

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069172.D
 Acq On : 26 Oct 2021 00:01
 Operator : JC/MD
 Sample : M4334-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

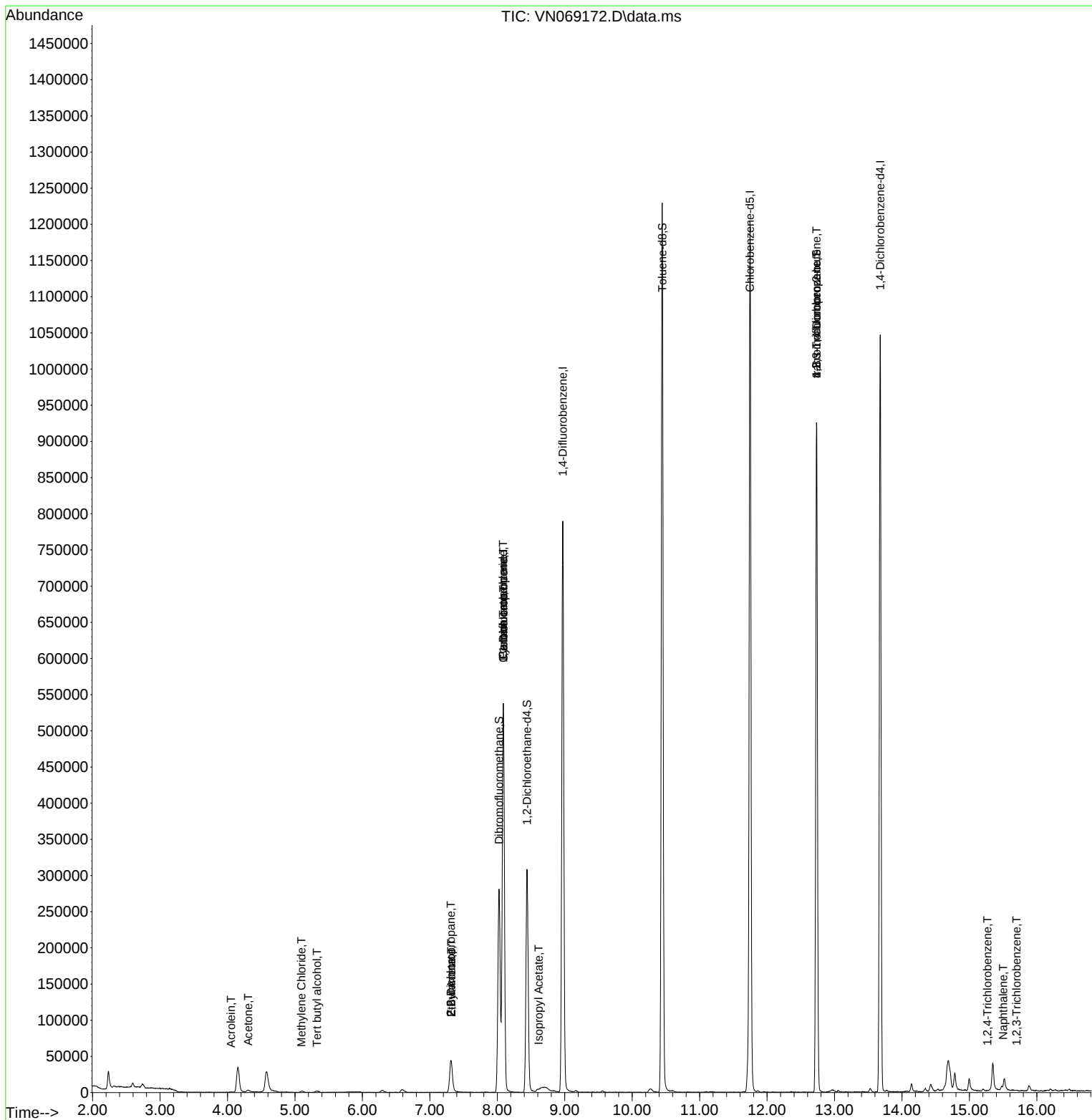
Quant Time: Oct 26 01:38:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

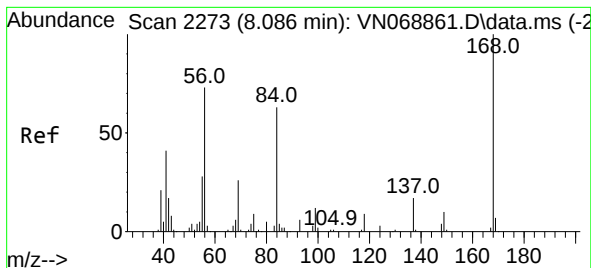
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	406859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	720815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	715701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	279026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	266500	49.680	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.360%
35) Dibromofluoromethane	8.027	113	209829	50.034	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.060%
50) Toluene-d8	10.446	98	898341	53.537	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.080%
62) 4-Bromofluorobenzene	12.733	95	342415	54.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.329	59	1121	1.144	ug/l #	72
13) Acrolein	4.052	56	328	0.756	ug/l #	71
16) Acetone	4.309	43	5840	2.917	ug/l #	89
20) Methylene Chloride	5.095	84	1728	0.375	ug/l #	79
25) 2-Butanone	7.319	43	2906	0.960	ug/l #	48
26) 2,2-Dichloropropane	7.311	77	3263	0.430	ug/l #	53
31) Cyclohexane	8.091	56	9167	1.099	ug/l #	3
36) 1,1-Dichloropropene	8.091	75	33783	5.487	ug/l #	49
37) Ethyl Acetate	7.319	43	2906	0.457	ug/l #	14
38) Carbon Tetrachloride	8.088	117	41600	6.152	ug/l #	16
43) Isopropyl Acetate	8.614	43	3657	0.326	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	176152	29.671	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	176152	70.986	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	117	2.625	ug/l #	45
95) Naphthalene	15.501	128	1256	3.901	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.700	180	58	2.526	ug/l #	12

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

Quant Time: Oct 26 01:38:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

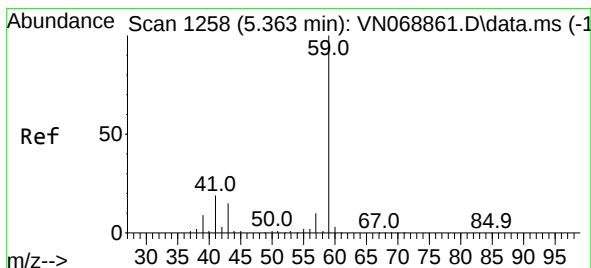
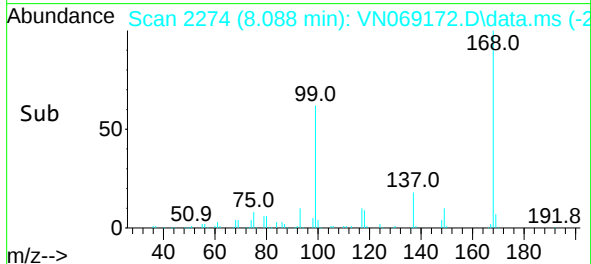
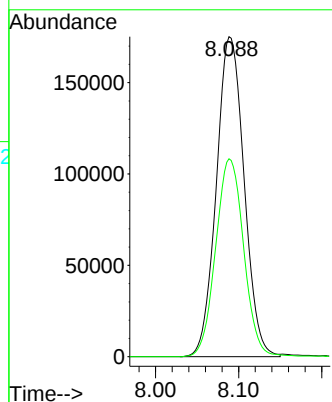
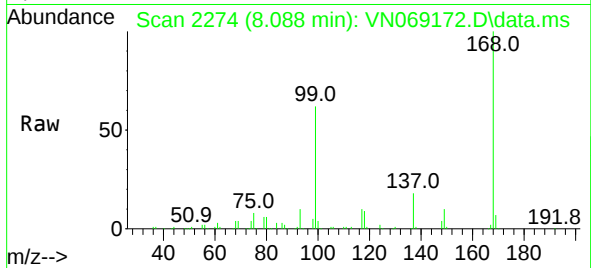




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

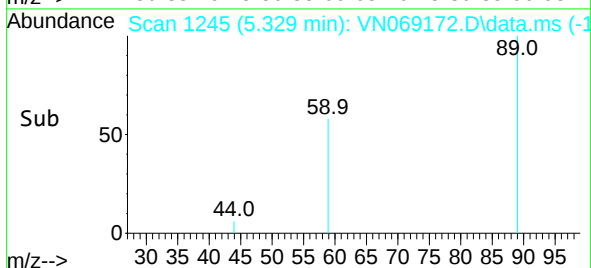
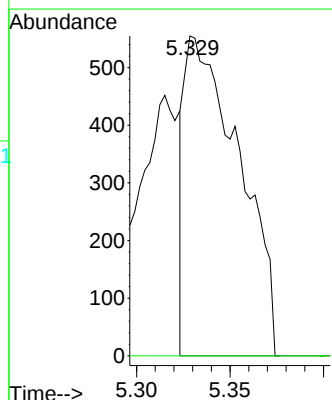
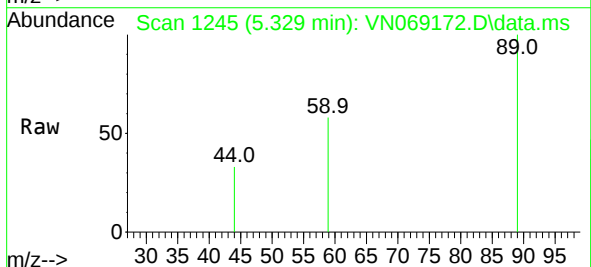
Instrument :
MSVOA_N
ClientSampled :

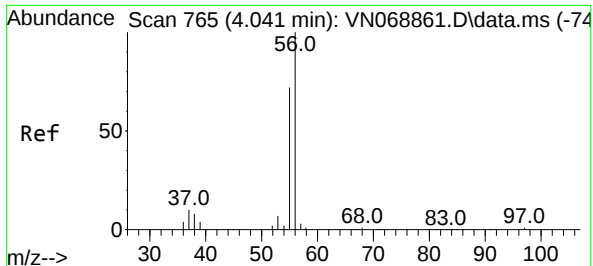
Tgt Ion:168 Resp: 406859
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3



#11
Tert butyl alcohol
Concen: 1.144 ug/l
RT: 5.329 min Scan# 1245
Delta R.T. -0.035 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Tgt Ion: 59 Resp: 1121
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

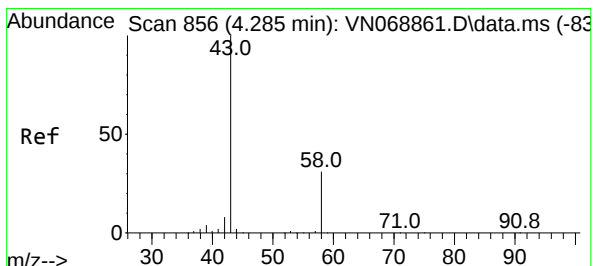
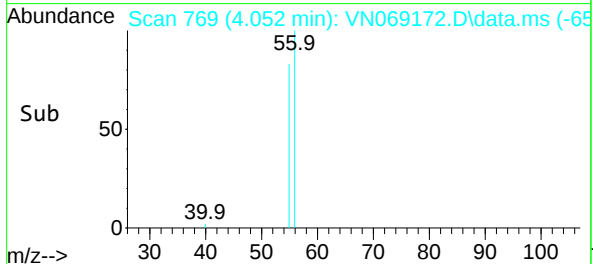
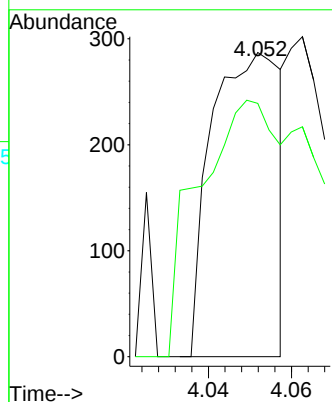
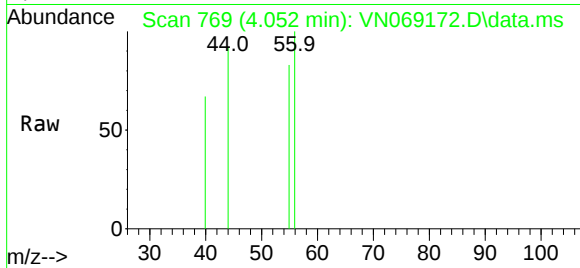




#13
Acrolein
Concen: 0.756 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.011 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

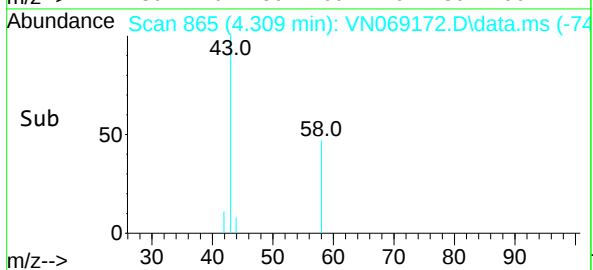
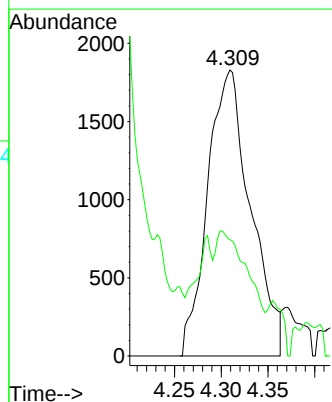
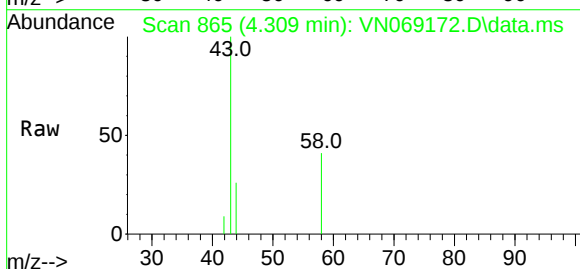
Instrument :
MSVOA_N
ClientSampled :

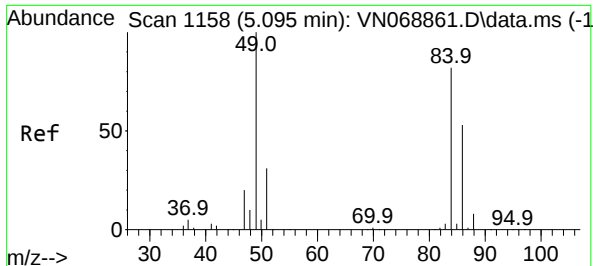
Tgt Ion: 56 Resp: 328
Ion Ratio Lower Upper
56 100
55 97.0 58.1 87.1#



#16
Acetone
Concen: 2.917 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

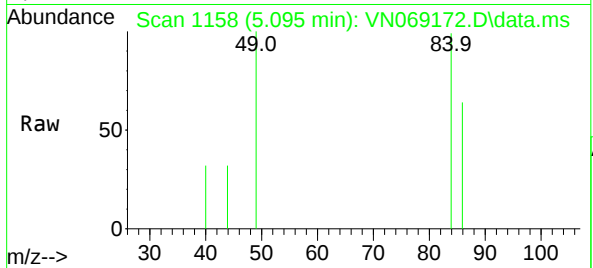
Tgt Ion: 43 Resp: 5840
Ion Ratio Lower Upper
43 100
58 24.4 24.5 36.7#



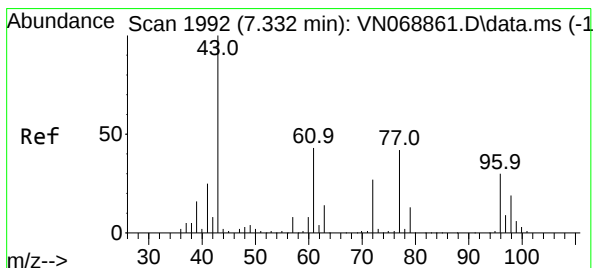
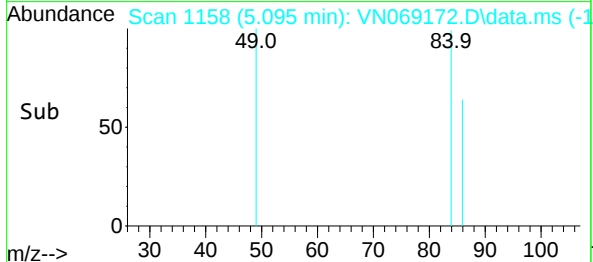
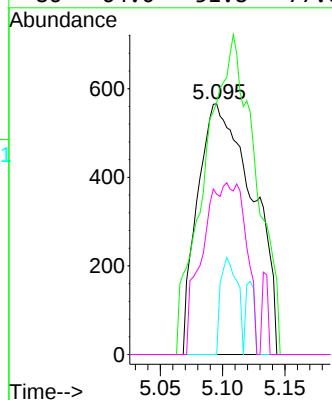


#20
Methylene Chloride
Concen: 0.375 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Instrument :
MSVOA_N
ClientSampleId :

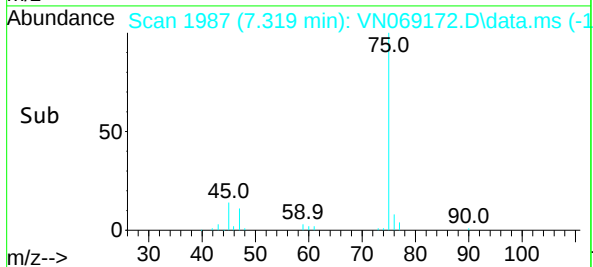
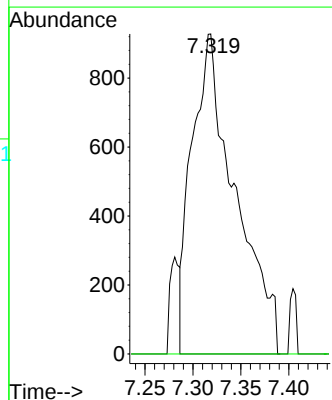
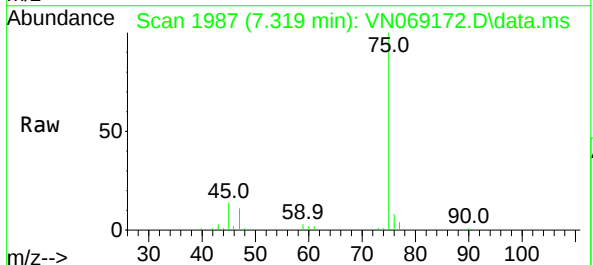


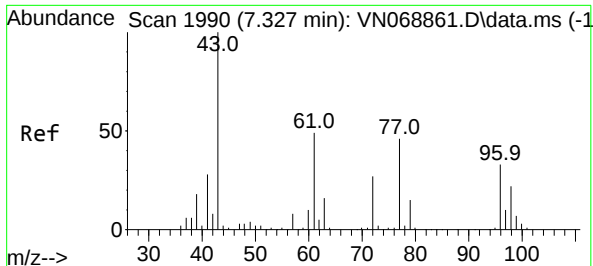
Tgt Ion: 84 Resp: 1728
Ion Ratio Lower Upper
84 100
49 100.5 97.6 146.4
51 0.0 30.3 45.5#
86 64.0 51.8 77.6



#25
2-Butanone
Concen: 0.960 ug/l
RT: 7.319 min Scan# 1987
Delta R.T. -0.013 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Tgt Ion: 43 Resp: 2906
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#

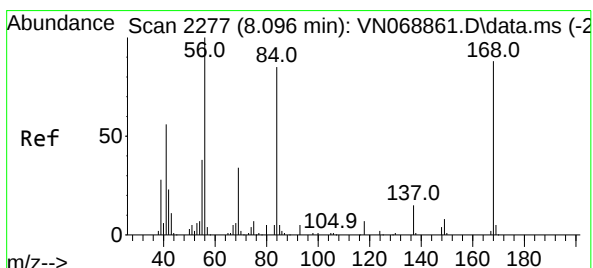
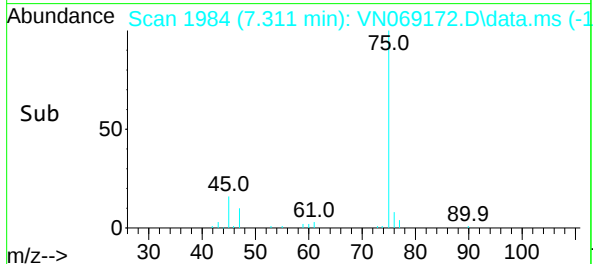
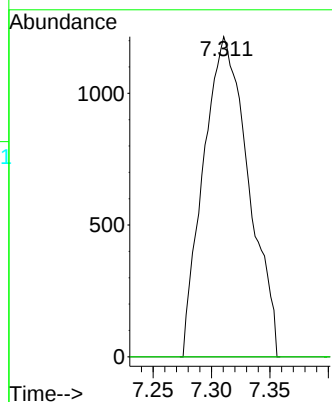
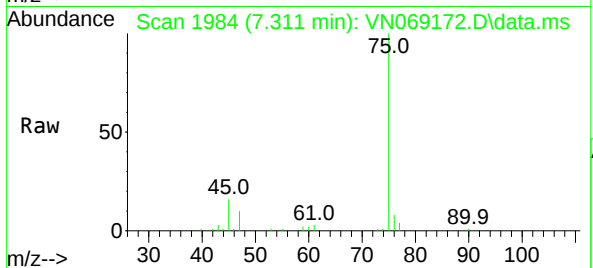




#26
2,2-Dichloropropane
Concen: 0.430 ug/l
RT: 7.311 min Scan# 1984
Delta R.T. -0.016 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

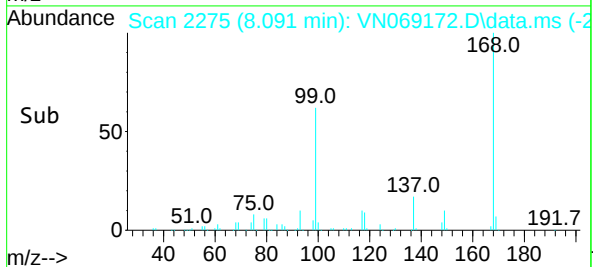
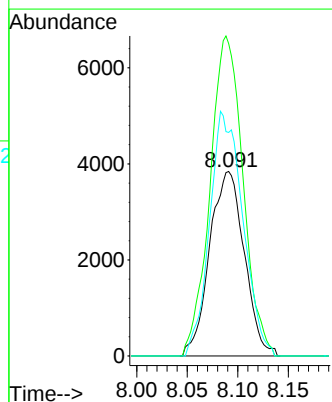
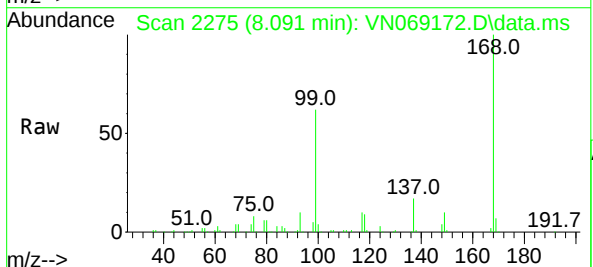
Instrument :
MSVOA_N
ClientSampled :

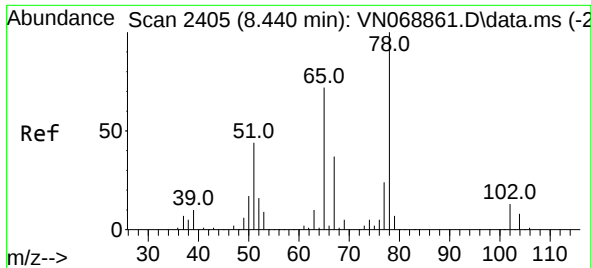
Tgt Ion: 77 Resp: 3263
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Tgt Ion: 56 Resp: 9167
Ion Ratio Lower Upper
56 100
69 169.4 26.9 40.3#
84 121.2 67.6 101.4#

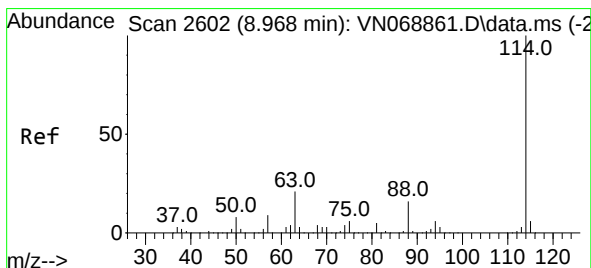
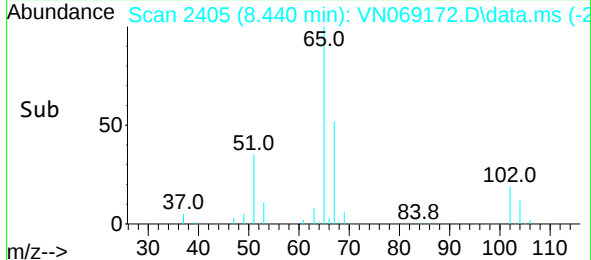
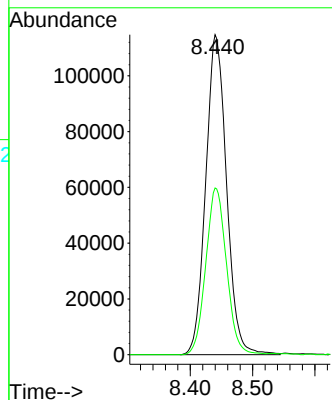
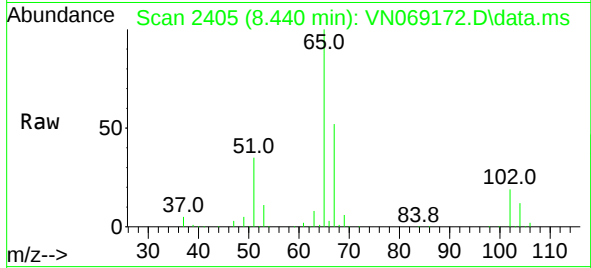




#33
 1,2-Dichloroethane-d4
 Concen: 49.680 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069172.D
 Acq: 26 Oct 2021 00:01

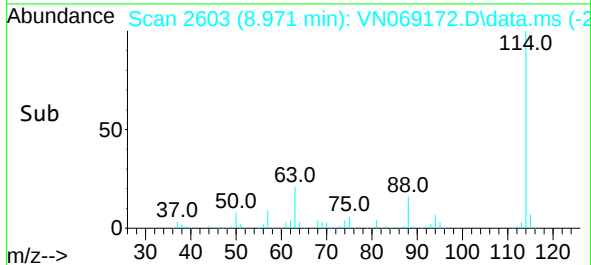
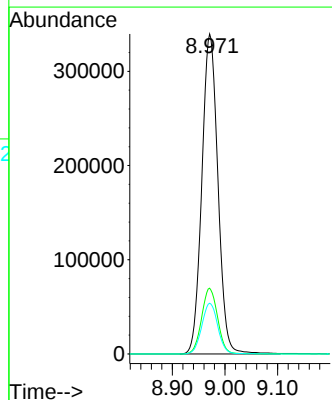
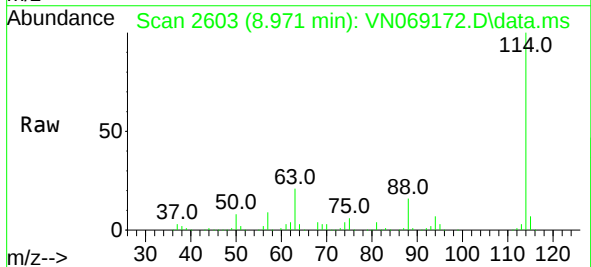
Instrument :
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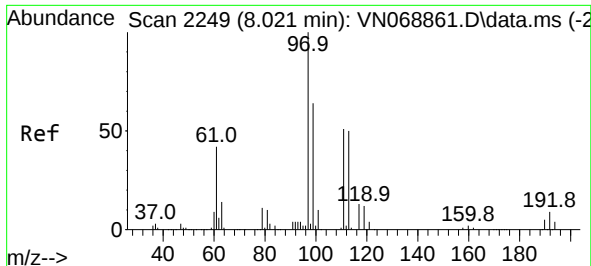
Tgt Ion: 65 Resp: 266500
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069172.D
 Acq: 26 Oct 2021 00:01

Tgt Ion: 114 Resp: 720815
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 15.9 0.0 32.0

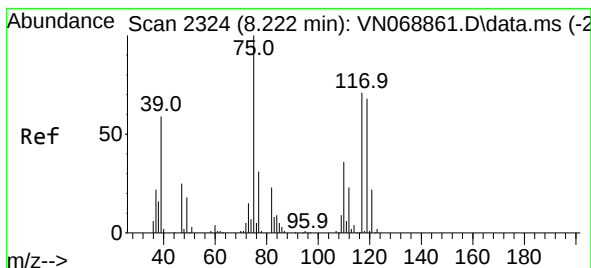
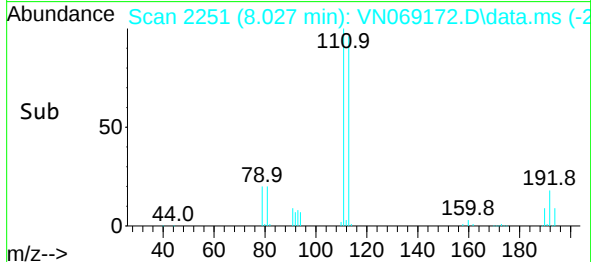
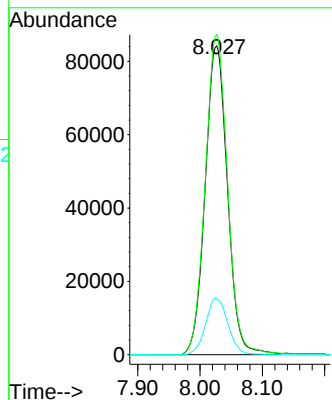
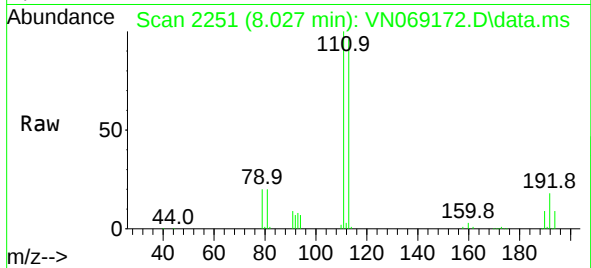




#35
Dibromofluoromethane
Concen: 50.034 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

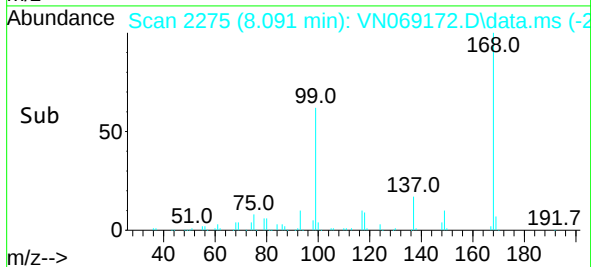
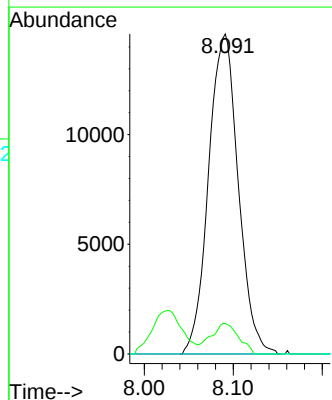
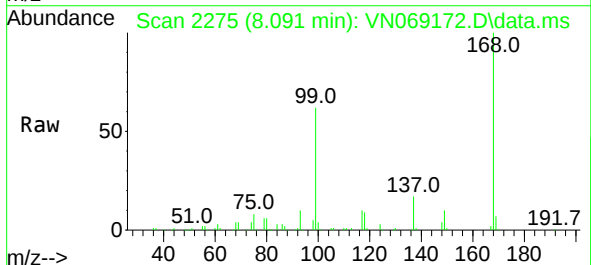
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MSVOA_N
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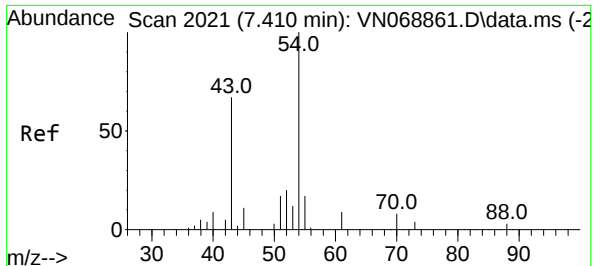
Tgt Ion:113 Resp: 209829
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 18.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.487 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Tgt Ion: 75 Resp: 33783
Ion Ratio Lower Upper
75 100
110 8.9 17.9 53.8#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.457 ug/l

RT: 7.319 min Scan# 1987

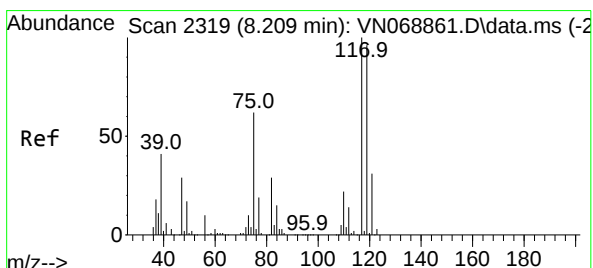
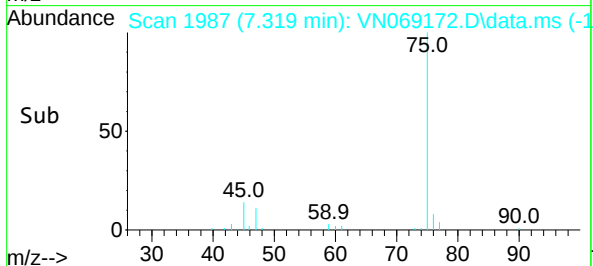
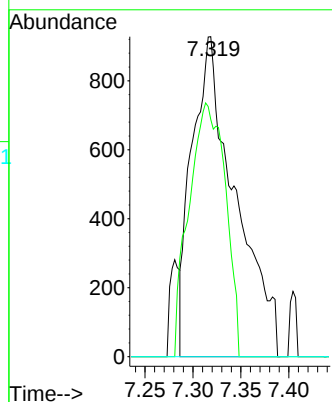
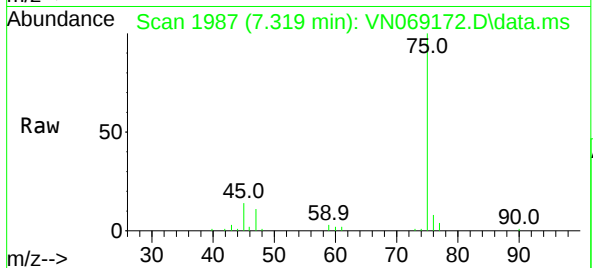
Delta R.T. -0.091 min

Lab File: VN069172.D

Acq: 26 Oct 2021 00:01

Tgt Ion:	43	Resp:	2906
Ion	Ratio	Lower	Upper
43	100		
61	66.7	11.2	16.8#
70	0.0	8.4	12.6#

Instrument :
MSVOA_N
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.152 ug/l

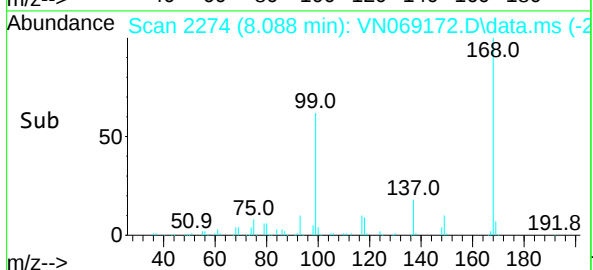
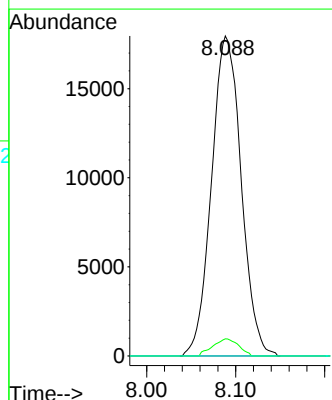
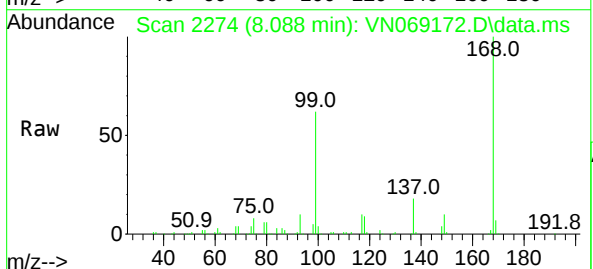
RT: 8.088 min Scan# 2274

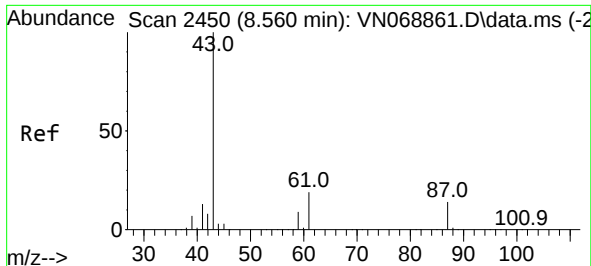
Delta R.T. -0.121 min

Lab File: VN069172.D

Acq: 26 Oct 2021 00:01

Tgt Ion:	117	Resp:	41600
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.9	115.3#
121	0.0	24.6	37.0#

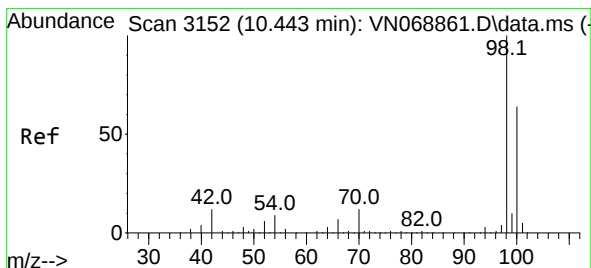
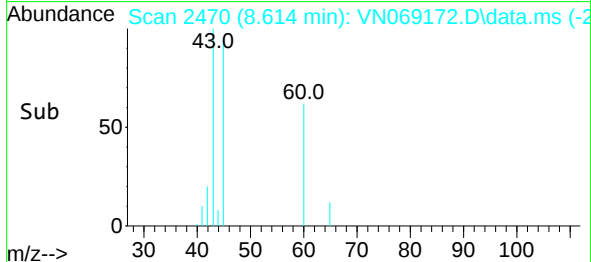
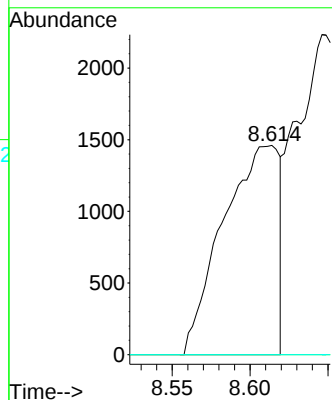
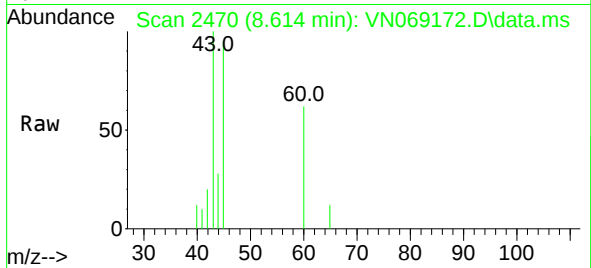




#43
Isopropyl Acetate
Concen: 0.326 ug/l
RT: 8.614 min Scan# 2470
Delta R.T. 0.054 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

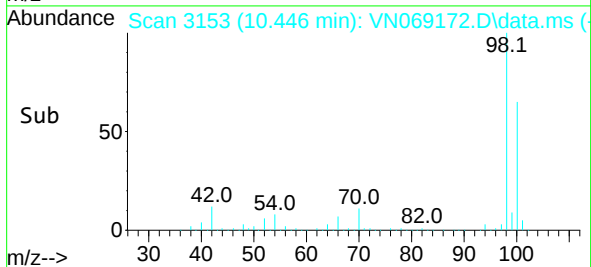
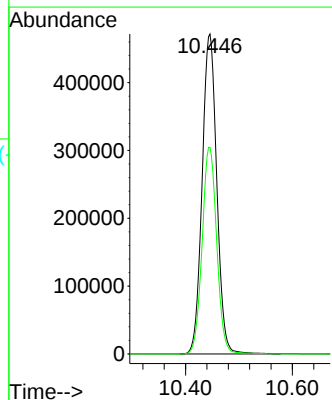
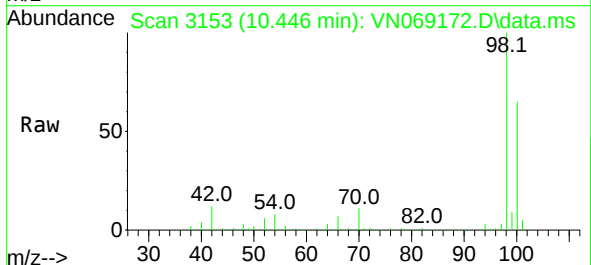
Instrument :
MSVOA_N
ClientSampled :

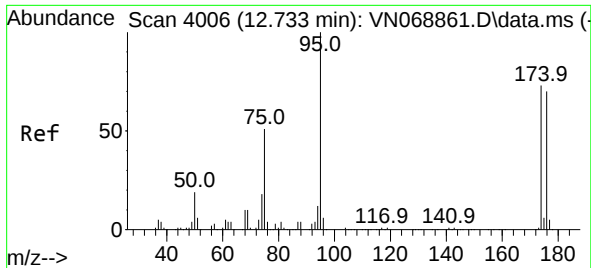
Tgt Ion: 43 Resp: 3657
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.537 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Tgt Ion: 98 Resp: 898341
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

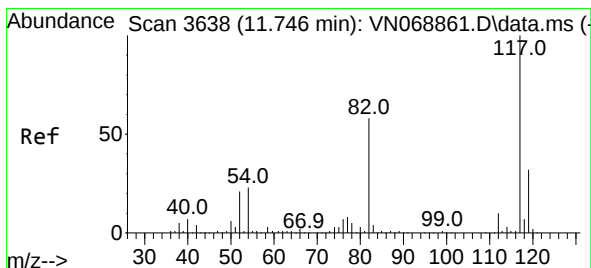
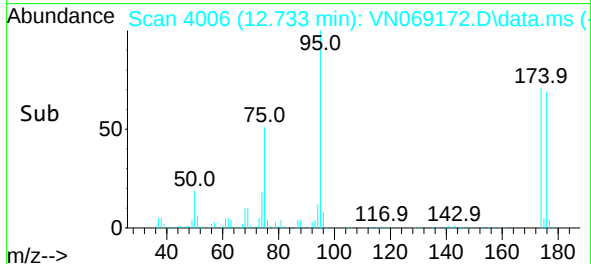
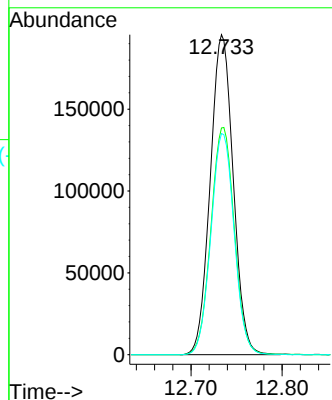
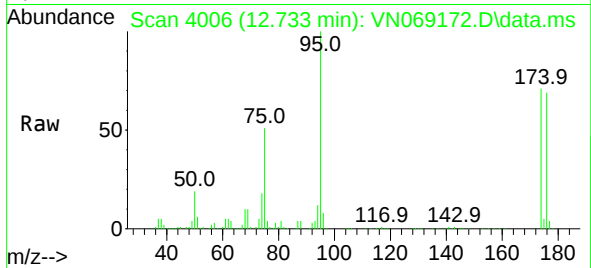




#62
4-Bromofluorobenzene
Concen: 54.086 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

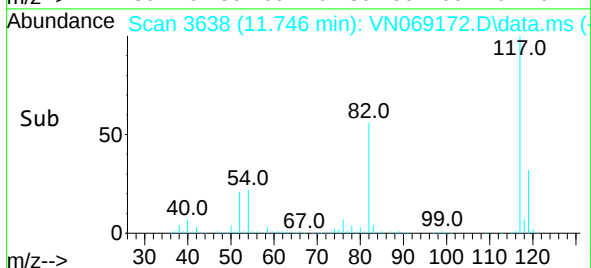
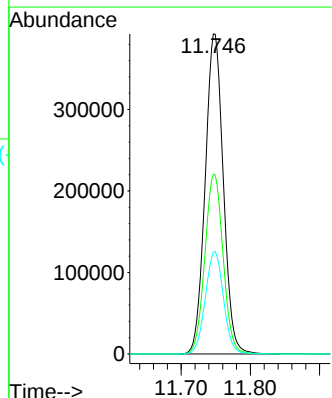
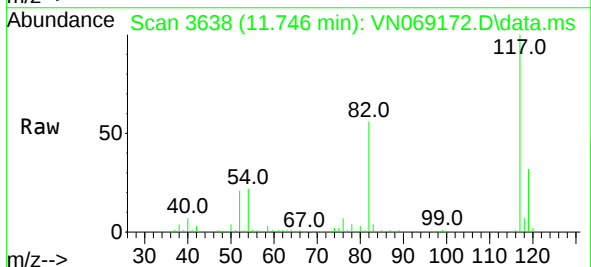
Instrument :
MSVOA_N
ClientSampled :

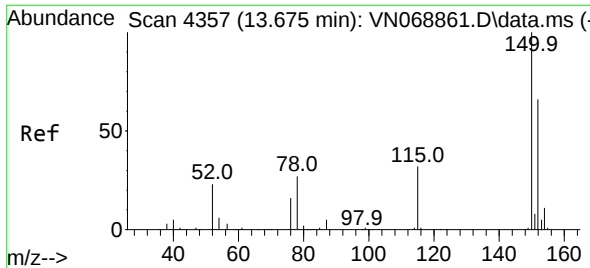
Tgt Ion: 95 Resp: 342415
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.8
176 69.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Tgt Ion: 117 Resp: 715701
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 31.8 26.0 39.0

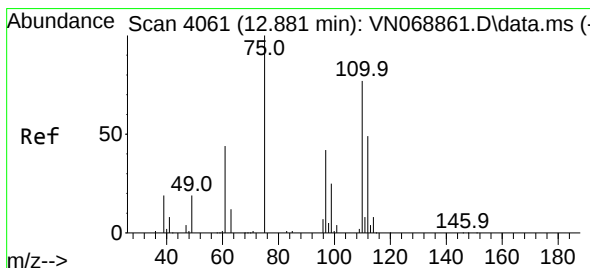
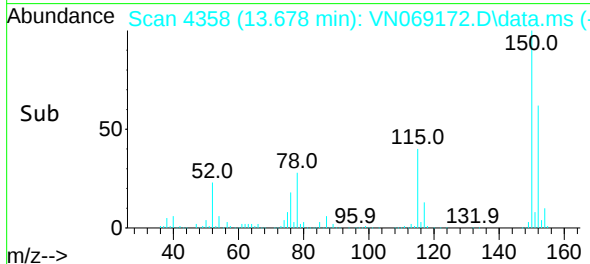
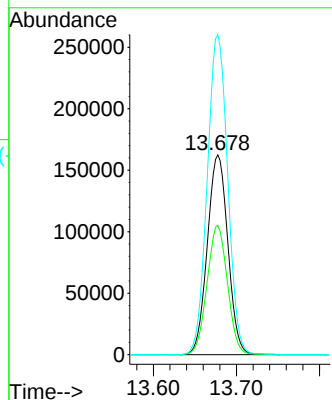
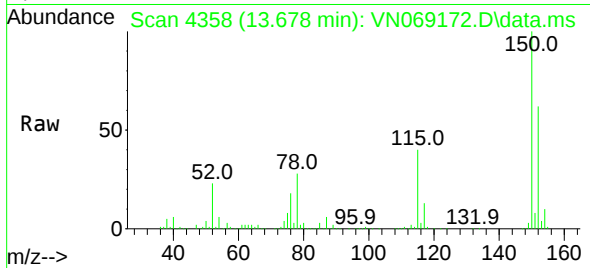




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069172.D
 Acq: 26 Oct 2021 00:01

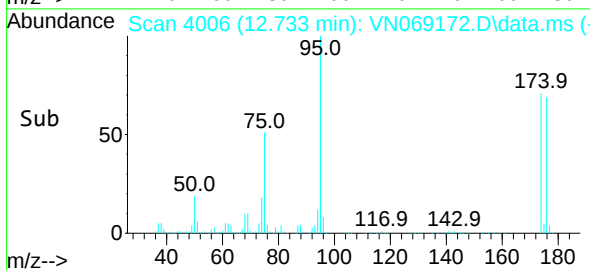
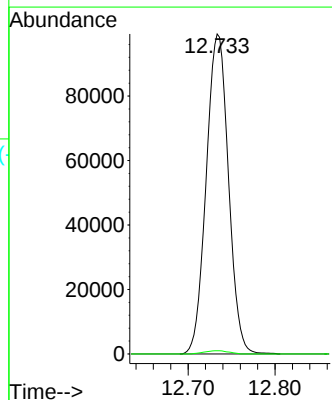
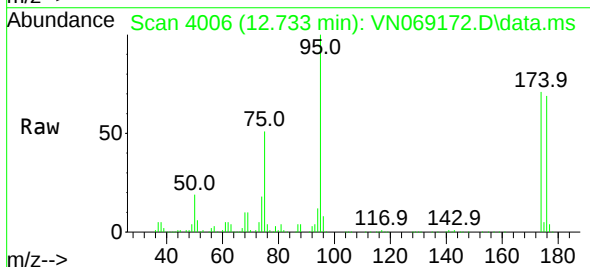
Instrument :
 MSVOA_N
 ClientSampled :

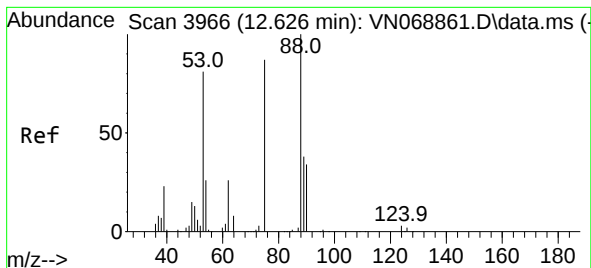
Tgt Ion:152 Resp: 279026
 Ion Ratio Lower Upper
 152 100
 115 64.3 31.4 94.3
 150 159.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.671 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069172.D
 Acq: 26 Oct 2021 00:01

Tgt Ion: 75 Resp: 176152
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.2 288.4#

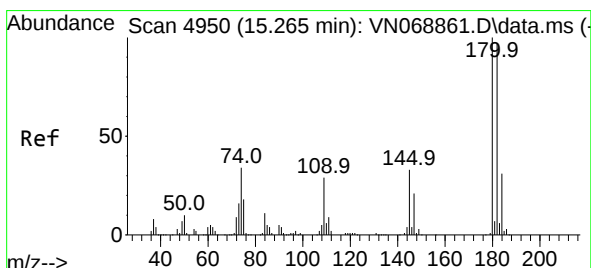
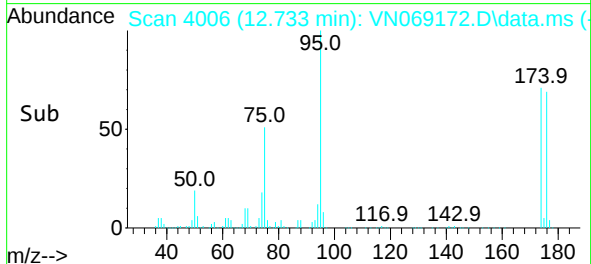
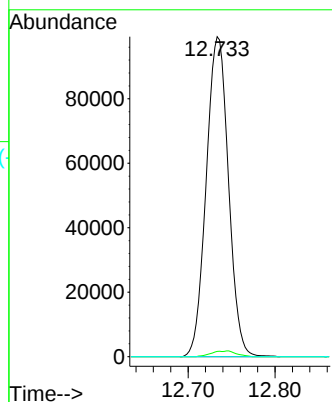
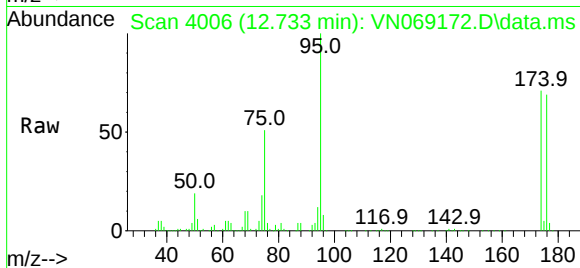




#81
trans-1,4-Dichloro-2-butene
Concen: 70.986 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

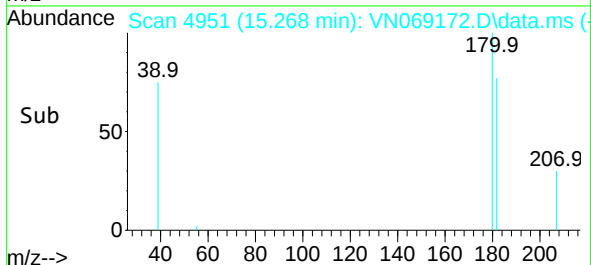
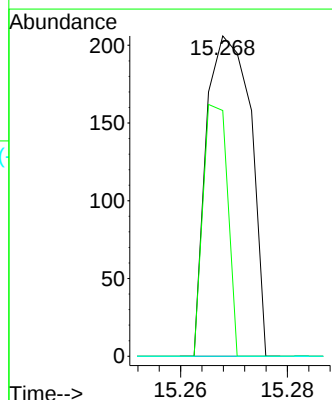
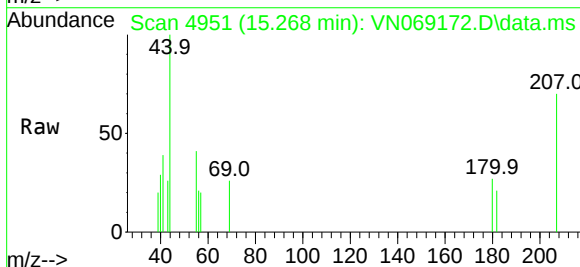
Instrument :
MSVOA_N
ClientSampled :

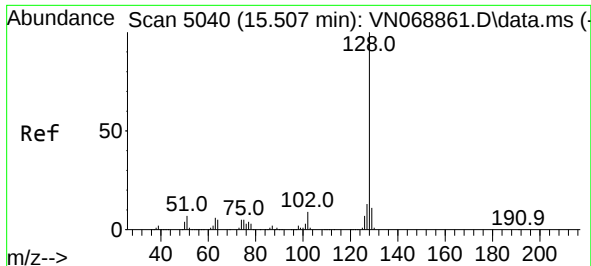
Tgt Ion: 75 Resp: 176152
Ion Ratio Lower Upper
75 100
53 1.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.625 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Tgt Ion:180 Resp: 117
Ion Ratio Lower Upper
180 100
182 43.6 47.9 143.7#
145 0.0 16.4 49.2#

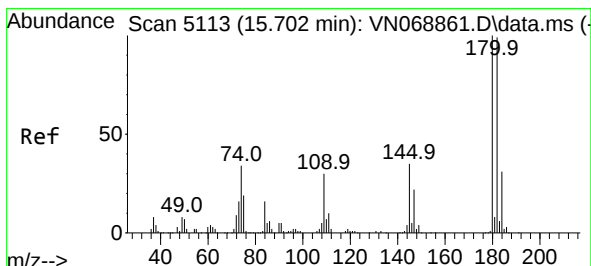
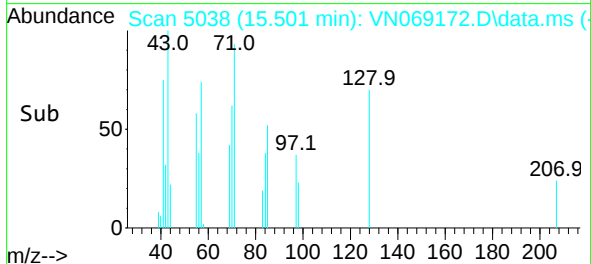
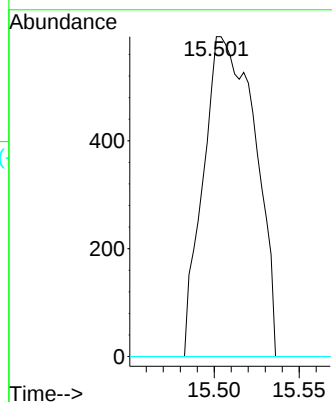
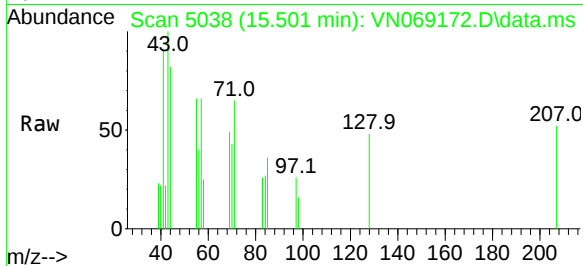




#95
Naphthalene
Concen: 3.901 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 1256
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.526 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069172.D
Acq: 26 Oct 2021 00:01

Tgt Ion:180 Resp: 58
Ion Ratio Lower Upper
180 100
182 0.0 48.1 144.3#
145 0.0 17.4 52.2#

