

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069223.D
 Acq On : 27 Oct 2021 17:12
 Operator : JC/MD
 Sample : M4338-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:22:07 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

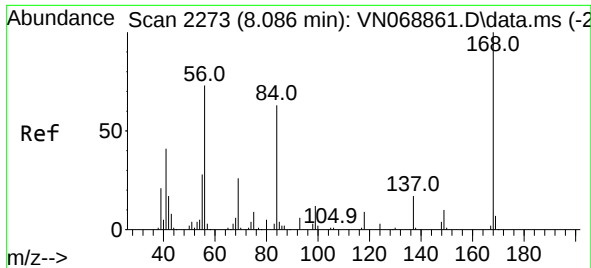
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	360405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	630389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	599323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	218314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	237138	49.905	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.800%		
35) Dibromofluoromethane	8.024	113	185389	50.547	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.100%		
50) Toluene-d8	10.443	98	783534	53.393	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.780%		
62) 4-Bromofluorobenzene	12.734	95	275747	49.804	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.600%		
Target Compounds						Qvalue
14) Allyl chloride	4.575	41	1939	0.311	ug/l #	38
16) Acetone	4.307	43	4534	2.557	ug/l #	88
31) Cyclohexane	8.086	56	8424	1.140	ug/l #	5
36) 1,1-Dichloropropene	8.088	75	29604	5.498	ug/l #	50
38) Carbon Tetrachloride	8.088	117	37637	6.364	ug/l #	16
44) Trichloroethene	9.220	130	2919	0.711	ug/l	88
51) 4-Methyl-2-Pentanone	10.438	43	3296	0.579	ug/l #	1
60) Dibromochloromethane	10.977	129	7039	1.499	ug/l #	10
64) Tetrachloroethene	10.980	164	7056	1.828	ug/l	95
76) 1,2,3-Trichloropropane	12.734	75	146285	31.492	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	146285	75.344	ug/l #	12
95) Naphthalene	15.501	128	186	3.829	ug/l #	69

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

Quant Time: Oct 28 05:22:07 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

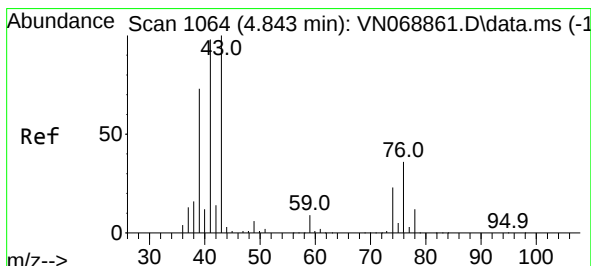
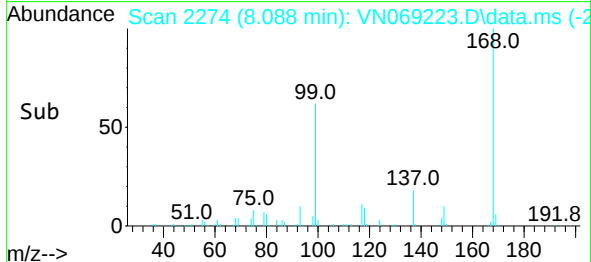
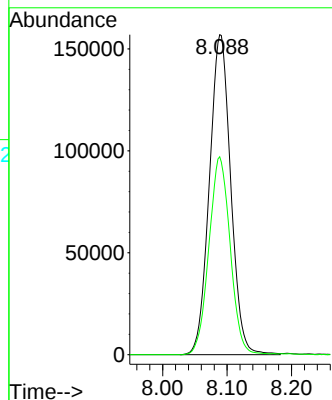
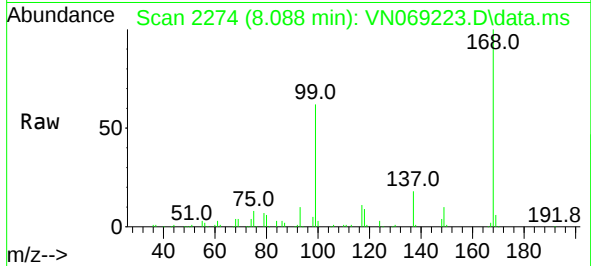




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

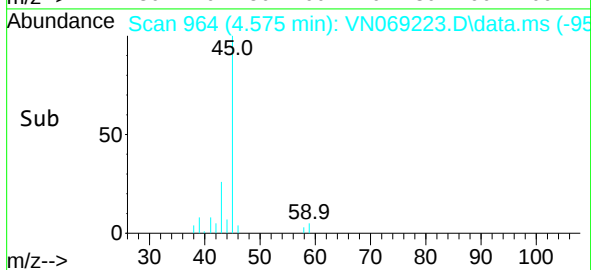
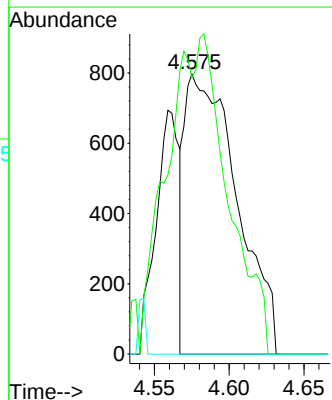
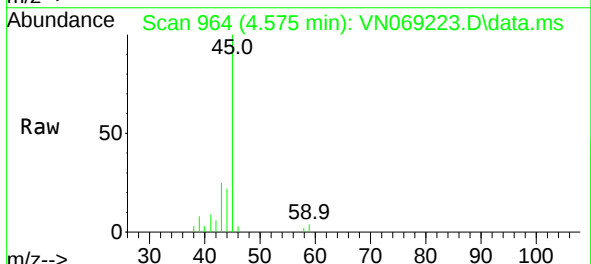
Instrument :
MSVOA_N
ClientSampled :

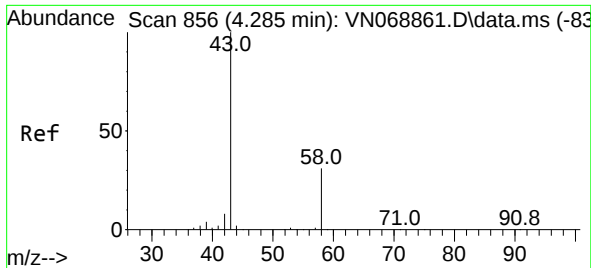
Tgt Ion:168 Resp: 360405
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3



#14
Allyl chloride
Concen: 0.311 ug/l
RT: 4.575 min Scan# 964
Delta R.T. -0.268 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

Tgt Ion: 41 Resp: 1939
Ion Ratio Lower Upper
41 100
39 17.1 55.6 83.4#
76 0.0 26.4 39.6#

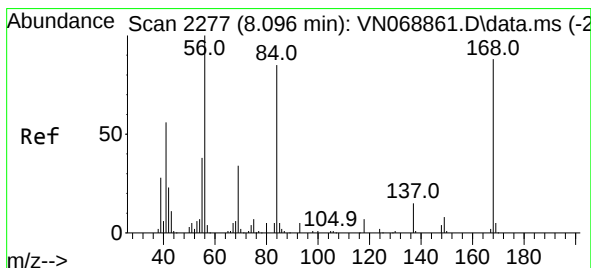
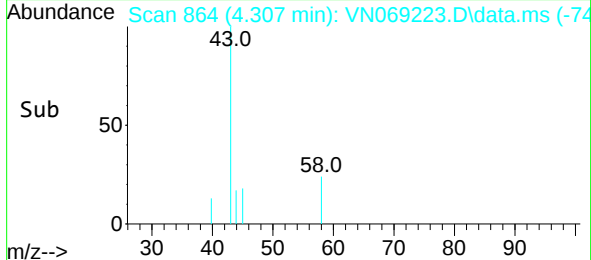
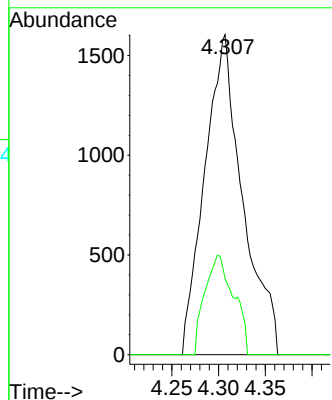
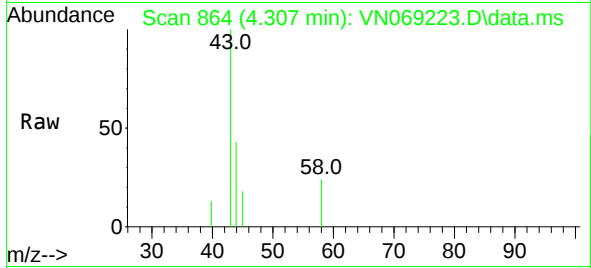




#16
Acetone
Concen: 2.557 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.022 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

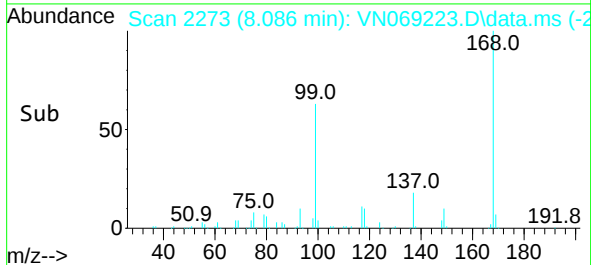
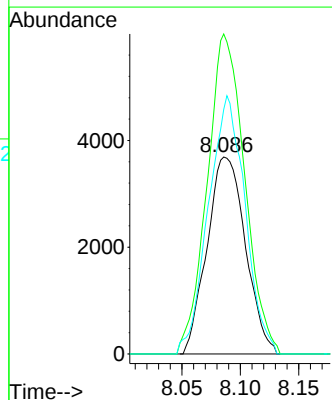
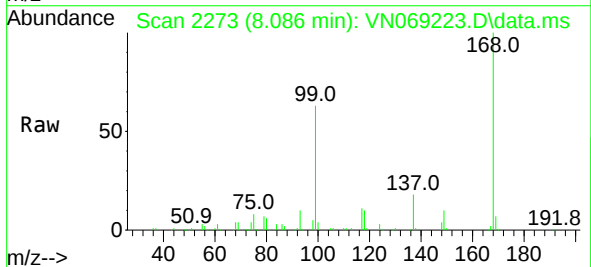
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MSVOA_N
ClientSampled :

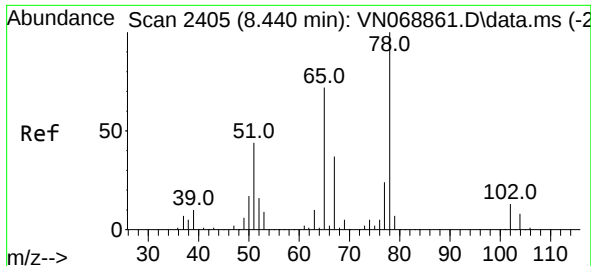
Tgt Ion: 43 Resp: 4534
Ion Ratio Lower Upper
43 100
58 23.9 24.5 36.7#



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

Tgt Ion: 56 Resp: 8424
Ion Ratio Lower Upper
56 100
69 162.4 26.9 40.3#
84 124.1 67.6 101.4#



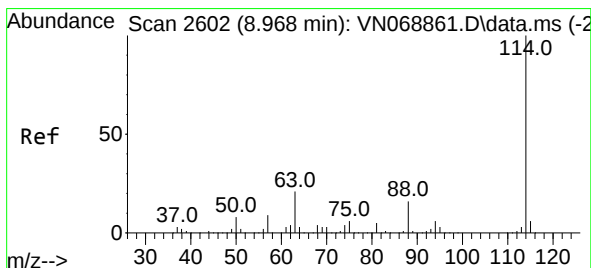
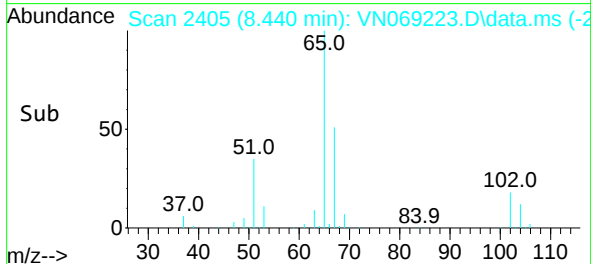
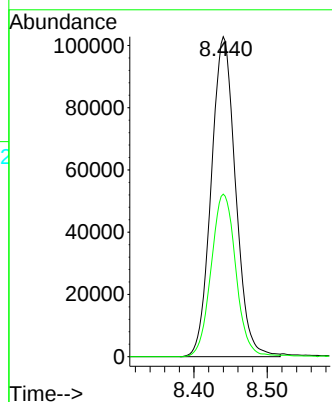
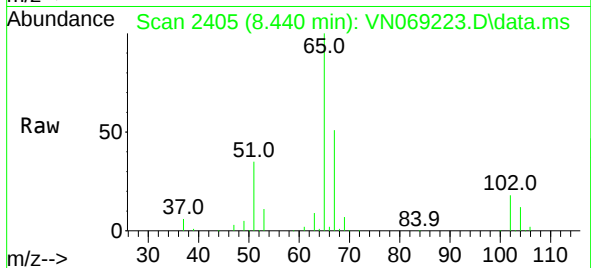


#33

1,2-Dichloroethane-d4
Concen: 49.905 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

Instrument :
MSVOA_N
ClientSampled :

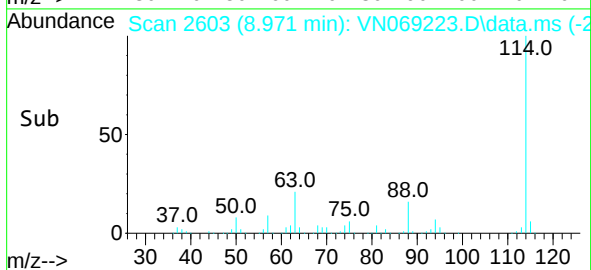
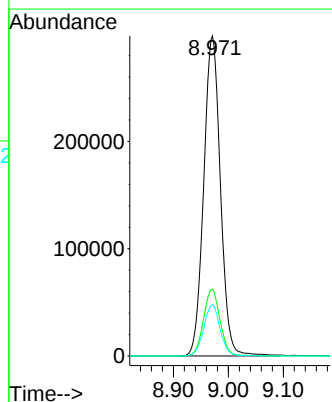
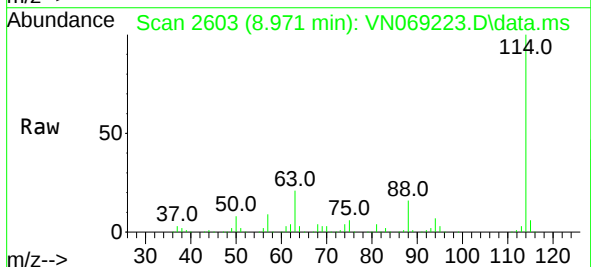
Tgt Ion: 65 Resp: 237138
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8

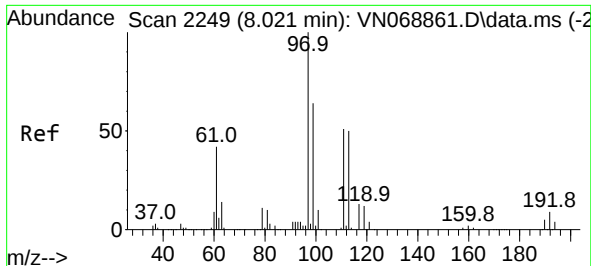


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

Tgt Ion: 114 Resp: 630389
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 16.0 0.0 32.0

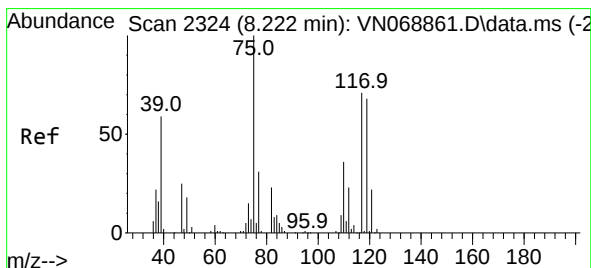
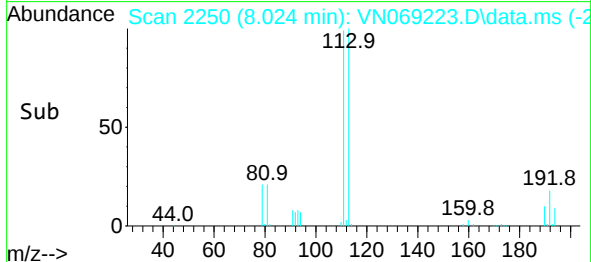
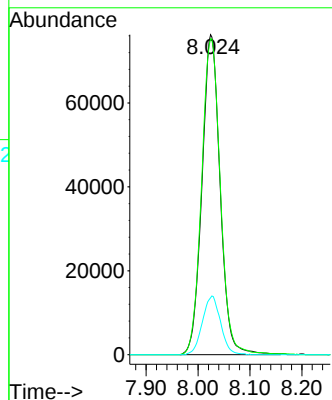
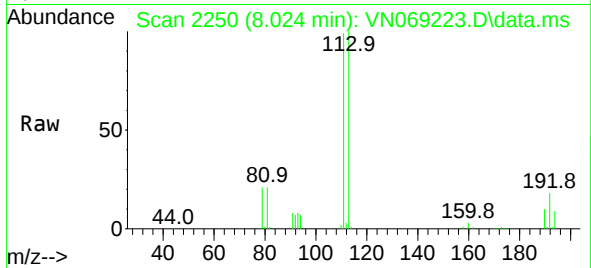




#35
Dibromofluoromethane
Concen: 50.547 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

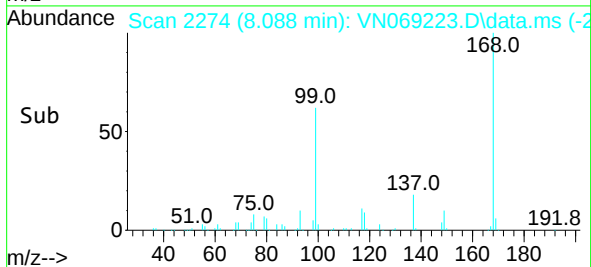
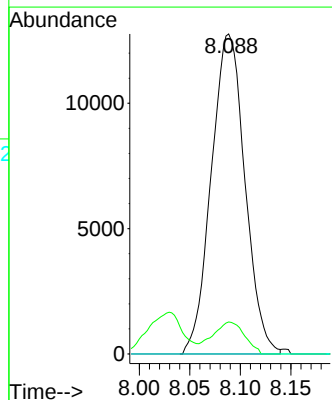
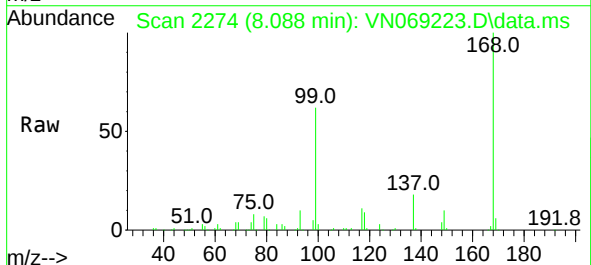
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MSVOA_N
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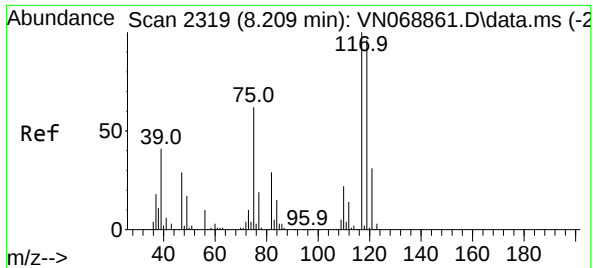
Tgt Ion:113 Resp: 185389
Ion Ratio Lower Upper
113 100
111 101.5 83.2 124.8
192 18.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.498 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

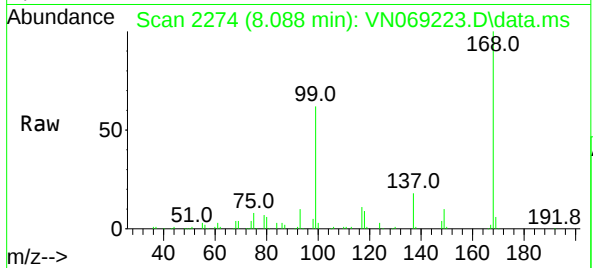
Tgt Ion: 75 Resp: 29604
Ion Ratio Lower Upper
75 100
110 9.5 17.9 53.8#
77 0.0 24.7 37.1#



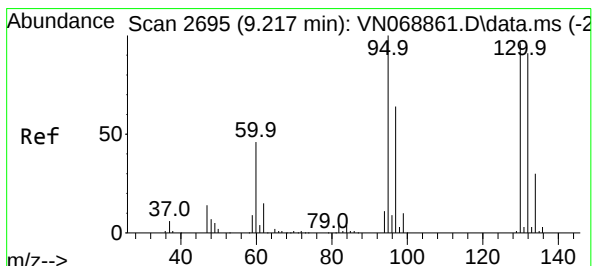
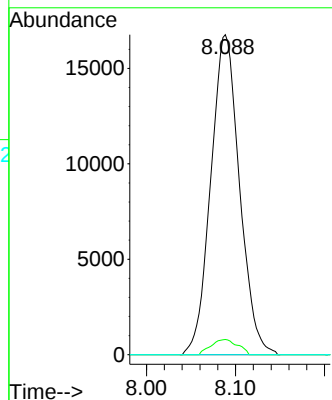
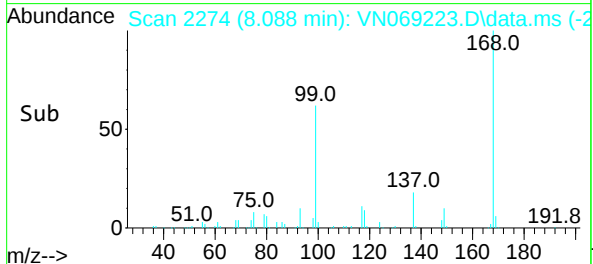


#38
Carbon Tetrachloride
Concen: 6.364 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

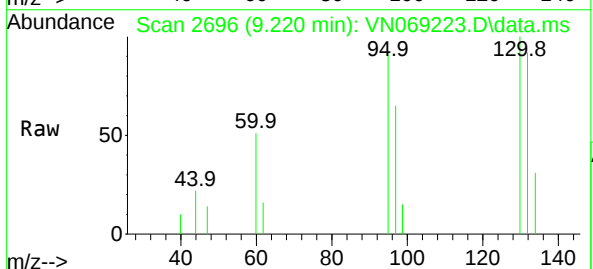
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MSVOA_N
ClientSampled :



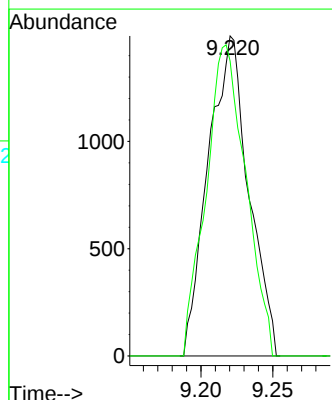
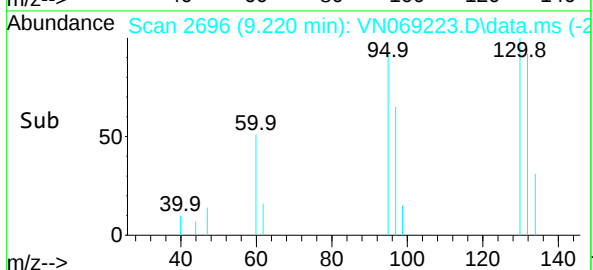
Tgt Ion:117 Resp: 37637
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 24.6 37.0#

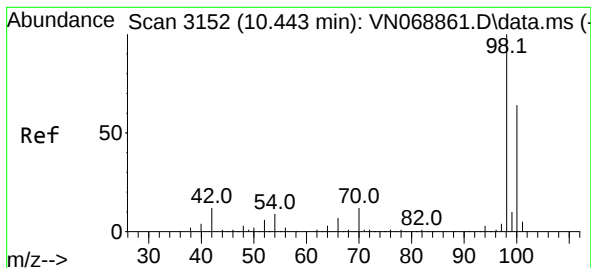


#44
Trichloroethene
Concen: 0.711 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.003 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12



Tgt Ion:130 Resp: 2919
Ion Ratio Lower Upper
130 100
95 92.2 0.0 208.0

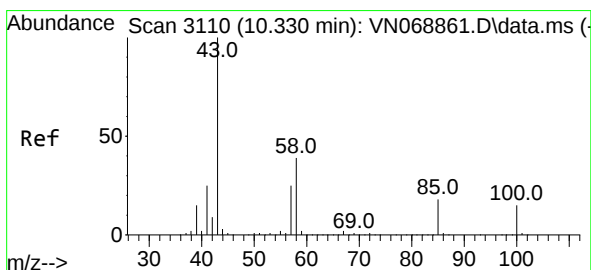
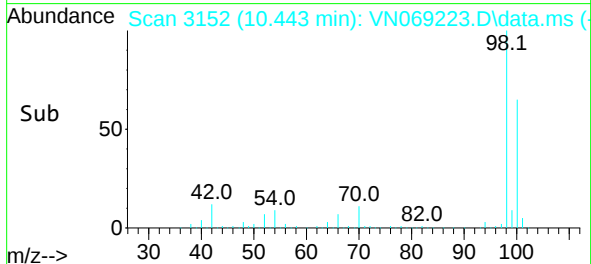
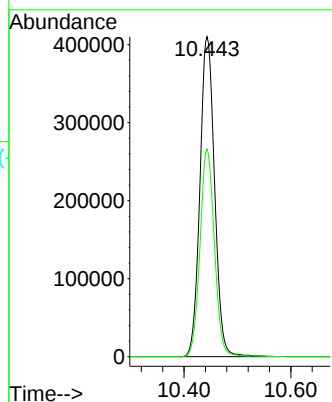
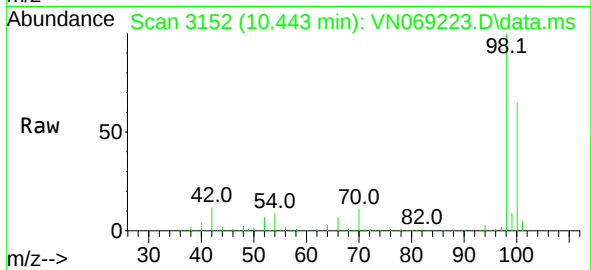




#50
Toluene-d8
Concen: 53.393 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

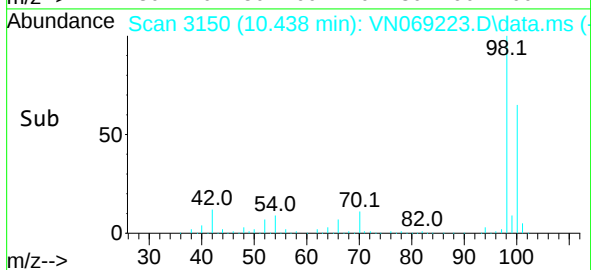
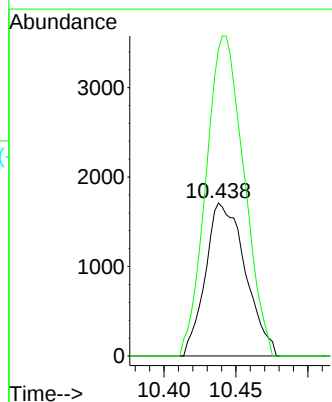
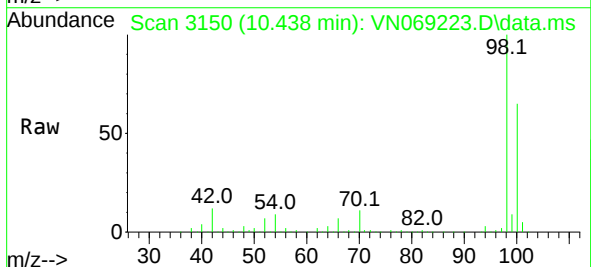
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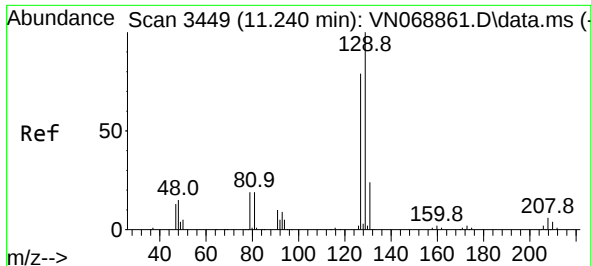
Tgt Ion: 98 Resp: 783534
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. 0.107 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

Tgt Ion: 43 Resp: 3296
Ion Ratio Lower Upper
43 100
58 199.0 31.0 46.4#

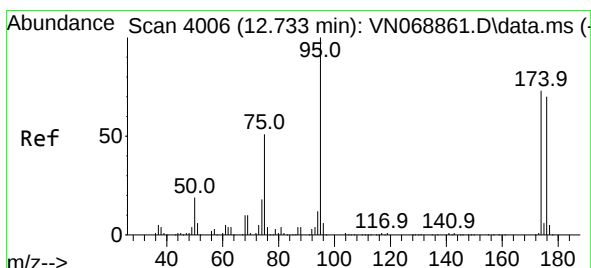
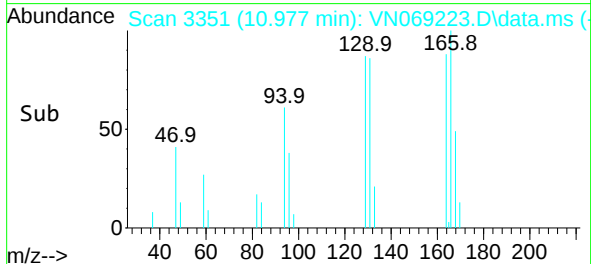
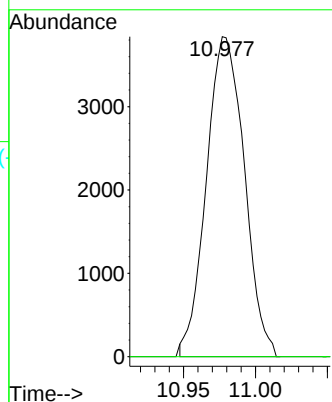
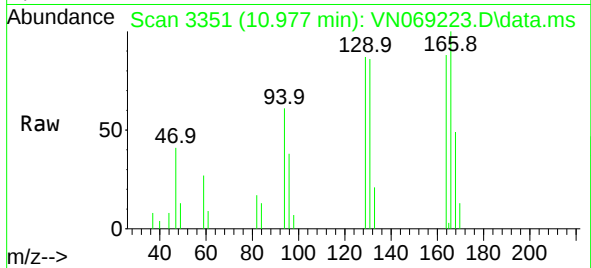




#60
Dibromochloromethane
Concen: 1.499 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

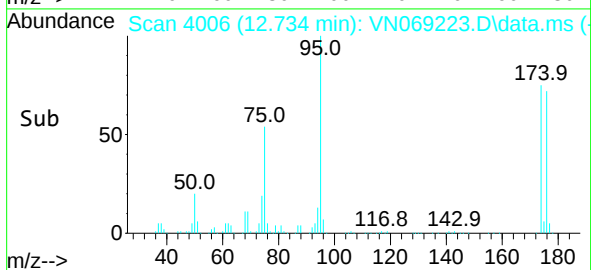
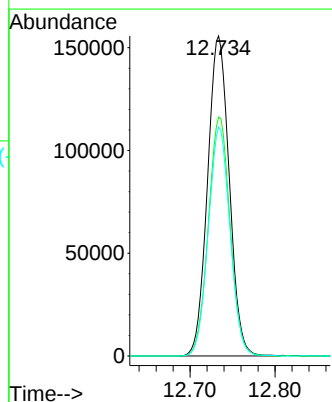
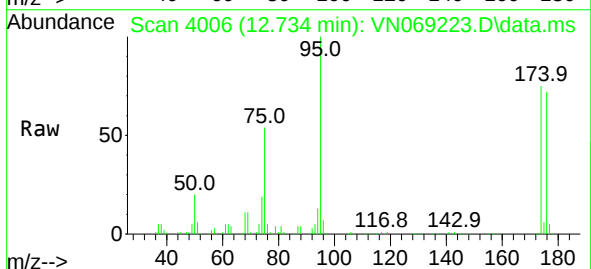
Instrument :
MSVOA_N
ClientSampleId :

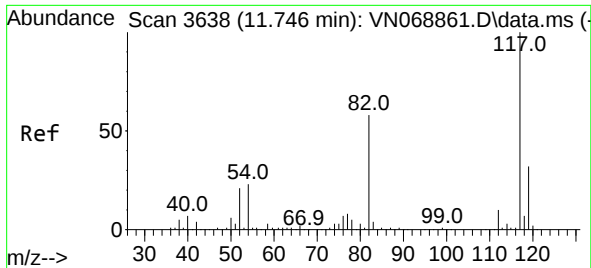
Tgt Ion:129 Resp: 7039
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 49.804 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

Tgt Ion: 95 Resp: 275747
Ion Ratio Lower Upper
95 100
174 75.0 0.0 144.8
176 71.6 0.0 140.0

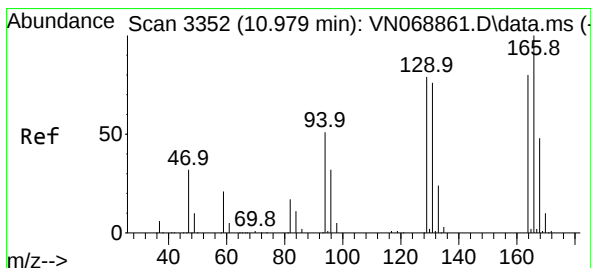
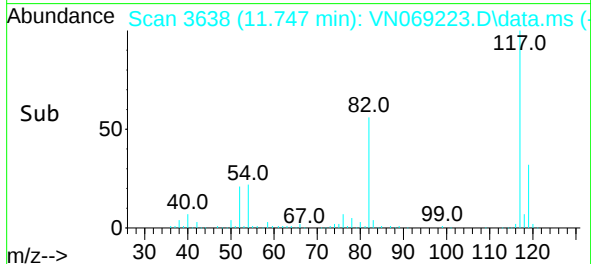
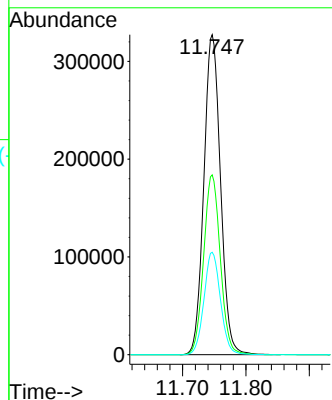
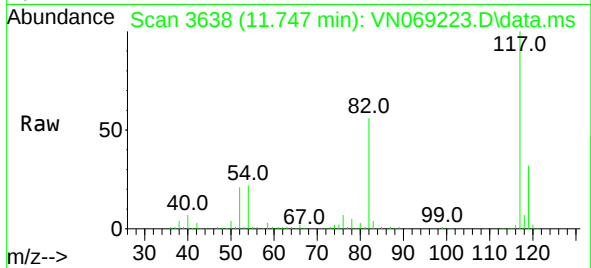




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

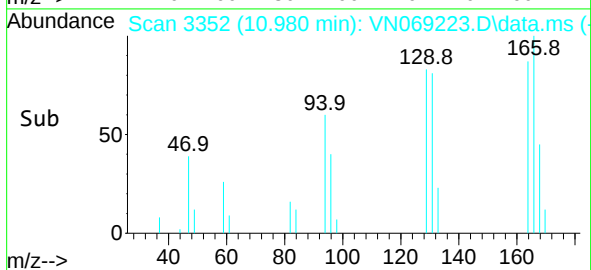
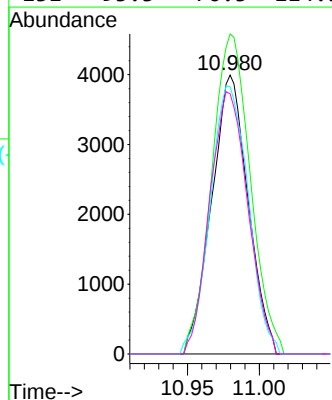
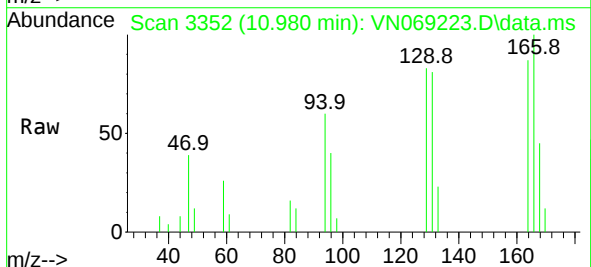
Instrument :
MSVOA_N
ClientSampleId :

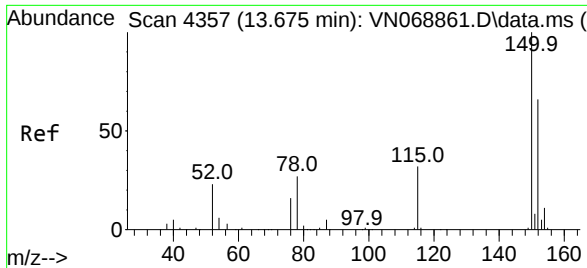
Tgt Ion:117 Resp: 599323
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 1.828 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

Tgt Ion:164 Resp: 7056
Ion Ratio Lower Upper
164 100
166 114.7 99.8 149.8
129 95.8 79.2 118.8
131 93.3 76.3 114.5

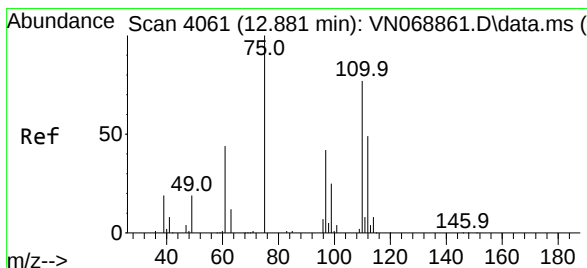
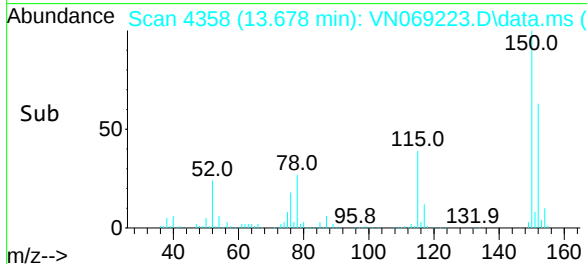
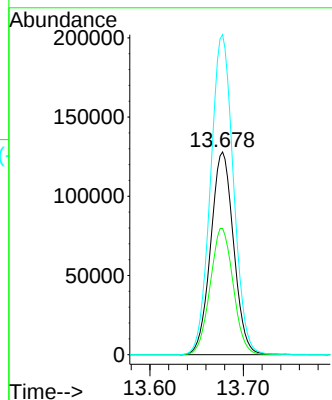
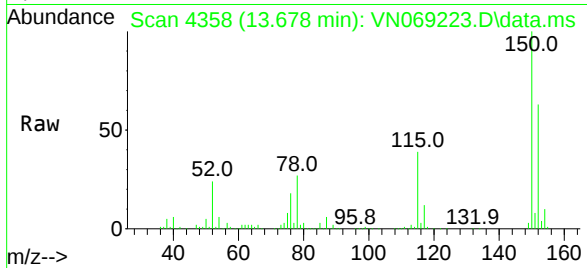




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069223.D
 Acq: 27 Oct 2021 17:12

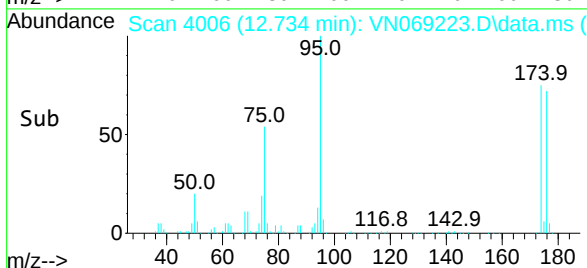
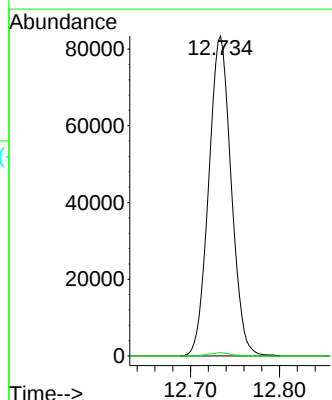
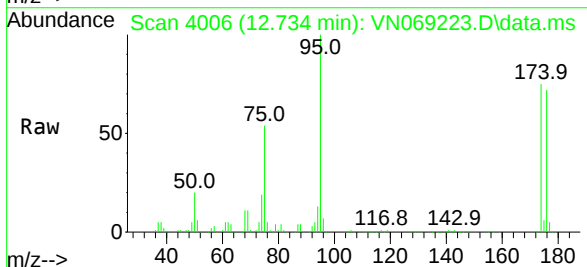
Instrument :
 MSVOA_N
 ClientSampled :

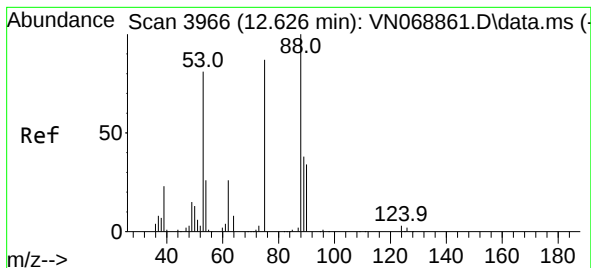
Tgt Ion:152 Resp: 218314
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.4 94.3
 150 157.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.492 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069223.D
 Acq: 27 Oct 2021 17:12

Tgt Ion: 75 Resp: 146285
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

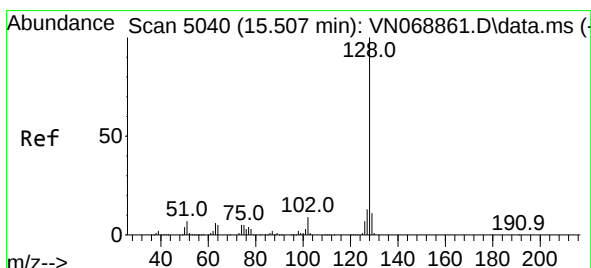
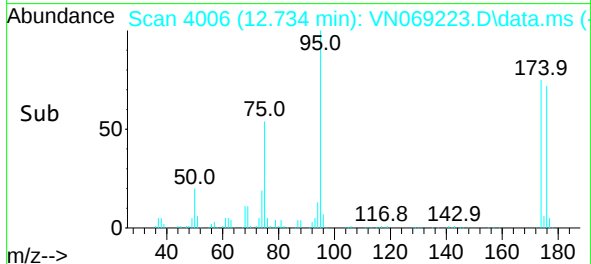
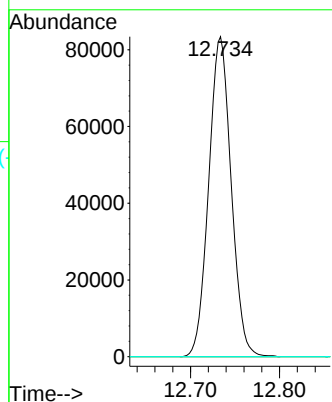
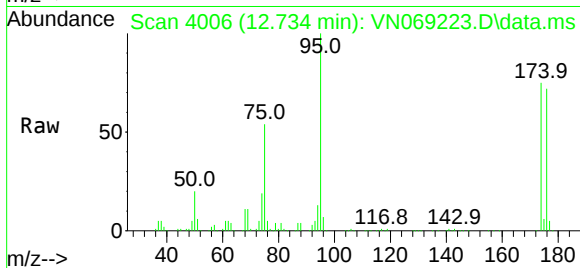




#81
trans-1,4-Dichloro-2-butene
Concen: 75.344 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 146285
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.829 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN069223.D
Acq: 27 Oct 2021 17:12

Tgt Ion:128 Resp: 186
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

