

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069196.D
 Acq On : 26 Oct 2021 19:41
 Operator : JC/MD
 Sample : M4337-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:58:40 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)

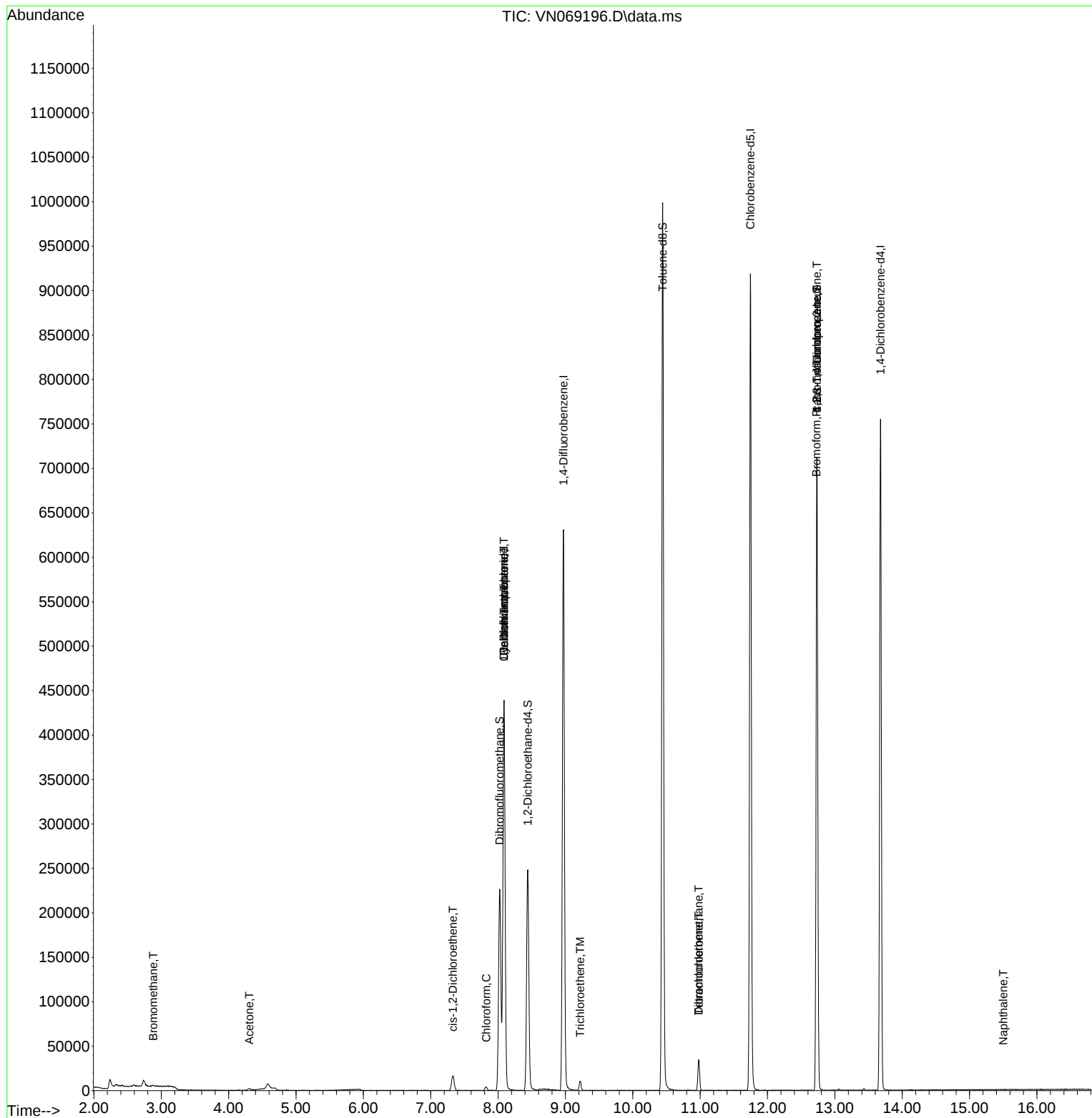
Internal Standards						
1) Pentafluorobenzene	8.088	168	328458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	570120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	541482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	204987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	213327	49.260	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	98.520%	
35) Dibromofluoromethane	8.024	113	166983	50.341	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.680%	
50) Toluene-d8	10.443	98	706953	53.267	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	106.540%	
62) 4-Bromofluorobenzene	12.733	95	253573	50.640	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	101.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.880	94	550	0.245	ug/l	94
16) Acetone	4.307	43	3341	2.067	ug/l	93
27) cis-1,2-Dichloroethene	7.329	96	10867	2.622	ug/l	83
30) Chloroform	7.825	83	4398	0.649	ug/l	95
31) Cyclohexane	8.086	56	7271	1.080	ug/l #	8
36) 1,1-Dichloropropene	8.086	75	26953	5.535	ug/l #	50
38) Carbon Tetrachloride	8.088	117	33556	6.274	ug/l #	16
44) Trichloroethene	9.220	130	4203	1.133	ug/l	95
60) Dibromochloromethane	10.977	129	7730	1.821	ug/l #	10
64) Tetrachloroethene	10.977	164	7872	2.257	ug/l	94
71) Bromoform	12.728	173	731	0.228	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	132378	30.351	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	132378	72.613	ug/l #	12
95) Naphthalene	15.501	128	50	3.817	ug/l #	69

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

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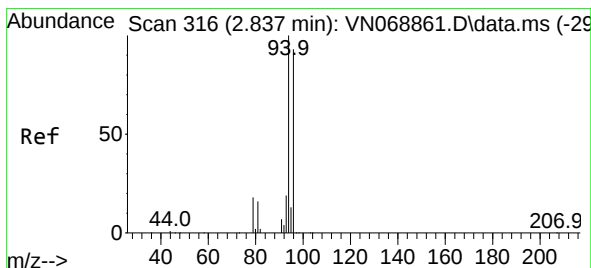
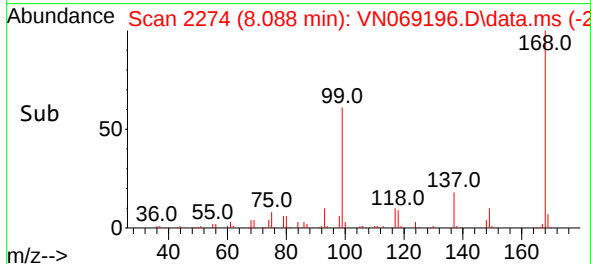
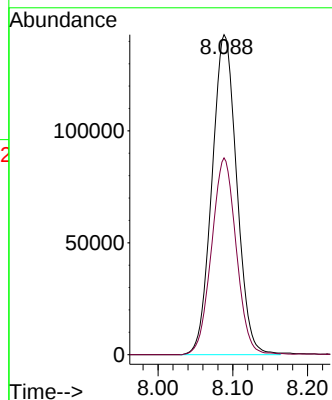
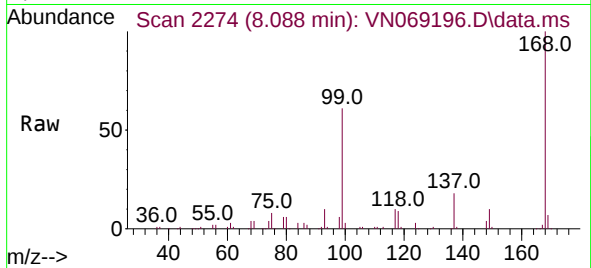




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

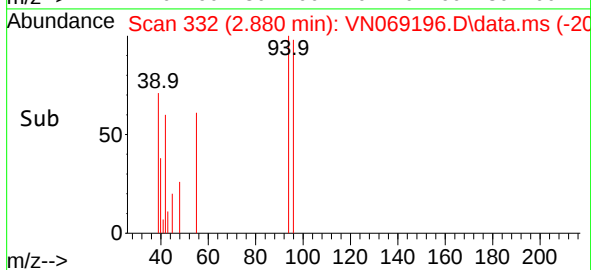
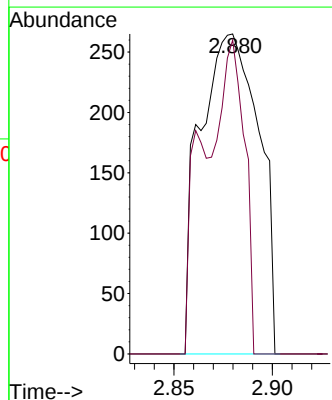
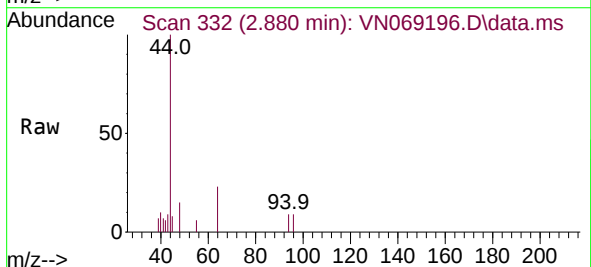
Instrument :
MSVOA_N
ClientSampled :

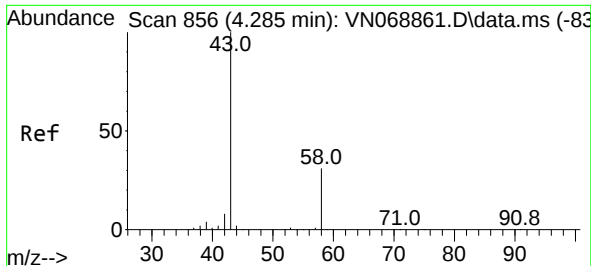
Tgt Ion:168 Resp: 328458
Ion Ratio Lower Upper
168 100
99 61.5 48.9 73.3



#5
Bromomethane
Concen: 0.245 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion: 94 Resp: 550
Ion Ratio Lower Upper
94 100
96 98.1 74.2 111.4

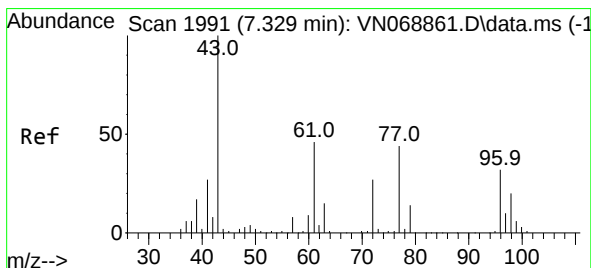
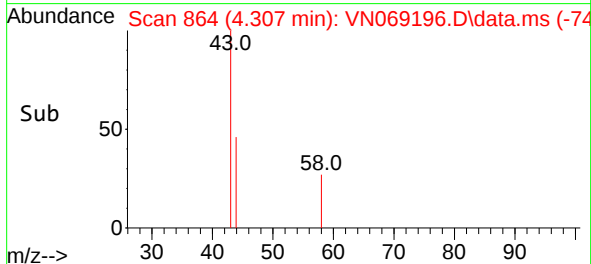
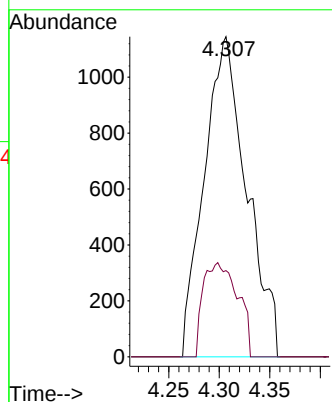
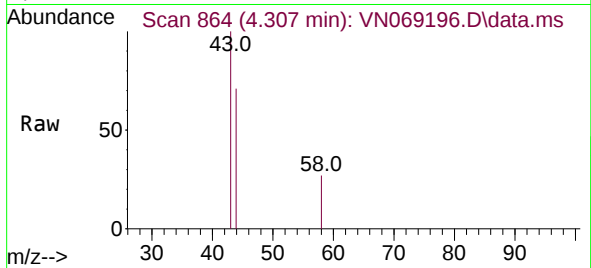




#16
Acetone
Concen: 2.067 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.021 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

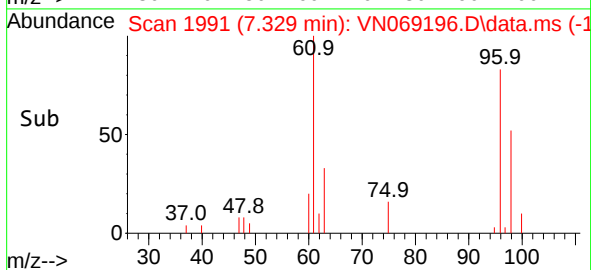
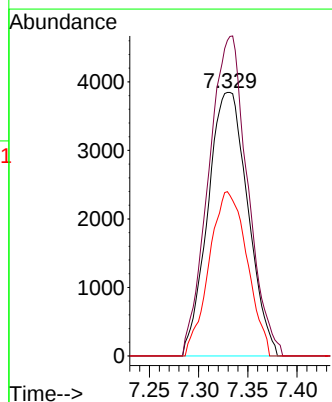
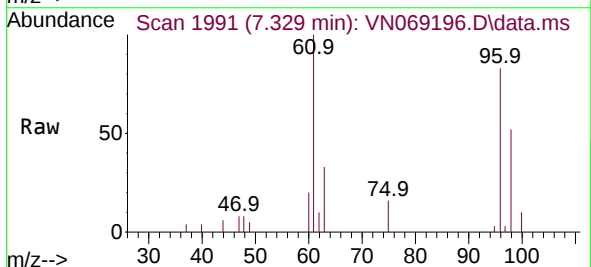
Instrument :
MSVOA_N
ClientSampled :

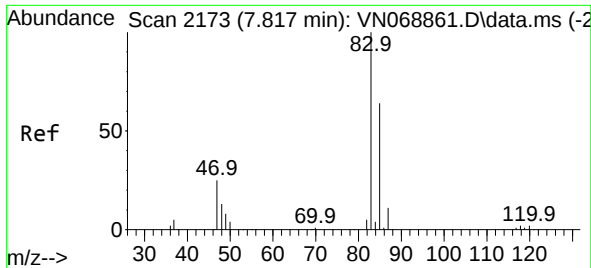
Tgt Ion: 43 Resp: 3341
Ion Ratio Lower Upper
43 100
58 26.9 24.5 36.7



#27
cis-1,2-Dichloroethene
Concen: 2.622 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion: 96 Resp: 10867
Ion Ratio Lower Upper
96 100
61 118.5 0.0 290.6
98 59.3 0.0 127.2

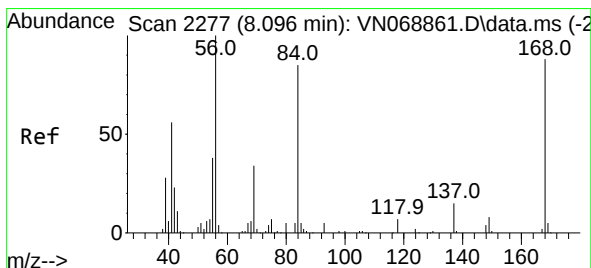
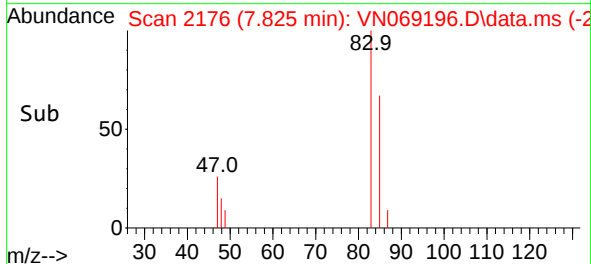
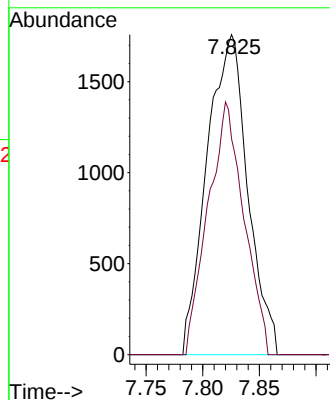
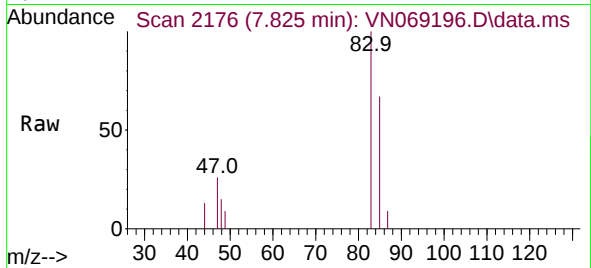




#30
Chloroform
Concen: 0.649 ug/l
RT: 7.825 min Scan# 2176
Delta R.T. 0.008 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

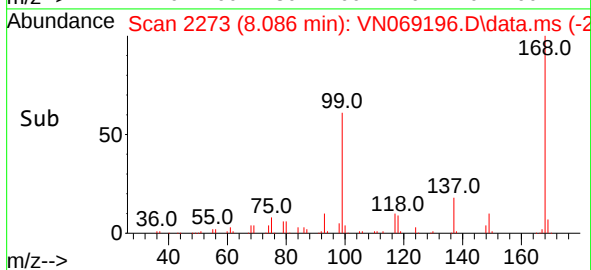
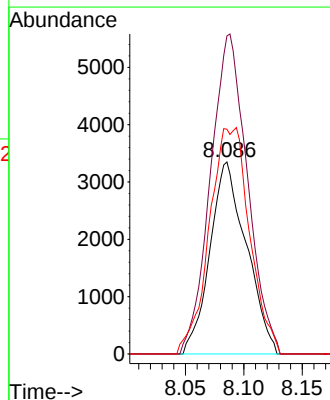
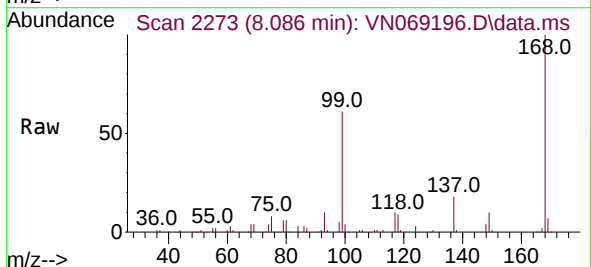
Instrument :
MSVOA_N
ClientSampled :

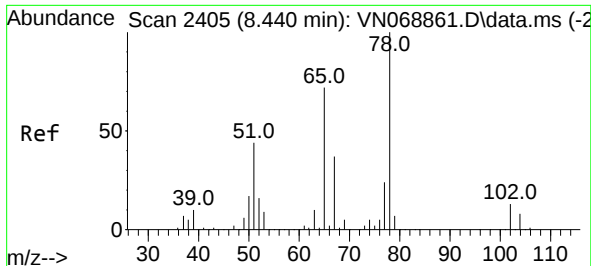
Tgt Ion: 83 Resp: 4398
Ion Ratio Lower Upper
83 100
85 67.5 51.1 76.7



#31
Cyclohexane
Concen: 1.080 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion: 56 Resp: 7271
Ion Ratio Lower Upper
56 100
69 165.6 26.9 40.3#
84 117.1 67.6 101.4#



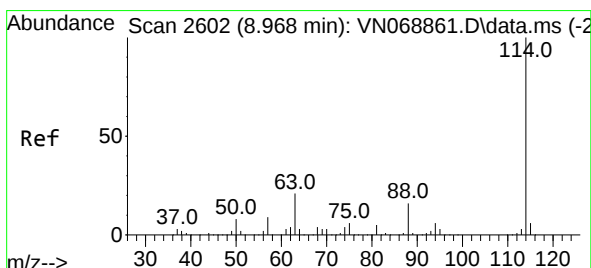
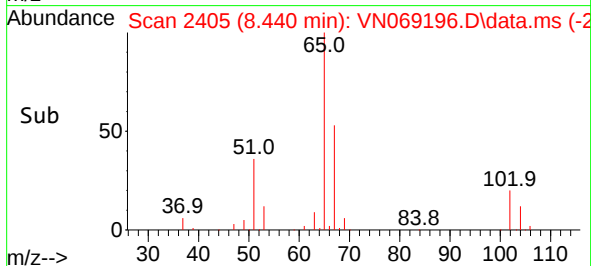
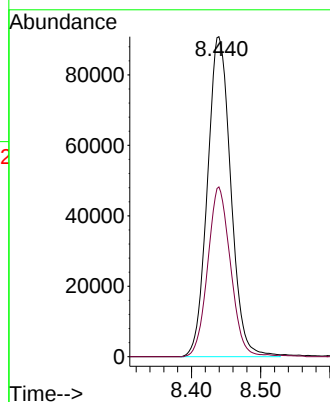
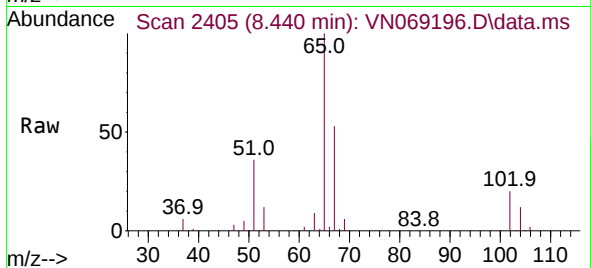


#33

1,2-Dichloroethane-d4
Concen: 49.260 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Instrument :
MSVOA_N
ClientSampled :

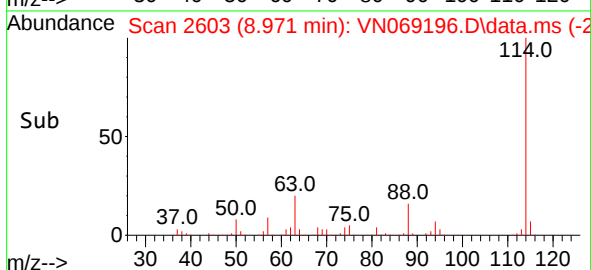
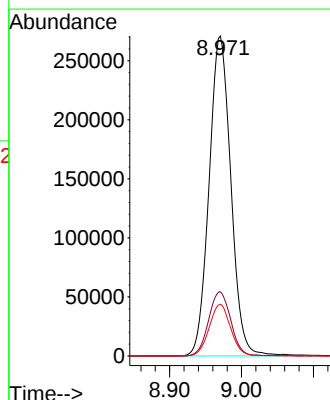
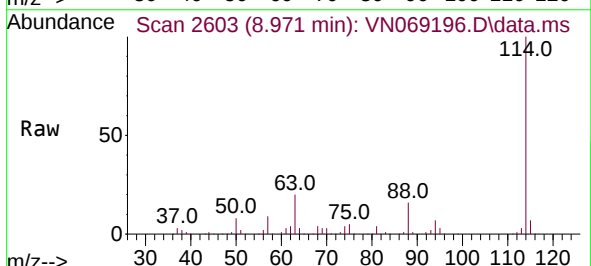
Tgt Ion: 65 Resp: 213327
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.8

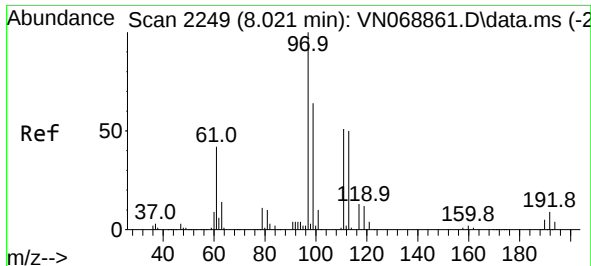


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion: 114 Resp: 570120
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 16.2 0.0 32.0

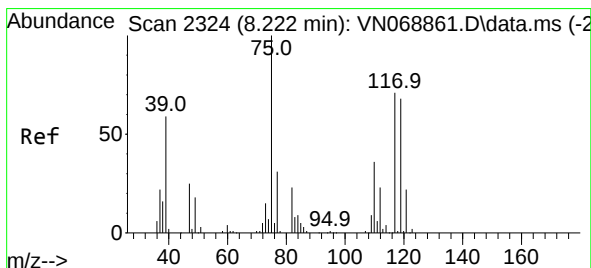
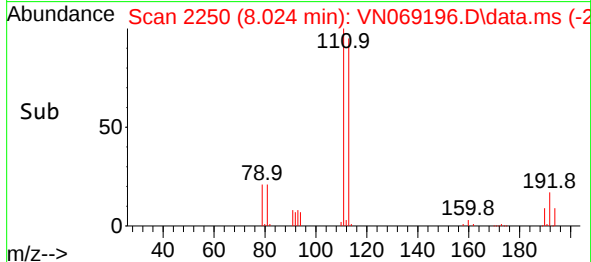
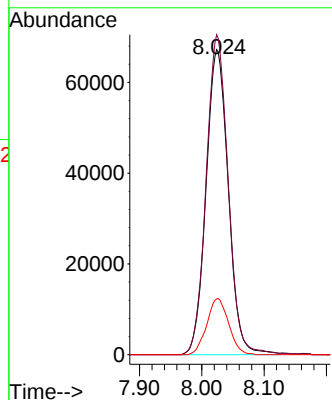
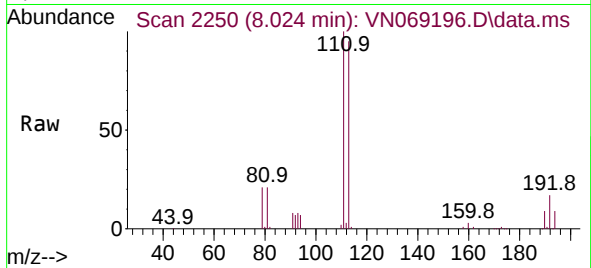




#35
Dibromofluoromethane
Concen: 50.341 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

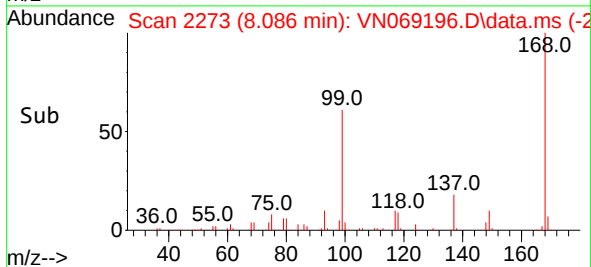
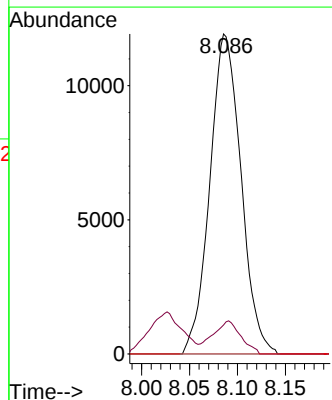
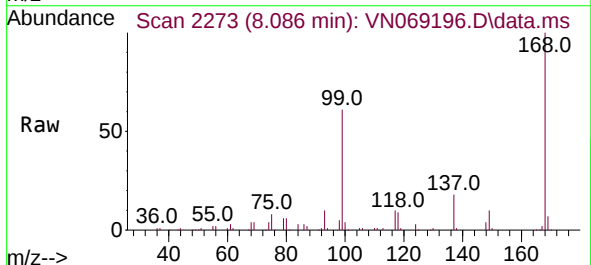
Instrument :
MSVOA_N
ClientSampled :

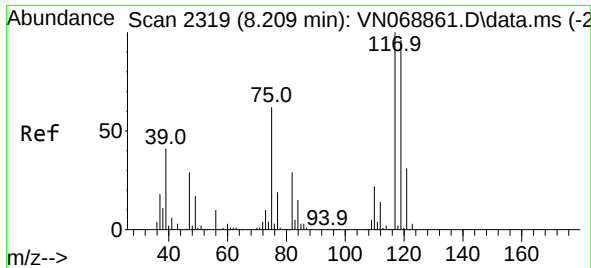
Tgt Ion:113 Resp: 166983
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 18.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.535 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

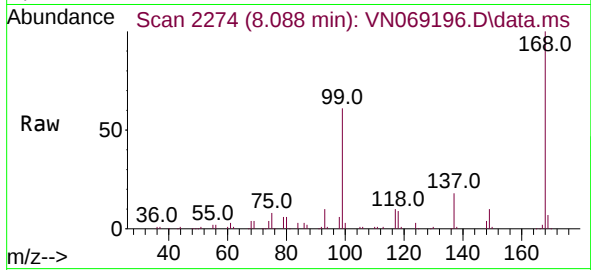
Tgt Ion: 75 Resp: 26953
Ion Ratio Lower Upper
75 100
110 9.2 17.9 53.8#
77 0.0 24.7 37.1#



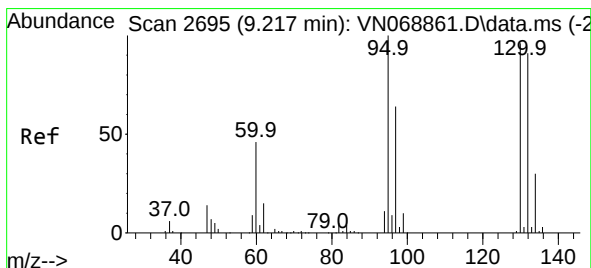
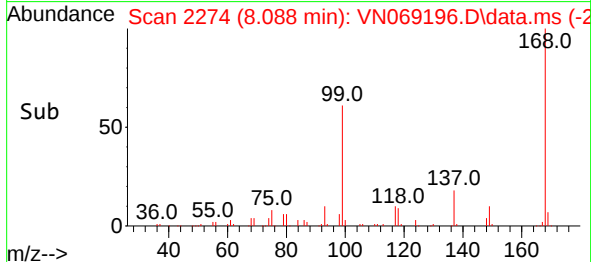
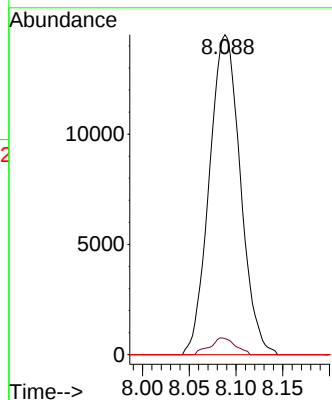


#38
Carbon Tetrachloride
Concen: 6.274 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Instrument :
MSVOA_N
ClientSampled :

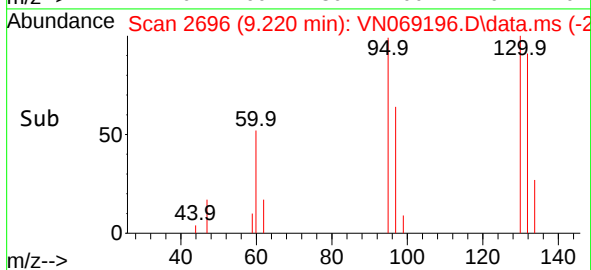
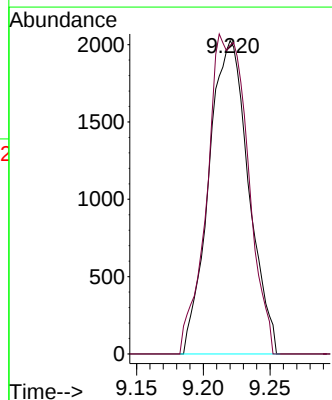
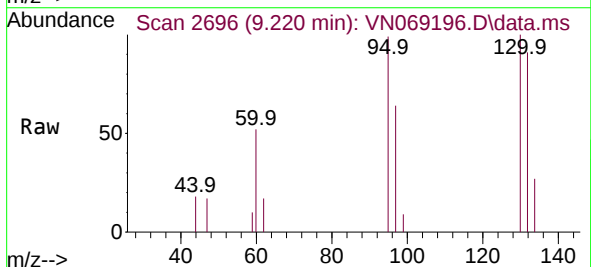


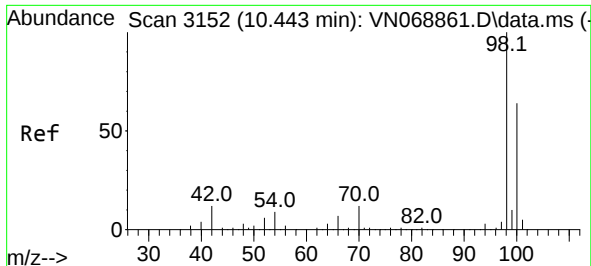
Tgt Ion:117 Resp: 33556
Ion Ratio Lower Upper
117 100
119 5.0 76.9 115.3#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 1.133 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.003 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion:130 Resp: 4203
Ion Ratio Lower Upper
130 100
95 98.5 0.0 208.0

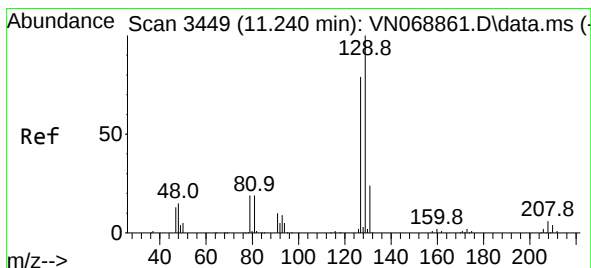
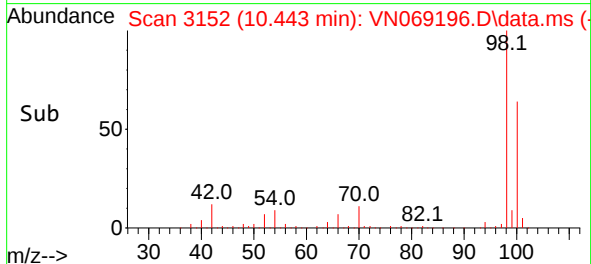
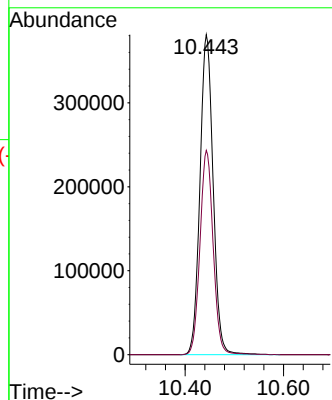
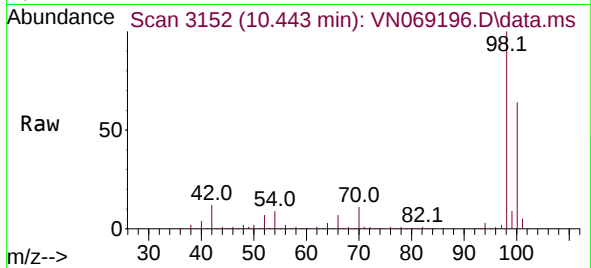




#50
Toluene-d8
Concen: 53.267 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

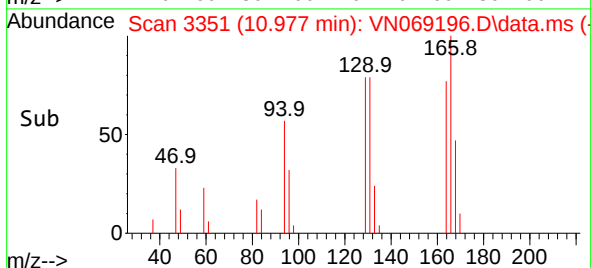
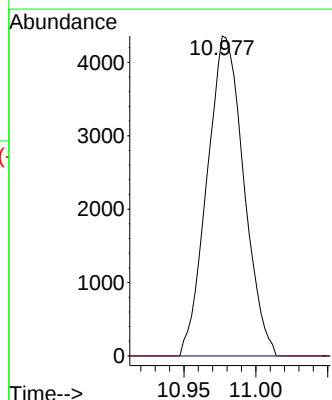
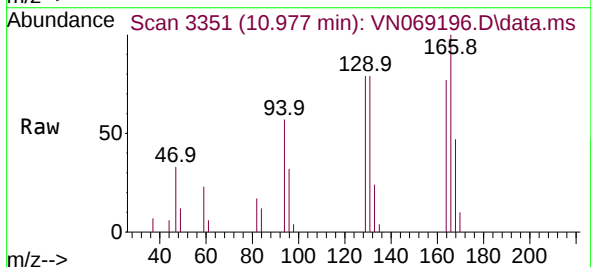
Instrument :
MSVOA_N
ClientSampled :

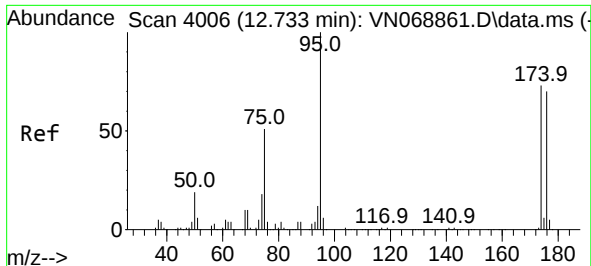
Tgt Ion: 98 Resp: 706953
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#60
Dibromochloromethane
Concen: 1.821 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion: 129 Resp: 7730
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

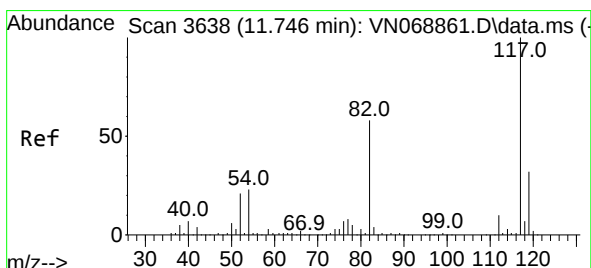
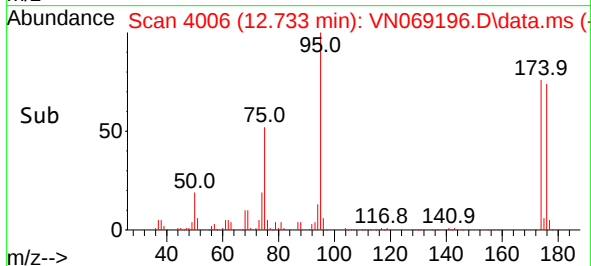
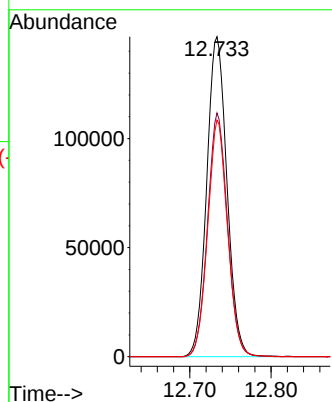
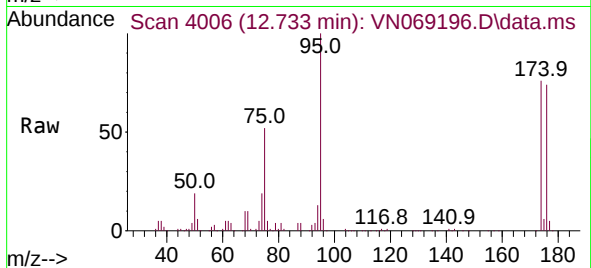




#62
4-Bromofluorobenzene
Concen: 50.640 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

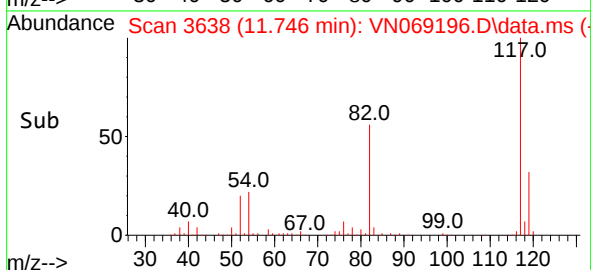
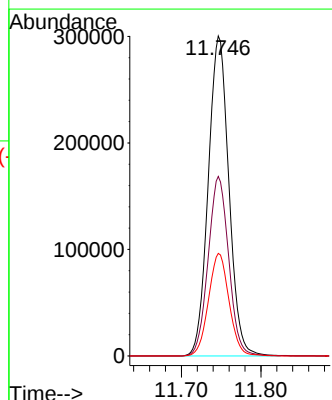
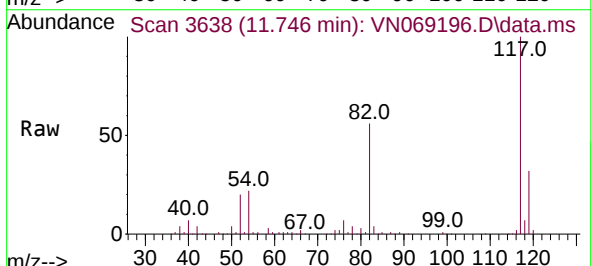
Instrument :
MSVOA_N
ClientSampleId :

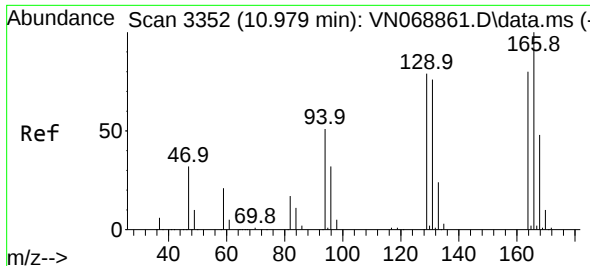
Tgt Ion: 95 Resp: 253573
Ion Ratio Lower Upper
95 100
174 75.1 0.0 144.8
176 72.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion: 117 Resp: 541482
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 32.1 26.0 39.0



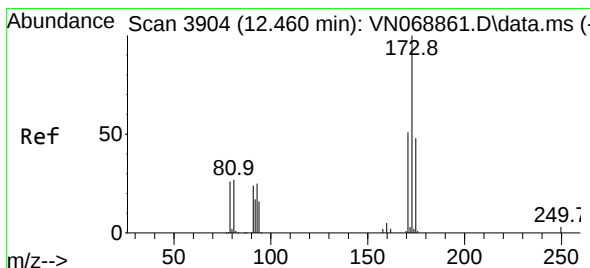
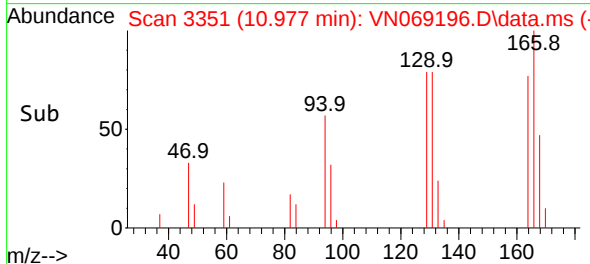
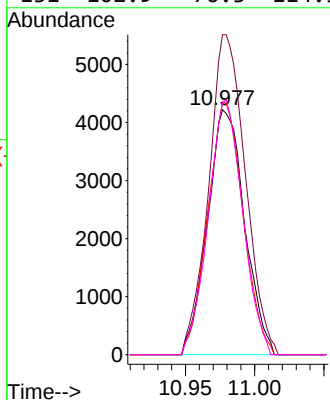
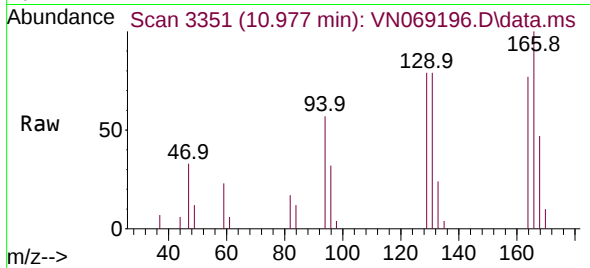


#64
Tetrachloroethene
Concen: 2.257 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.003 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:164 Resp: 7872

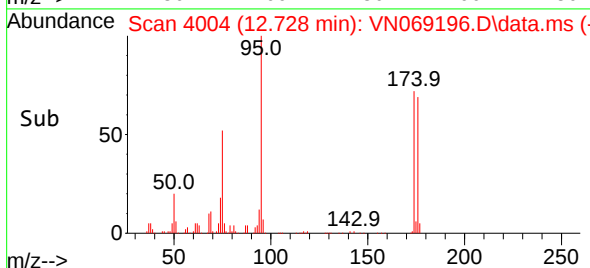
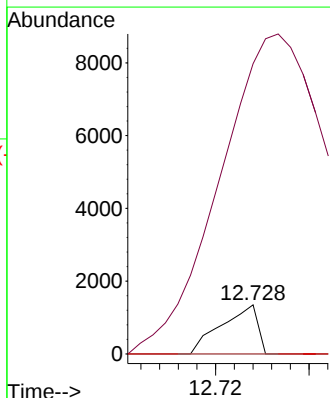
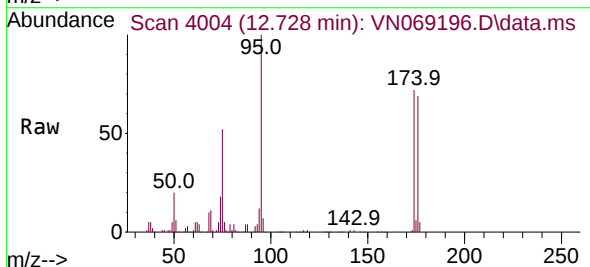
Ion	Ratio	Lower	Upper
164	100		
166	130.6	99.8	149.8
129	103.3	79.2	118.8
131	102.9	76.3	114.5

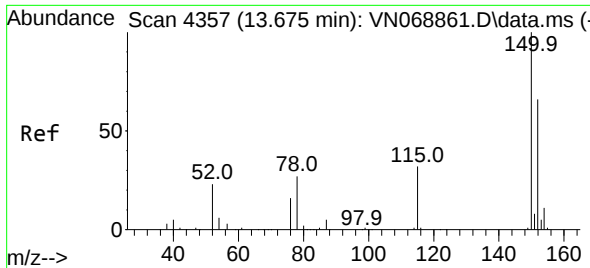


#71
Bromoform
Concen: 0.228 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion:173 Resp: 731

Ion	Ratio	Lower	Upper
173	100		
175	1909.6	23.8	71.5#
254	0.0	0.0	0.0

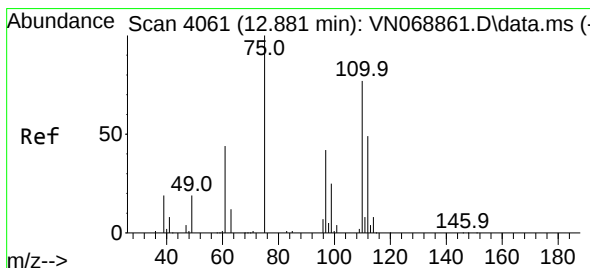
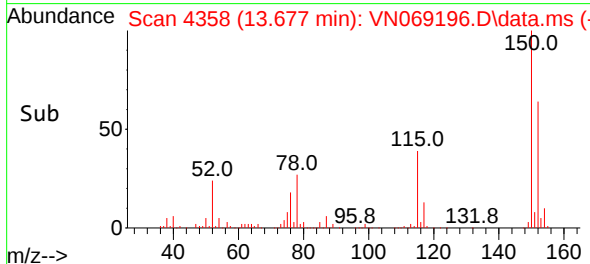
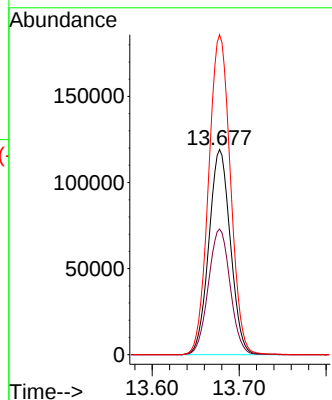
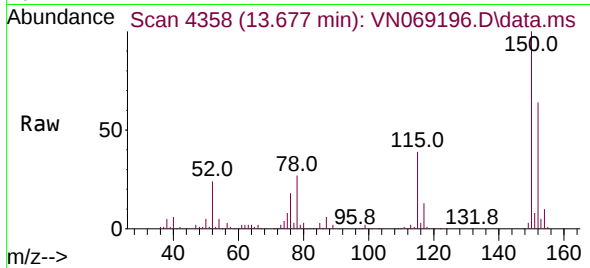




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

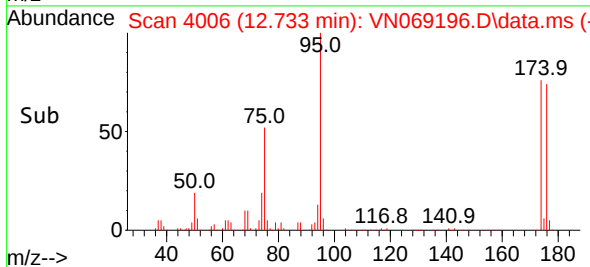
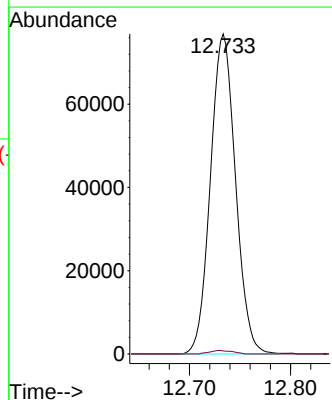
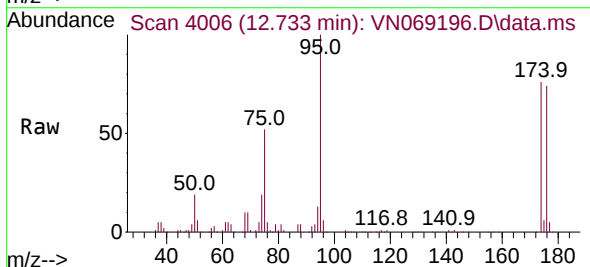
Instrument :
MSVOA_N
ClientSampled :

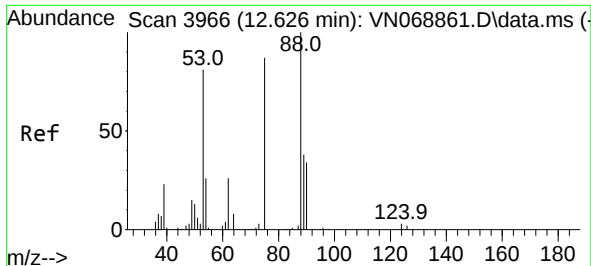
Tgt Ion:152 Resp: 204987
Ion Ratio Lower Upper
152 100
115 62.2 31.4 94.3
150 158.0 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 30.351 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion: 75 Resp: 132378
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#

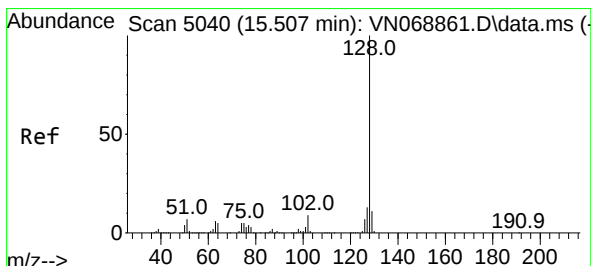
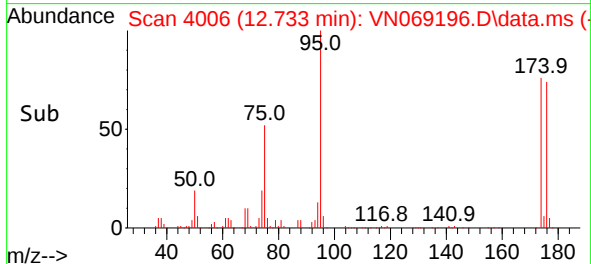
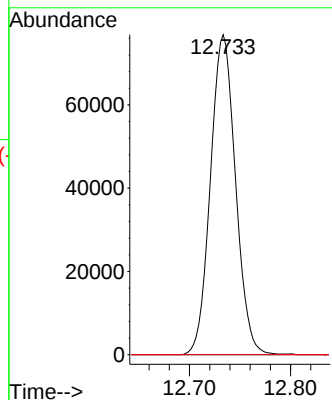
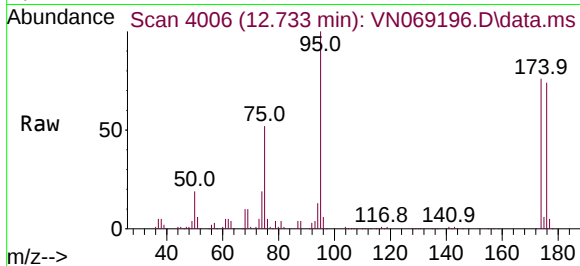




#81
trans-1,4-Dichloro-2-butene
Concen: 72.613 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 132378
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.817 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN069196.D
Acq: 26 Oct 2021 19:41

Tgt Ion:128 Resp: 50
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

