

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069101.D
 Acq On : 21 Oct 2021 20:40
 Operator : JC/MD
 Sample : M4253-03 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

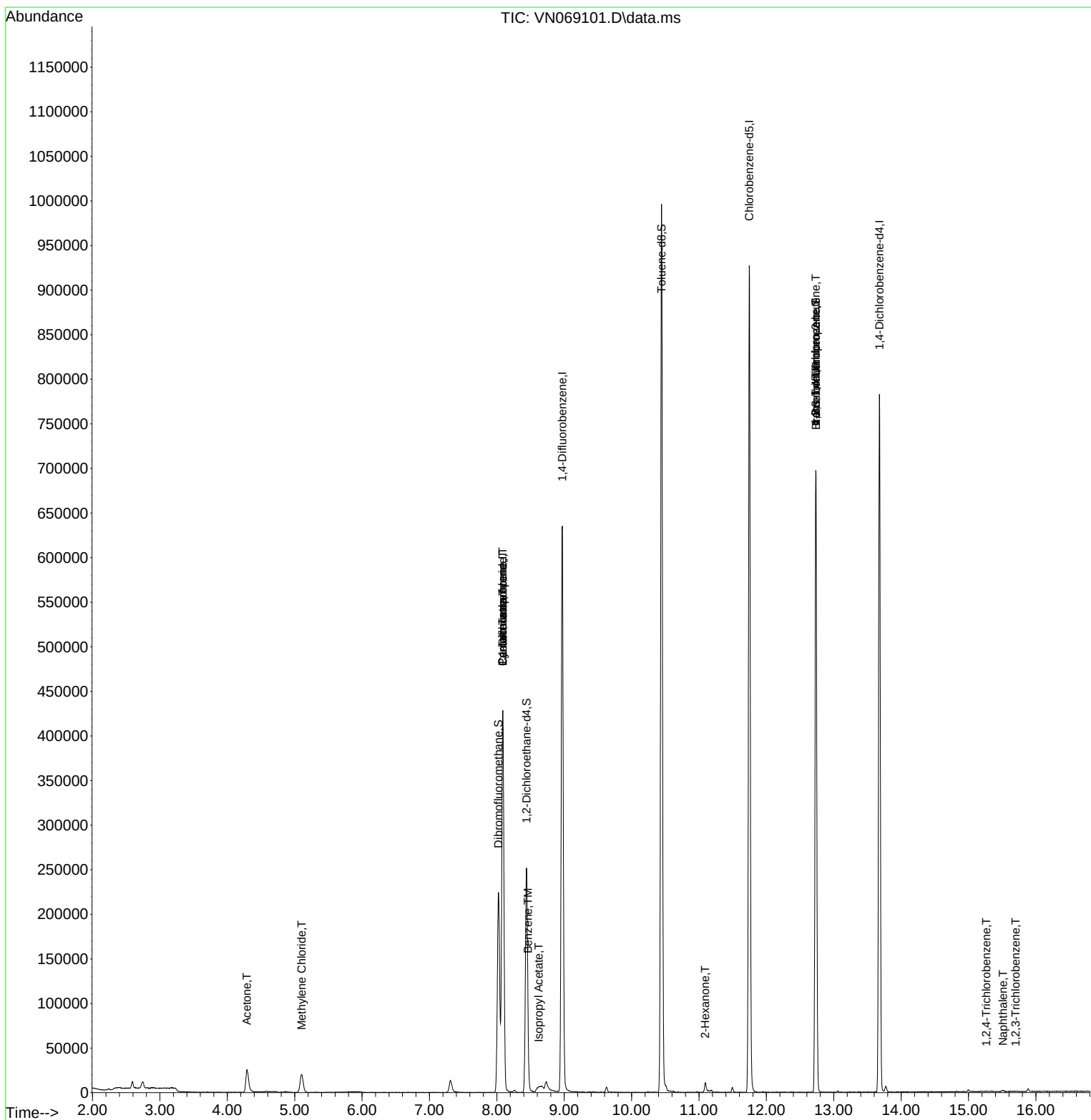
Quant Time: Oct 22 01:35:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

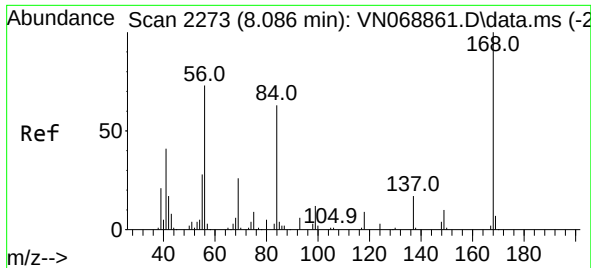
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	322660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	574362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	539935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	208749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	216482	50.887	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.780%			
35) Dibromofluoromethane	8.024	113	167095	50.003	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.000%			
50) Toluene-d8	10.443	98	712395	53.281	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.560%			
62) 4-Bromofluorobenzene	12.734	95	255349	50.618	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.240%			
Target Compounds					Qvalue	
16) Acetone	4.291	43	48351	30.456	ug/l	96
20) Methylene Chloride	5.103	84	16947	4.638	ug/l	98
31) Cyclohexane	8.088	56	7759	1.173	ug/l #	11
36) 1,1-Dichloropropene	8.088	75	27454	5.596	ug/l #	48
38) Carbon Tetrachloride	8.088	117	34208	6.349	ug/l #	15
40) Benzene	8.461	78	3372	0.226	ug/l	98
43) Isopropyl Acetate	8.619	43	5003	0.560	ug/l #	55
59) 2-Hexanone	11.092	43	2871	0.772	ug/l #	47
71) Bromoform	12.736	173	720	0.225	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	134782	30.345	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	134782	72.600	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.263	180	294	2.681	ug/l #	50
95) Naphthalene	15.509	128	2232	4.025	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.700	180	141	2.554	ug/l #	69

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

Quant Time: Oct 22 01:35:48 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

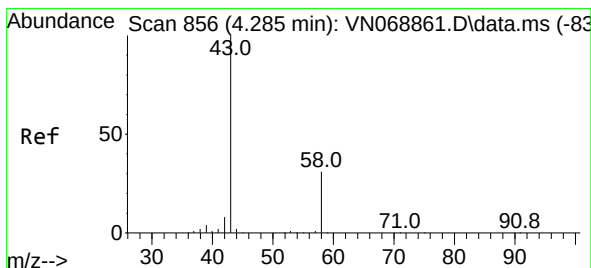
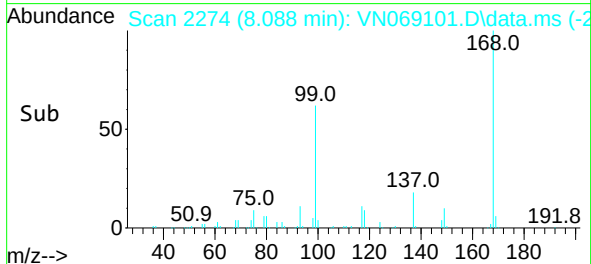
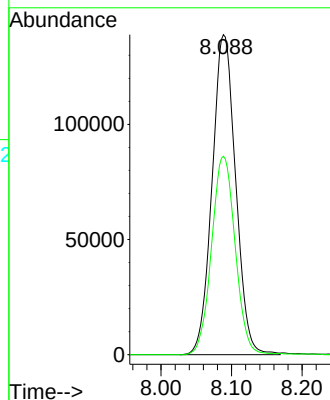
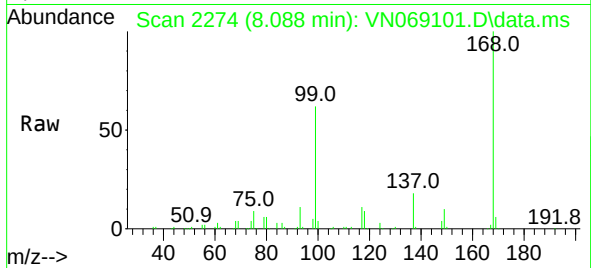




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

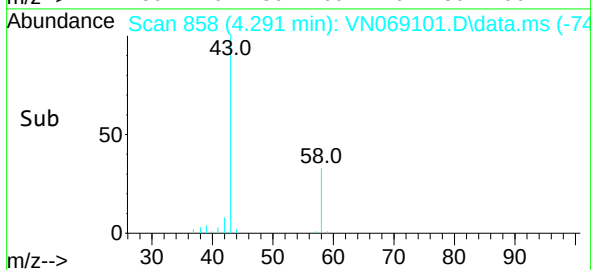
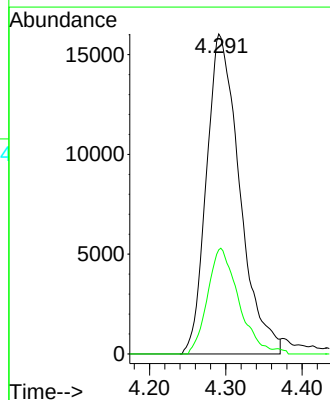
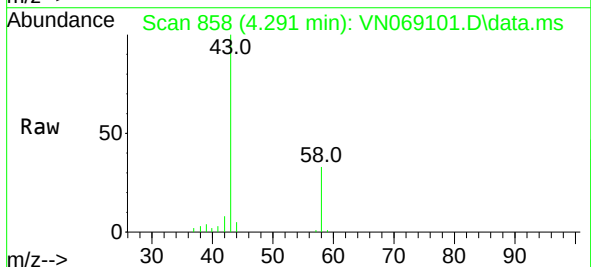
Instrument :
MSVOA_N
ClientSampled :

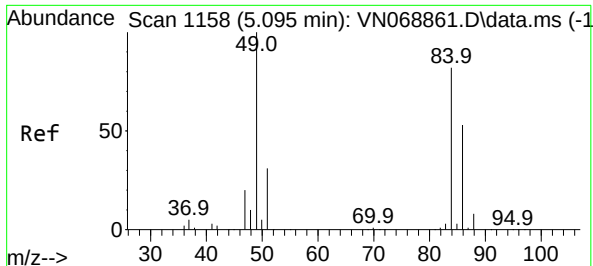
Tgt Ion:168 Resp: 322660
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#16
Acetone
Concen: 30.456 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.005 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

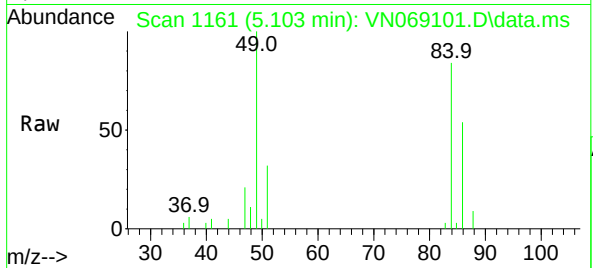
Tgt Ion: 43 Resp: 48351
Ion Ratio Lower Upper
43 100
58 32.6 24.5 36.7





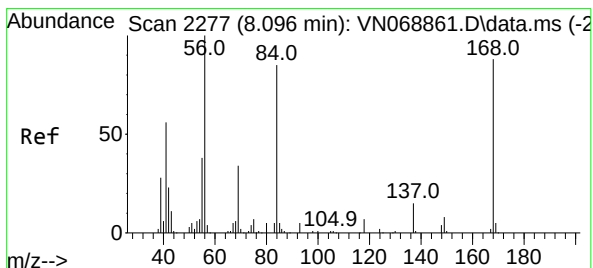
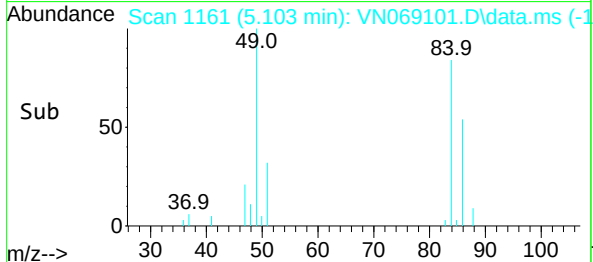
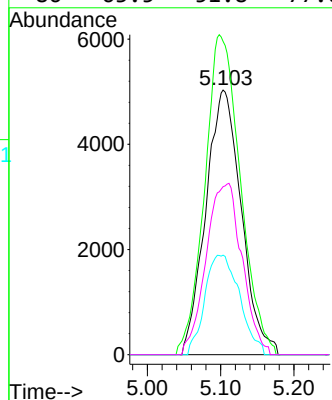
#20
Methylene Chloride
Concen: 4.638 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 16947

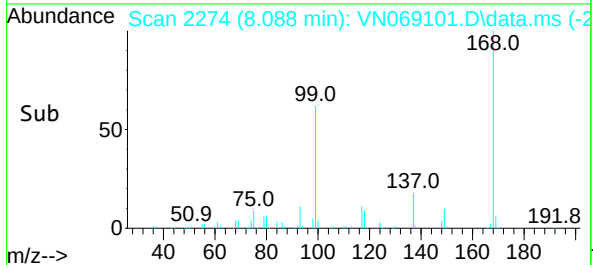
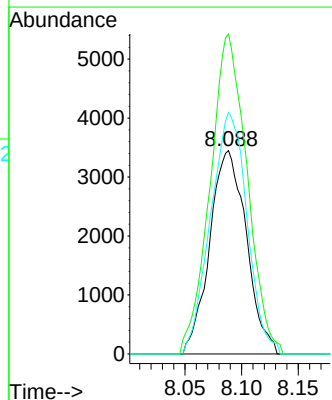
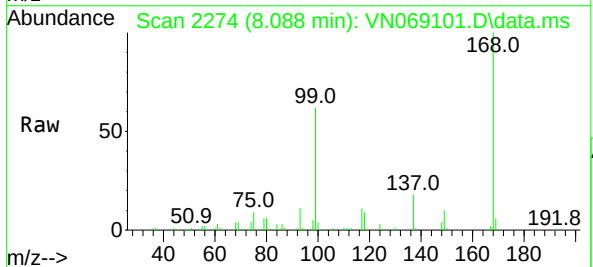
Ion	Ratio	Lower	Upper
84	100		
49	118.4	97.6	146.4
51	37.6	30.3	45.5
86	63.5	51.8	77.6

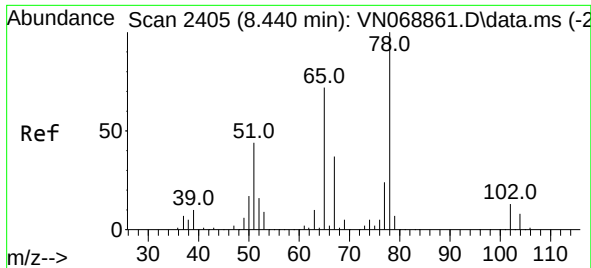


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

Tgt Ion: 56 Resp: 7759

Ion	Ratio	Lower	Upper
56	100		
69	157.4	26.9	40.3#
84	118.9	67.6	101.4#

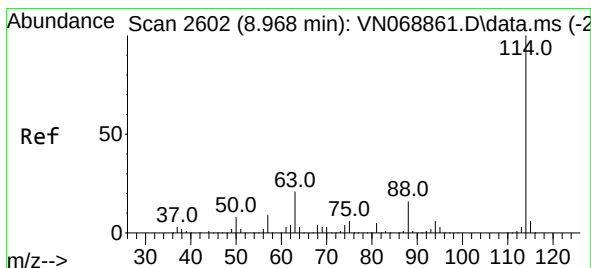
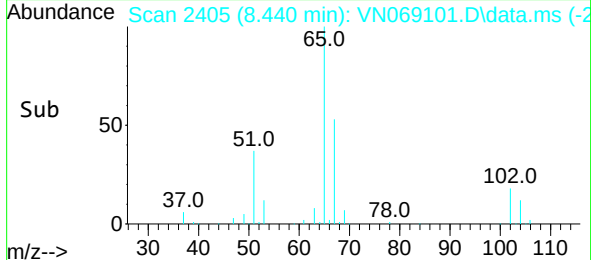
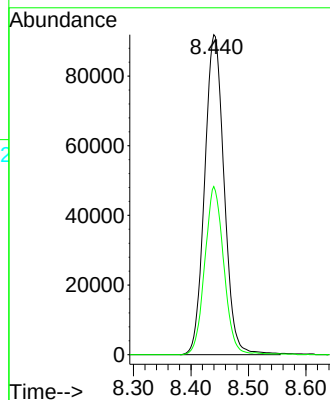
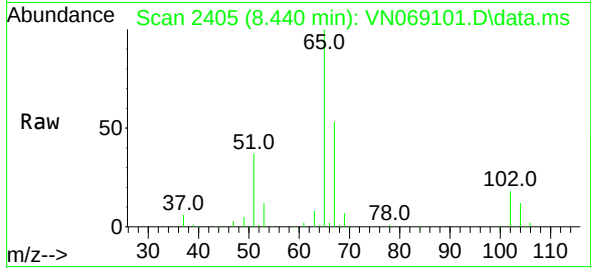




#33
 1,2-Dichloroethane-d4
 Concen: 50.887 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069101.D
 Acq: 21 Oct 2021 20:40

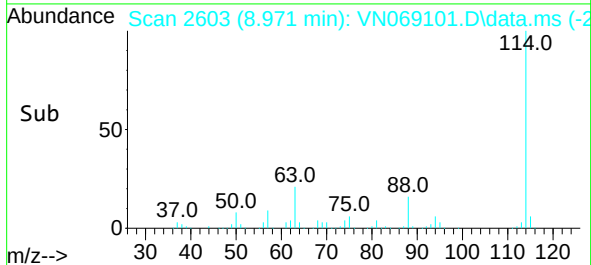
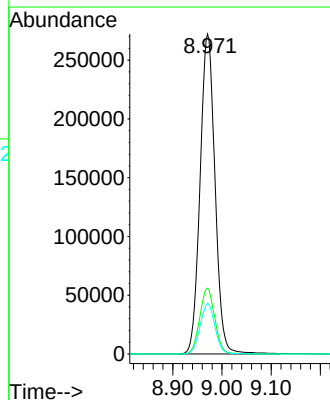
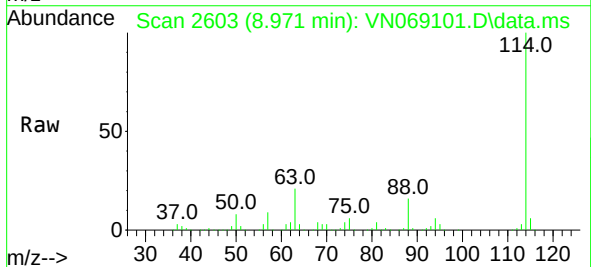
Instrument :
 MSVOA_N
 ClientSampled :

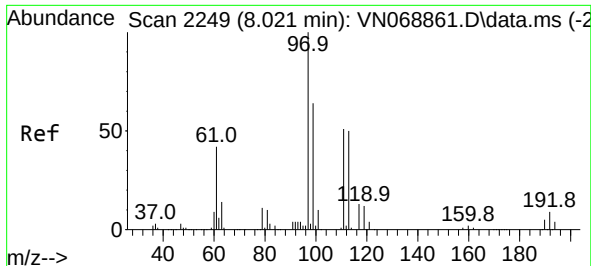
Tgt Ion: 65 Resp: 216482
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069101.D
 Acq: 21 Oct 2021 20:40

Tgt Ion: 114 Resp: 574362
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 15.8 0.0 32.0

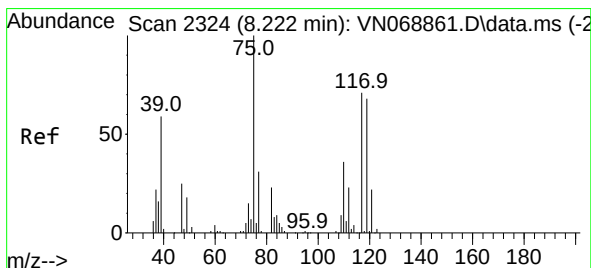
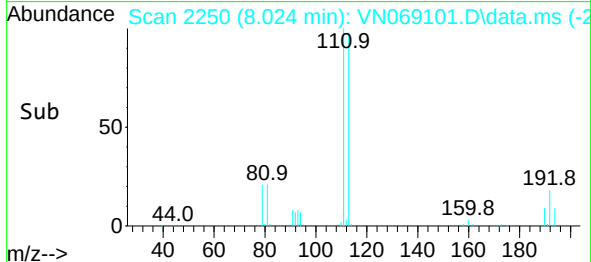
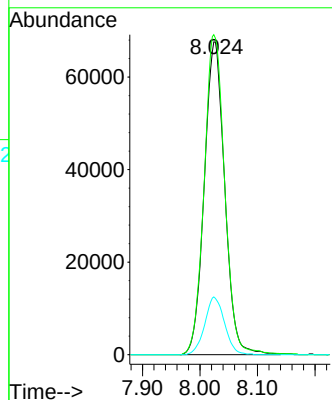
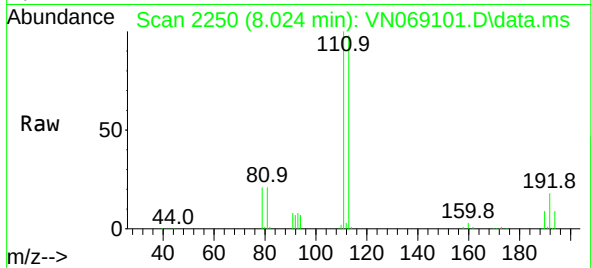




#35
Dibromofluoromethane
Concen: 50.003 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

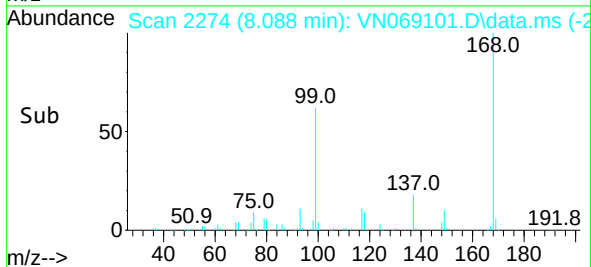
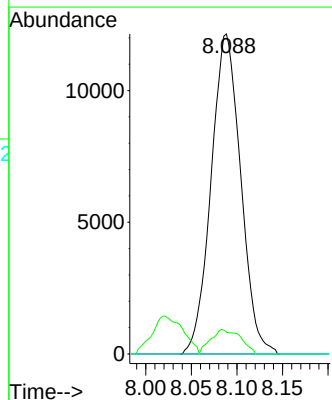
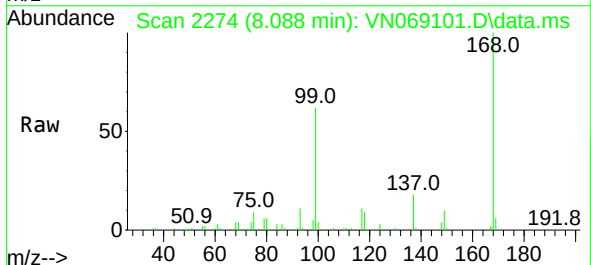
Instrument :
MSVOA_N
ClientSampleId :

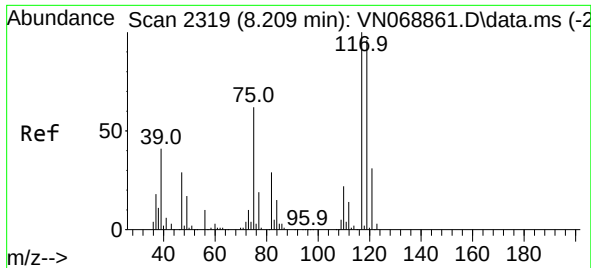
Tgt Ion:113 Resp: 167095
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.8 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.596 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

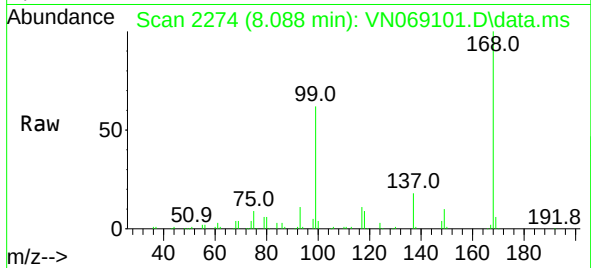
Tgt Ion: 75 Resp: 27454
Ion Ratio Lower Upper
75 100
110 7.7 17.9 53.8#
77 0.0 24.7 37.1#



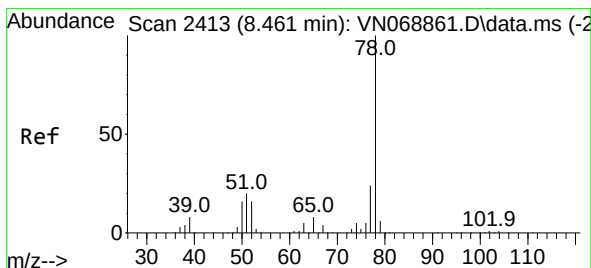
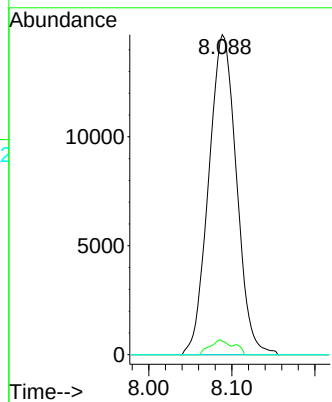
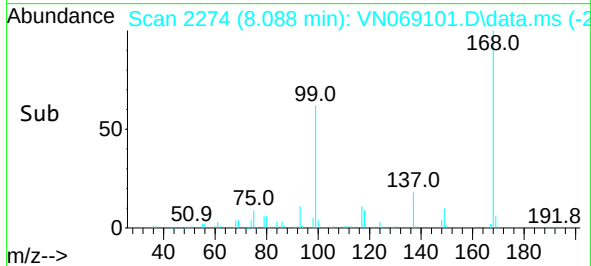


#38
Carbon Tetrachloride
Concen: 6.349 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

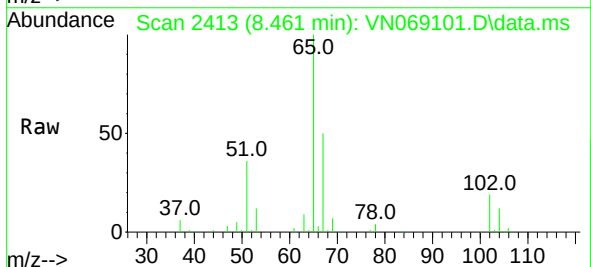
Instrument :
MSVOA_N
ClientSampled :



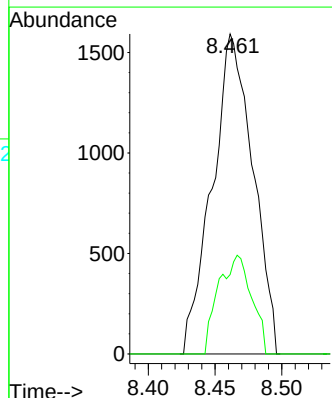
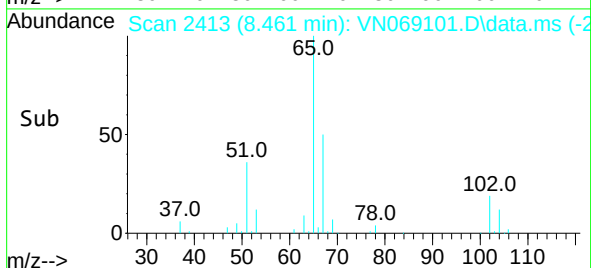
Tgt Ion:117 Resp: 34208
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#

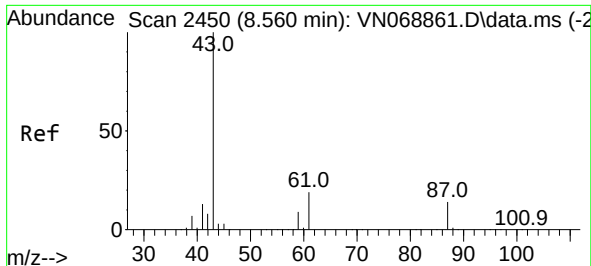


#40
Benzene
Concen: 0.226 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40



Tgt Ion: 78 Resp: 3372
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7

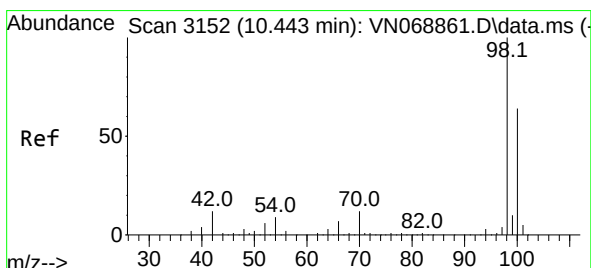
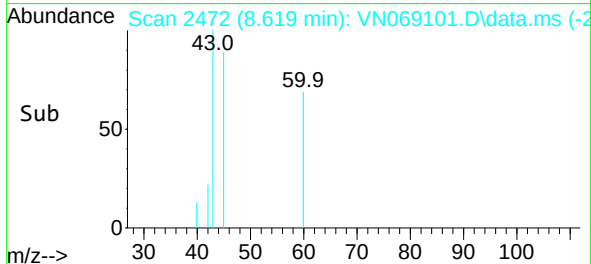
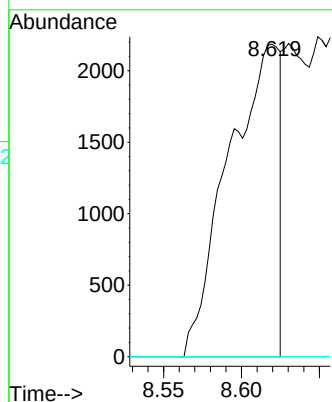
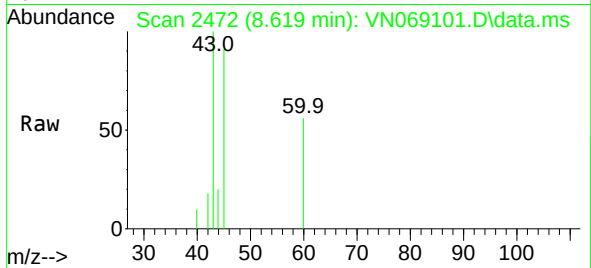




#43
Isopropyl Acetate
Concen: 0.560 ug/l
RT: 8.619 min Scan# 2472
Delta R.T. 0.059 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

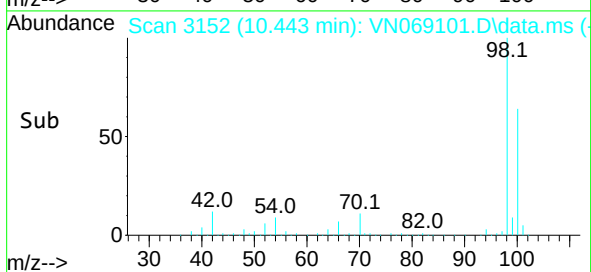
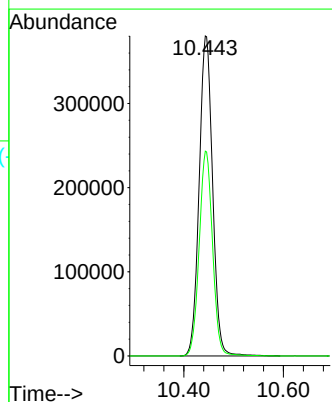
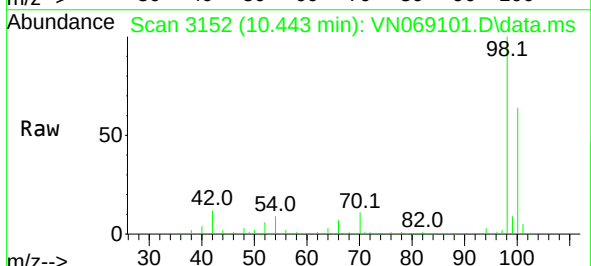
Instrument :
MSVOA_N
ClientSampled :

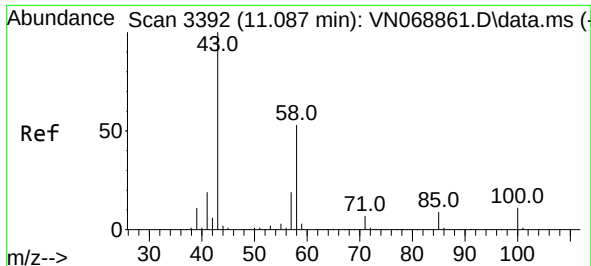
Tgt Ion: 43 Resp: 5003
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.281 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

Tgt Ion: 98 Resp: 712395
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

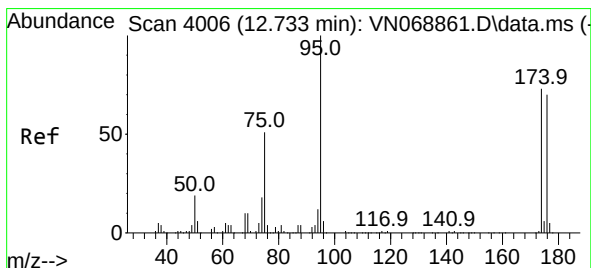
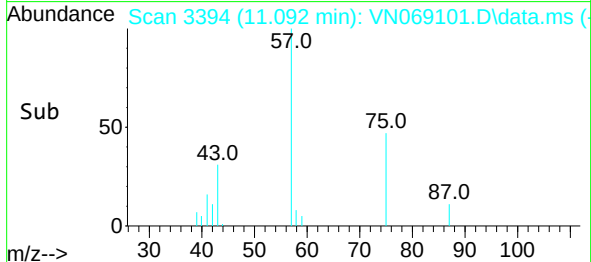
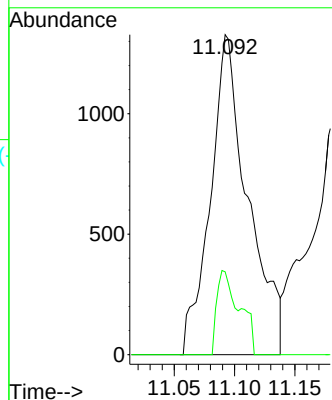
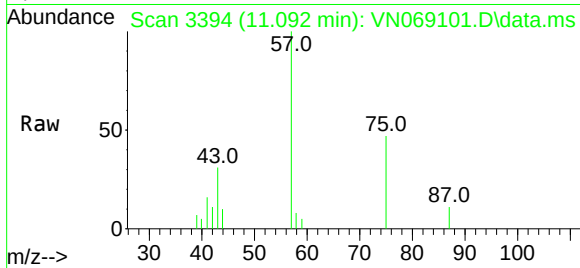




#59
2-Hexanone
Concen: 0.772 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

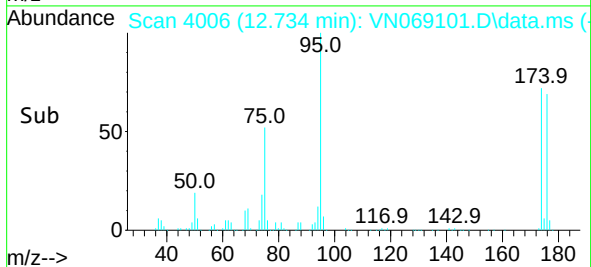
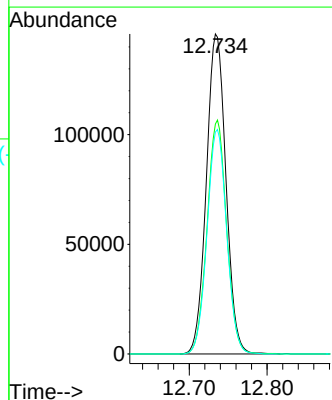
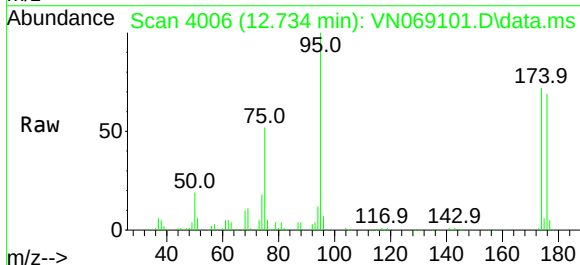
Instrument :
MSVOA_N
ClientSampled :

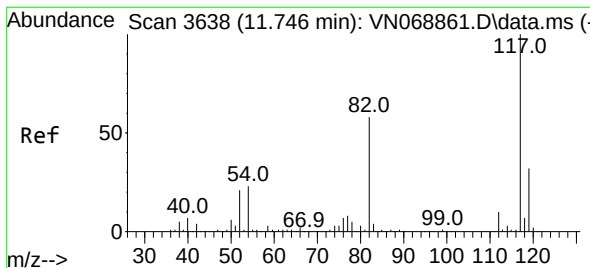
Tgt Ion: 43 Resp: 2871
Ion Ratio Lower Upper
43 100
58 15.7 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 50.618 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

Tgt Ion: 95 Resp: 255349
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.8
176 70.1 0.0 140.0

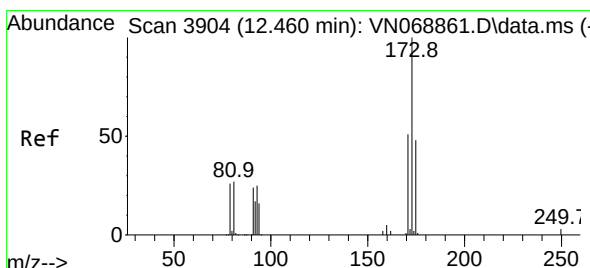
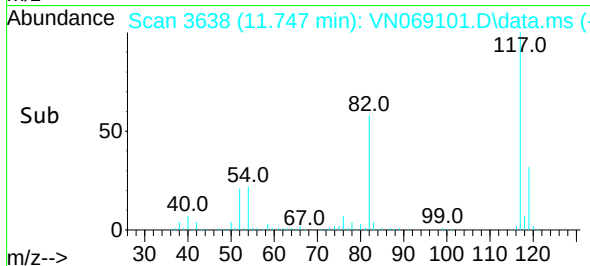
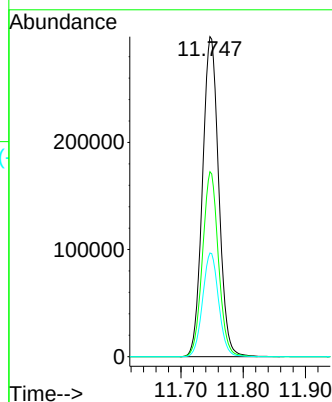
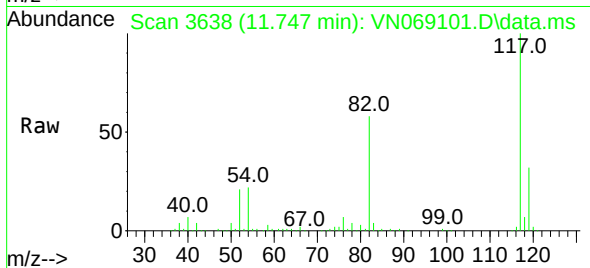




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

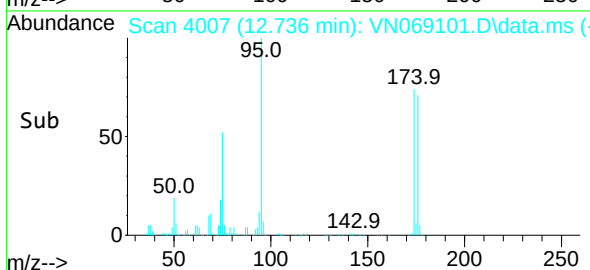
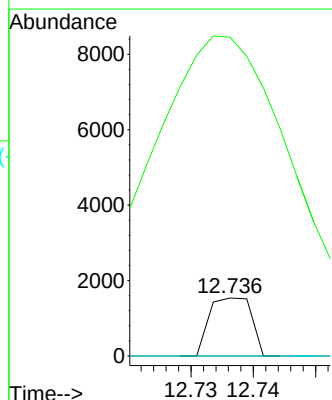
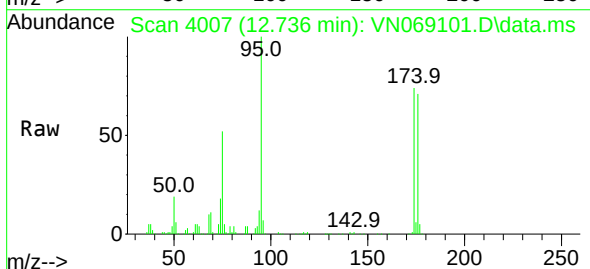
Instrument :
MSVOA_N
ClientSampleId :

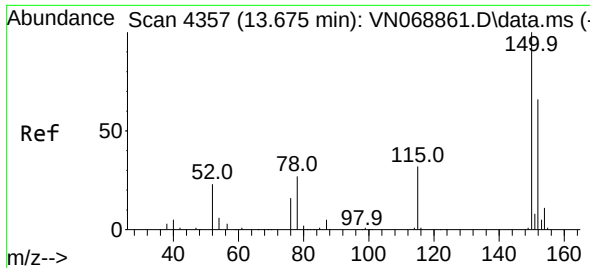
Tgt Ion:117 Resp: 539935
Ion Ratio Lower Upper
117 100
82 57.8 46.4 69.6
119 32.4 26.0 39.0



#71
Bromoform
Concen: 0.225 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

Tgt Ion:173 Resp: 720
Ion Ratio Lower Upper
173 100
175 1860.3 23.8 71.5#
254 0.0 0.0 0.0

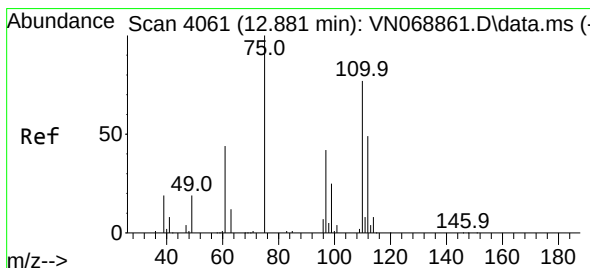
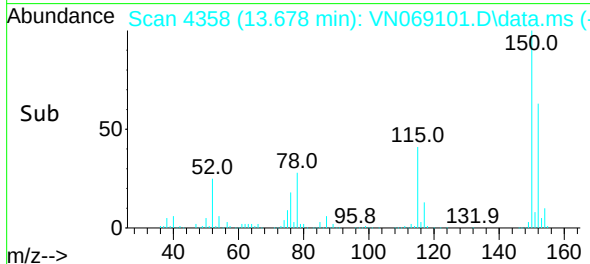
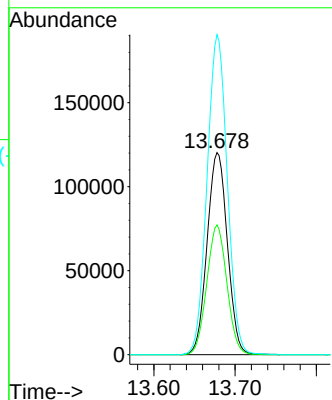
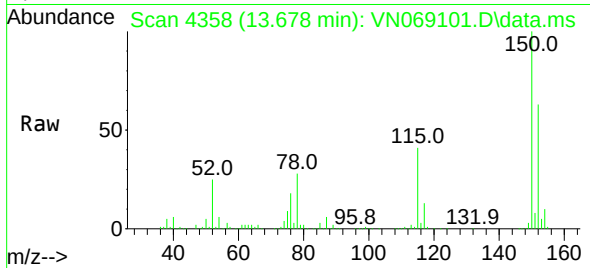




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069101.D
 Acq: 21 Oct 2021 20:40

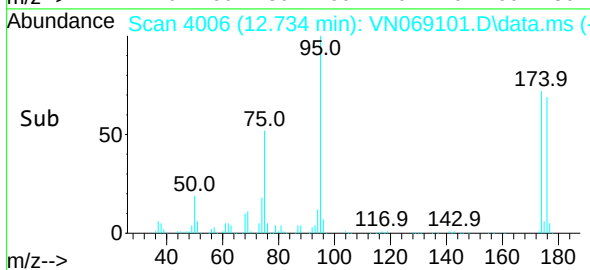
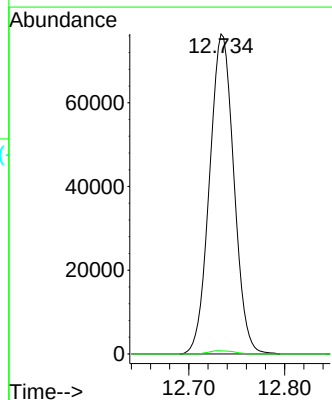
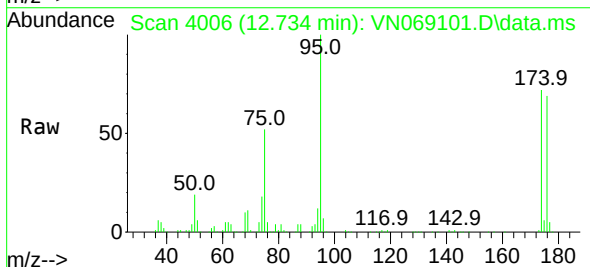
Instrument :
 MSVOA_N
 ClientSampled :

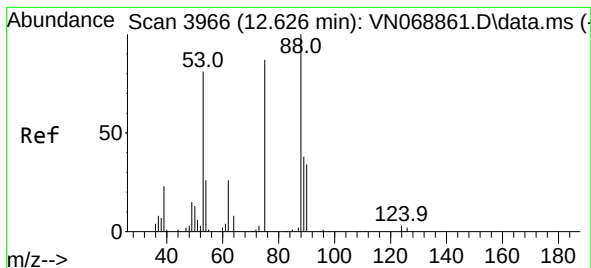
Tgt Ion:152 Resp: 208749
 Ion Ratio Lower Upper
 152 100
 115 63.6 31.4 94.3
 150 157.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.345 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069101.D
 Acq: 21 Oct 2021 20:40

Tgt Ion: 75 Resp: 134782
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

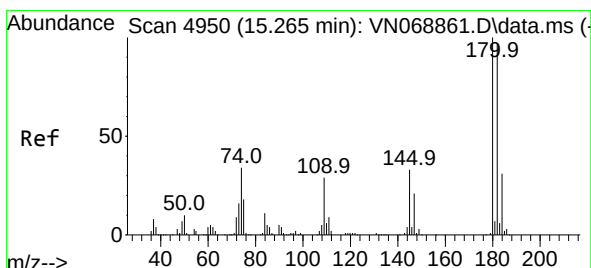
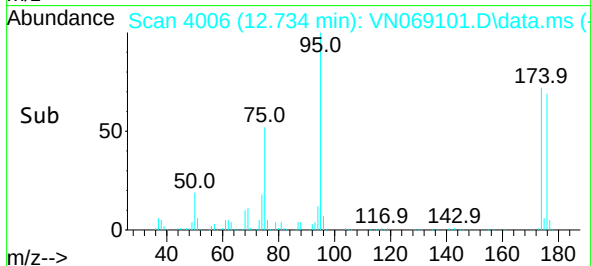
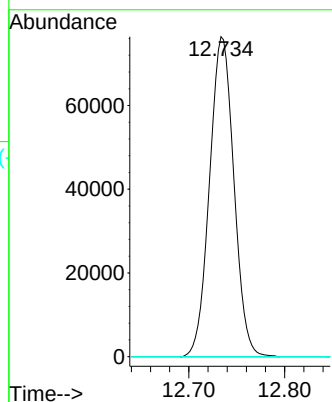
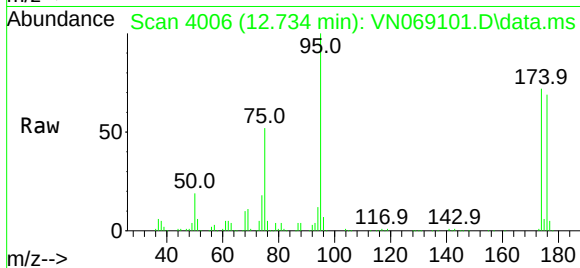




#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.600 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. 0.107 min
 Lab File: VN069101.D
 Acq: 21 Oct 2021 20:40

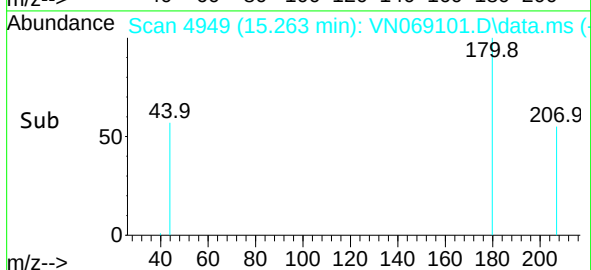
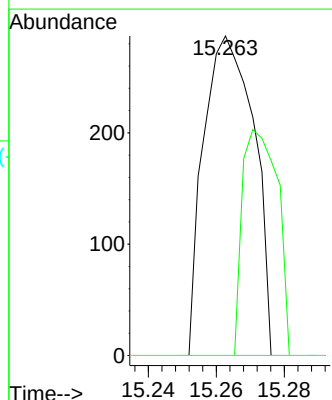
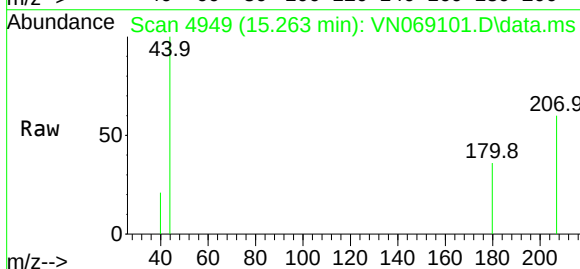
Instrument :
 MSVOA_N
 ClientSampleId :

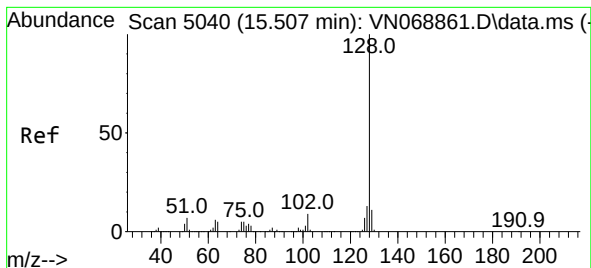
Tgt Ion: 75 Resp: 134782
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.2#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.681 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.002 min
 Lab File: VN069101.D
 Acq: 21 Oct 2021 20:40

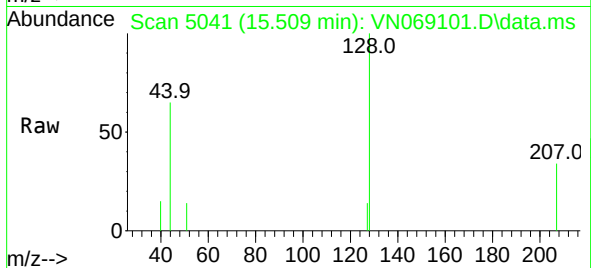
Tgt Ion:180 Resp: 294
 Ion Ratio Lower Upper
 180 100
 182 49.3 47.9 143.7
 145 0.0 16.4 49.2#



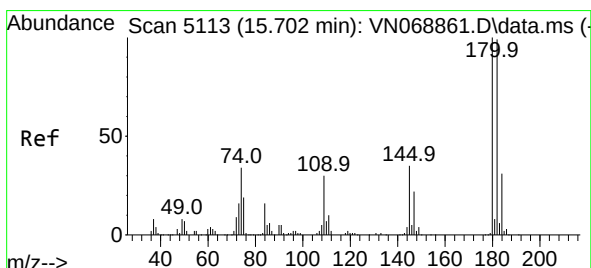
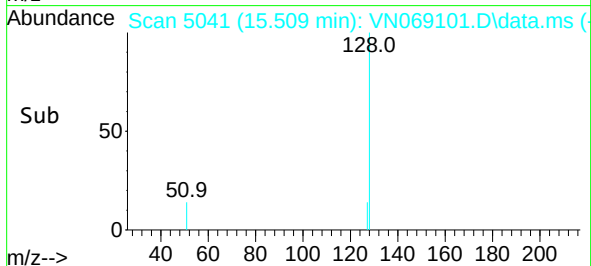
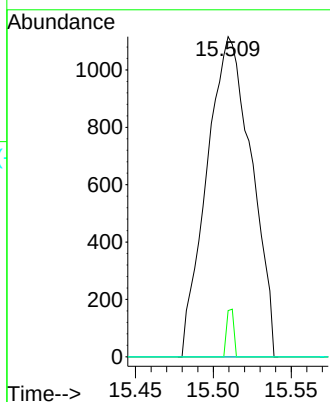


#95
Naphthalene
Concen: 4.025 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2232
Ion Ratio Lower Upper
128 100
127 2.4 10.5 15.7#
129 0.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.554 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069101.D
Acq: 21 Oct 2021 20:40

Tgt Ion:180 Resp: 141
Ion Ratio Lower Upper
180 100
182 76.6 48.1 144.3
145 0.0 17.4 52.2#

