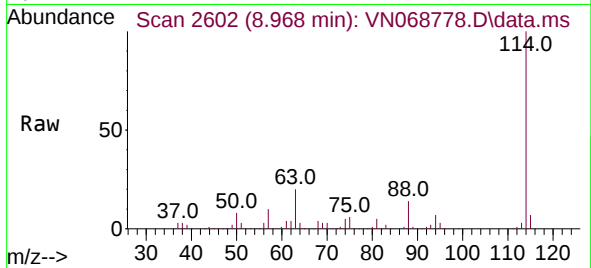




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

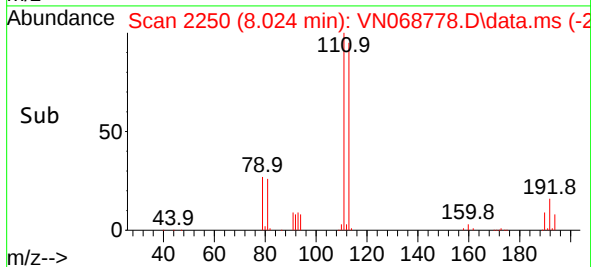
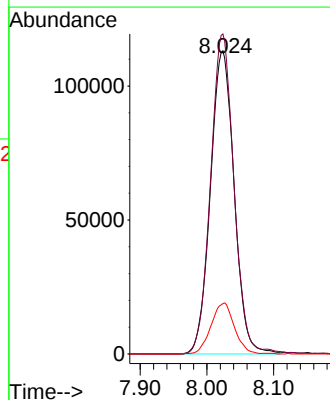
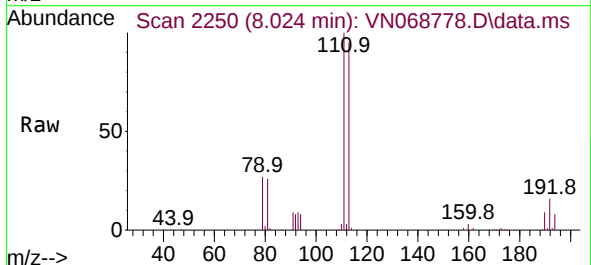
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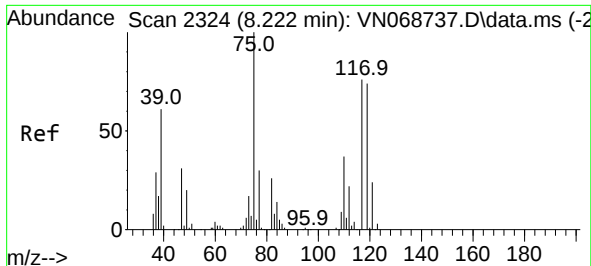
Tgt Ion:114 Resp: 871005
Ion Ratio Lower Upper
114 100
63 20.5 0.0 49.0
88 13.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.639 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion:113 Resp: 279460
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 16.6 13.4 20.0

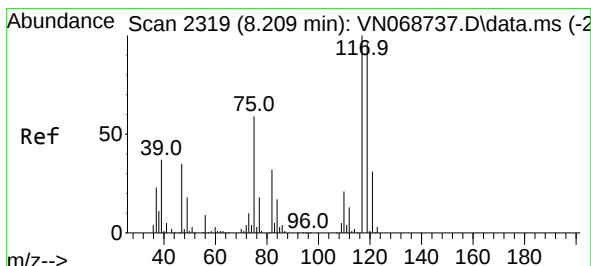
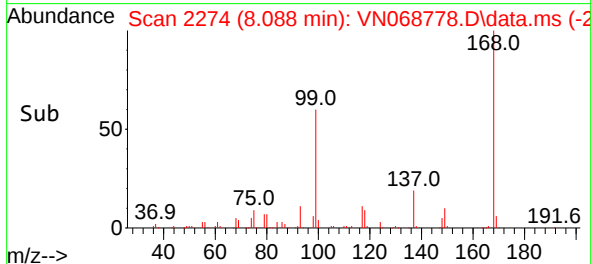
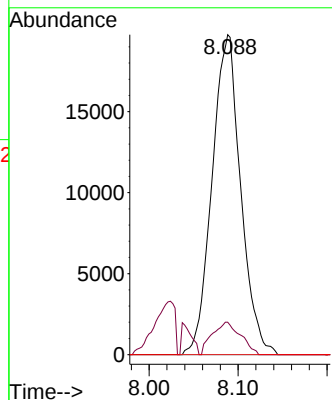
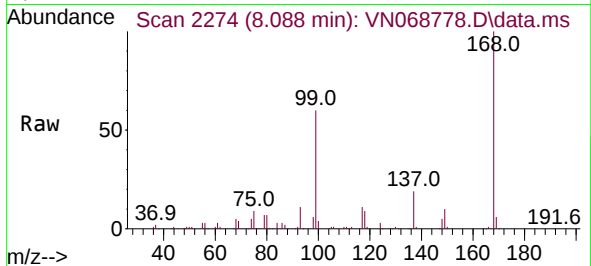




#36
 1,1-Dichloropropene
 Concen: 5.388 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN068778.D
 Acq: 1 Oct 2021 12:48

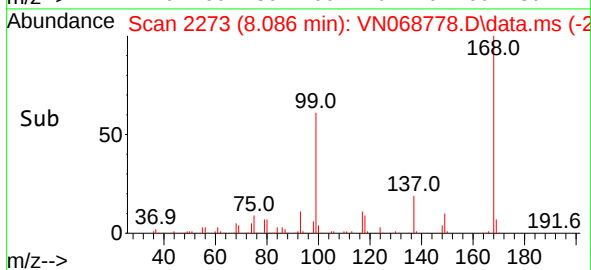
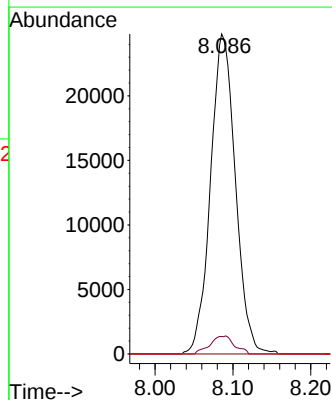
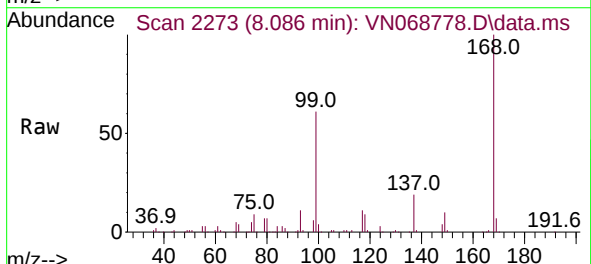
Instrument :
 MSVOA_N
 ClientSampled :

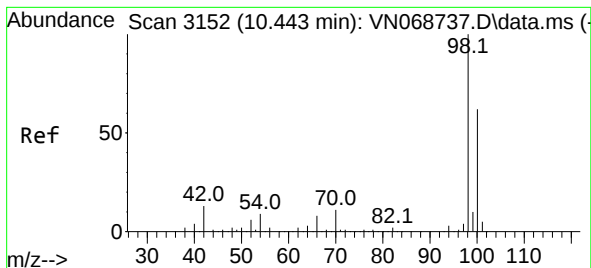
Tgt Ion: 75 Resp: 44140
 Ion Ratio Lower Upper
 75 100
 110 10.0 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.651 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.123 min
 Lab File: VN068778.D
 Acq: 1 Oct 2021 12:48

Tgt Ion: 117 Resp: 54993
 Ion Ratio Lower Upper
 117 100
 119 5.5 75.4 113.2#
 121 0.0 23.5 35.3#

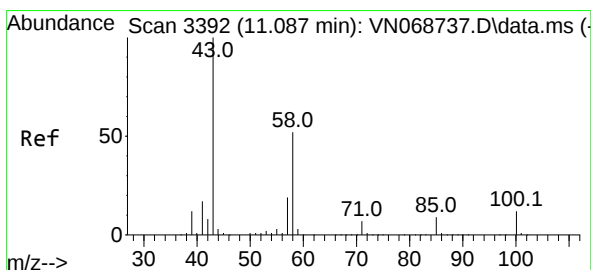
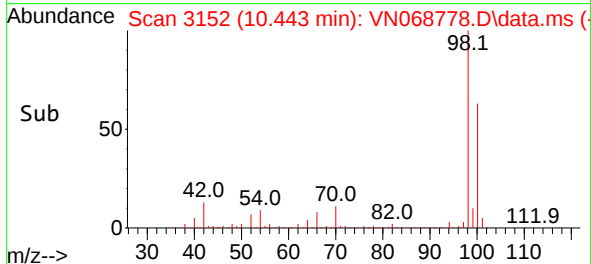
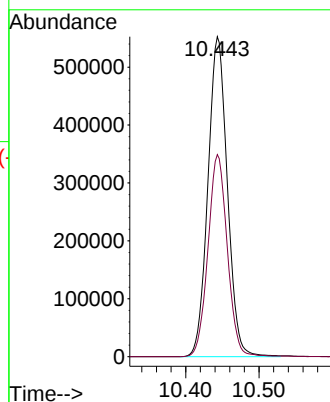
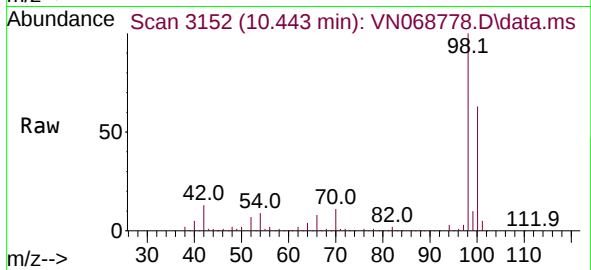




#50
Toluene-d8
Concen: 51.477 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

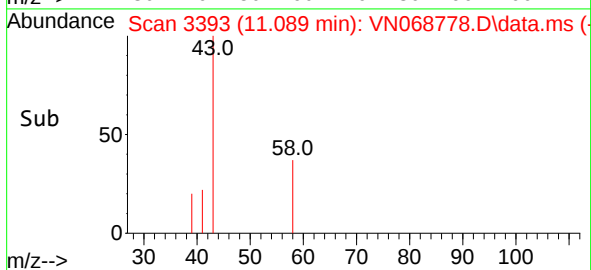
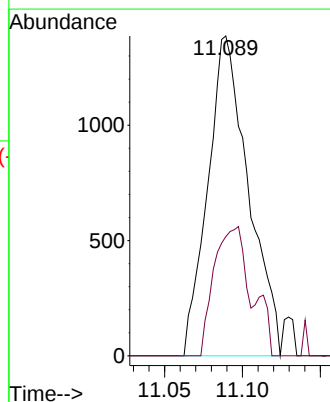
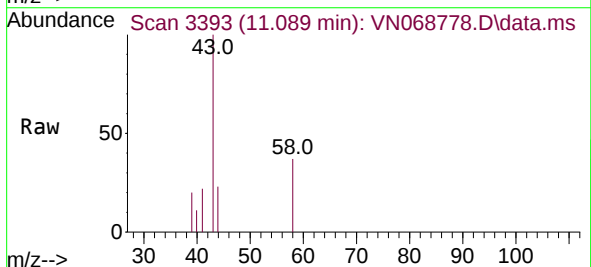
Instrument :
MSVOA_N
ClientSampled :

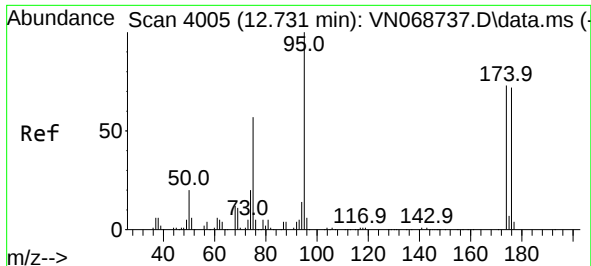
Tgt Ion: 98 Resp: 1017996
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#59
2-Hexanone
Concen: 0.423 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
58 32.3 24.7 74.1

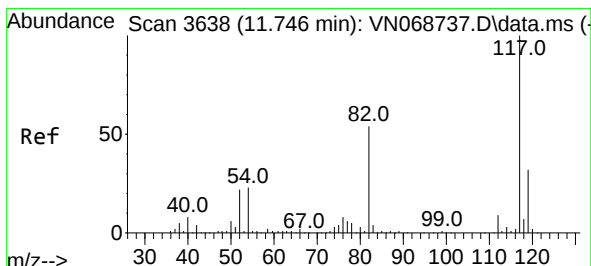
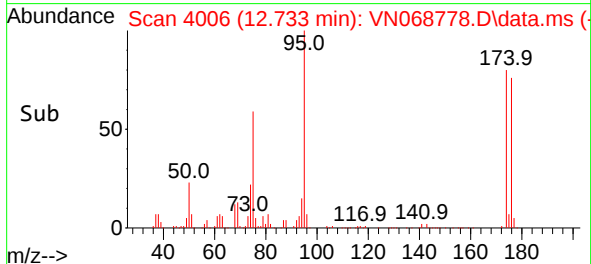
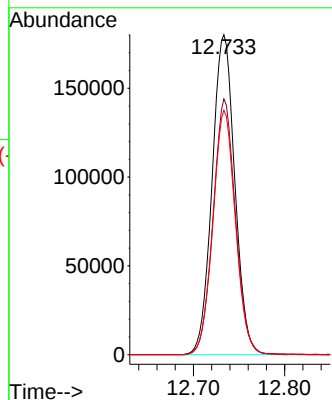
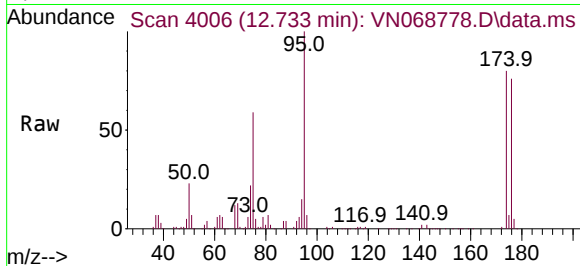




#62
4-Bromofluorobenzene
Concen: 45.342 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

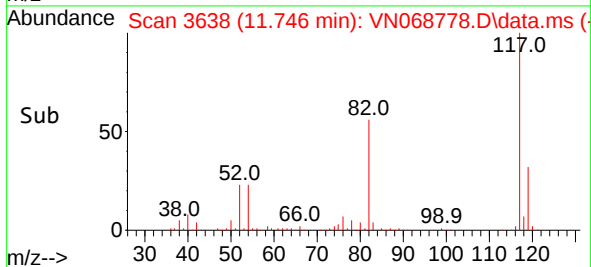
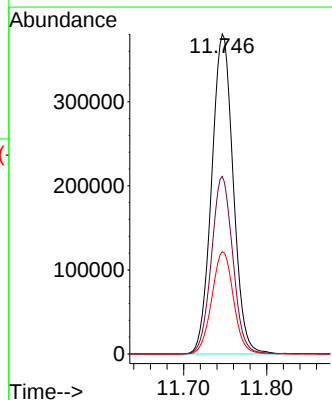
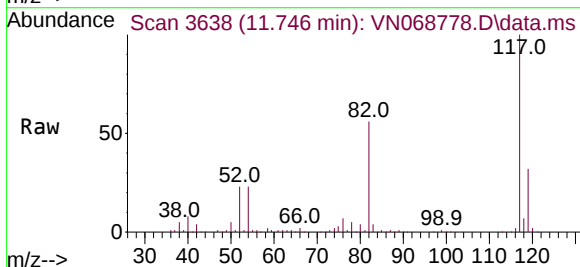
Instrument :
MSVOA_N
ClientSampleId :

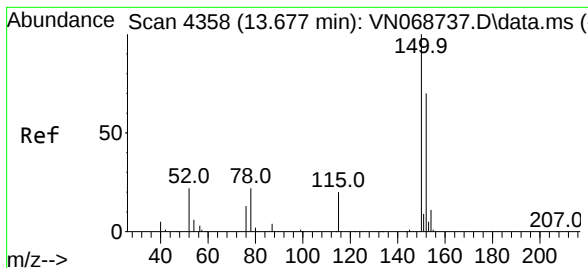
Tgt Ion: 95 Resp: 311569
Ion Ratio Lower Upper
95 100
174 78.9 0.0 122.0
176 75.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion: 117 Resp: 685459
Ion Ratio Lower Upper
117 100
82 55.5 53.1 79.7
119 31.9 25.5 38.3

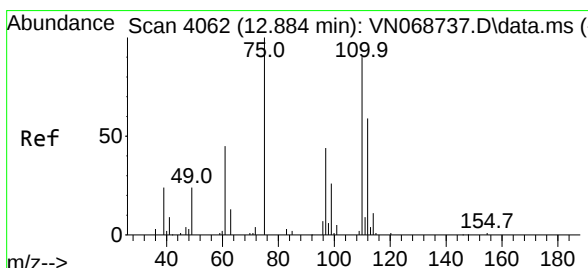
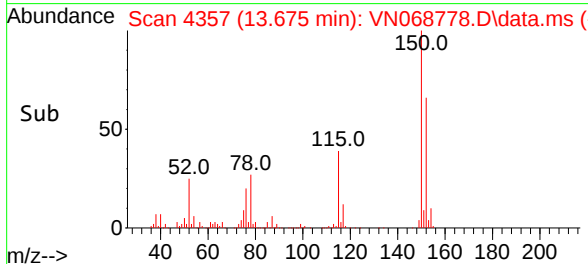
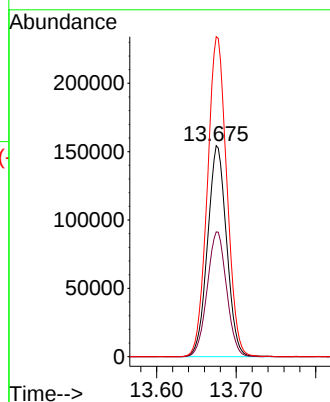
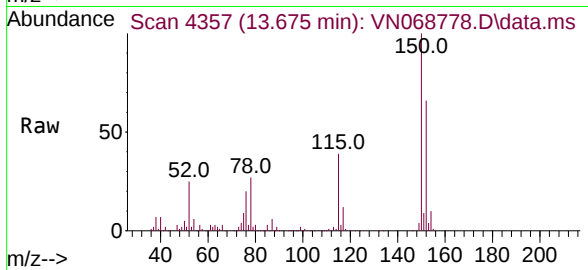




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 4357
 Delta R.T. -0.002 min
 Lab File: VN068778.D
 Acq: 1 Oct 2021 12:48

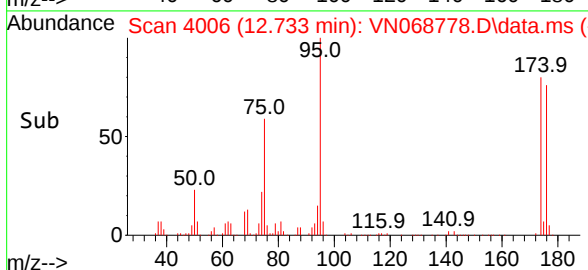
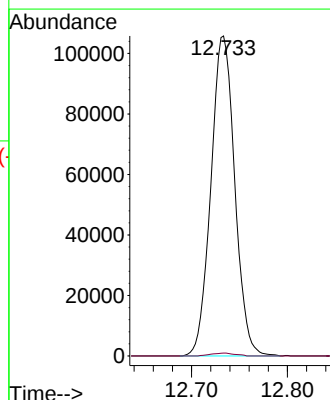
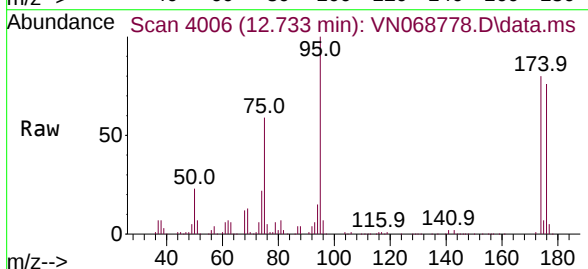
Instrument :
 MSVOA_N
 ClientSampled :

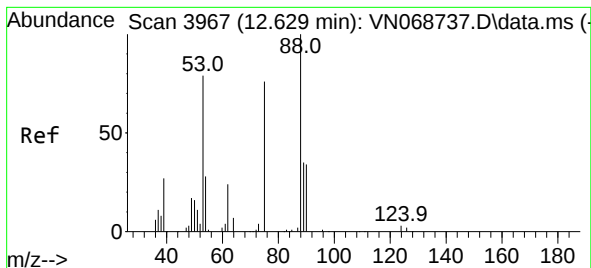
Tgt Ion:152 Resp: 256450
 Ion Ratio Lower Upper
 152 100
 115 60.3 36.1 108.5
 150 155.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 32.033 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.151 min
 Lab File: VN068778.D
 Acq: 1 Oct 2021 12:48

Tgt Ion: 75 Resp: 182687
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#

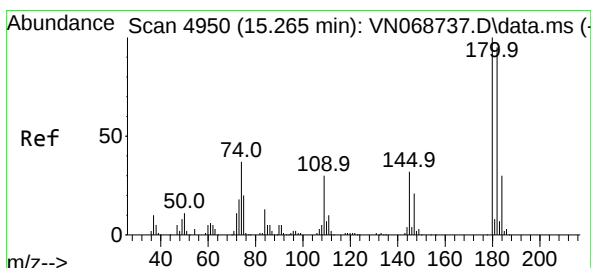
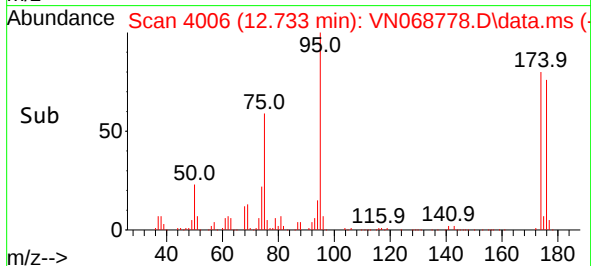
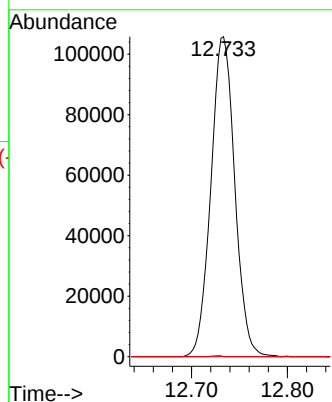
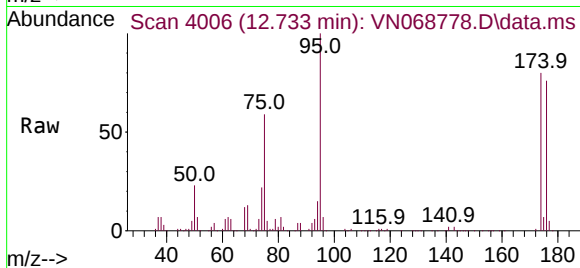




#81
trans-1,4-Dichloro-2-butene
Concen: 93.118 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

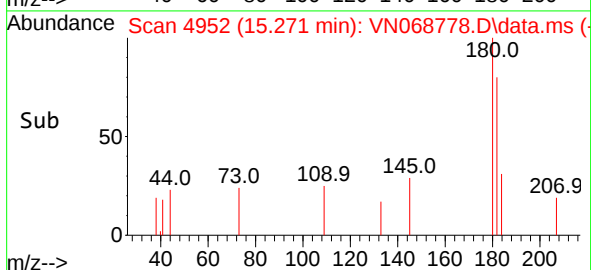
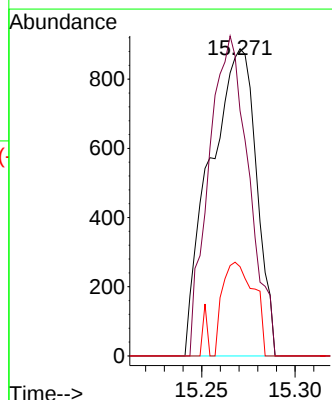
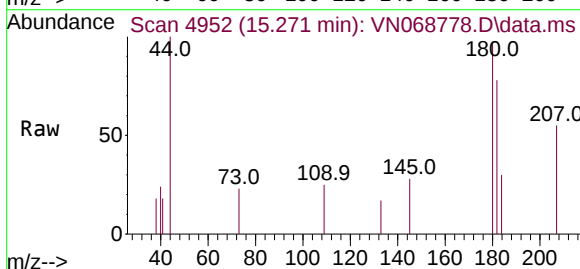
Instrument :
MSVOA_N
ClientSampled :

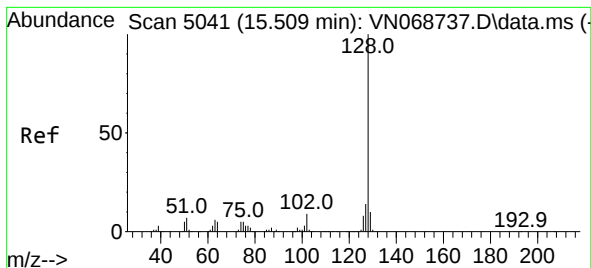
Tgt Ion: 75 Resp: 182687
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.364 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion:180 Resp: 1541
Ion Ratio Lower Upper
180 100
182 89.3 47.5 142.5
145 20.7 17.2 51.6

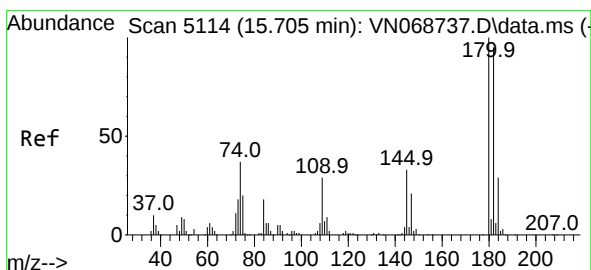
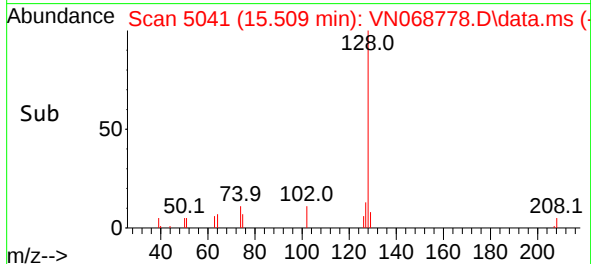
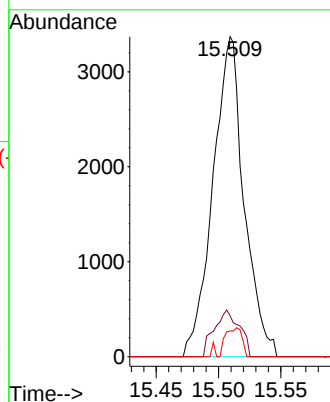
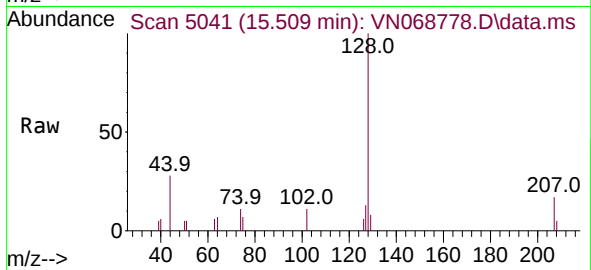




#95
Naphthalene
Concen: 1.918 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 5858
Ion Ratio Lower Upper
128 100
127 11.8 10.6 15.8
129 4.8 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.409 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.005 min
Lab File: VN068778.D
Acq: 1 Oct 2021 12:48

Tgt Ion:180 Resp: 1657
Ion Ratio Lower Upper
180 100
182 64.6 47.8 143.3
145 13.6 18.2 54.6#

