

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069095.D
 Acq On : 21 Oct 2021 18:08
 Operator : JC/MD
 Sample : M4301-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:34:29 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	316236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	561805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	514953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	193126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	210137	50.399	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.800%
35) Dibromofluoromethane	8.024	113	162050	49.577	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.160%
50) Toluene-d8	10.443	98	691056	52.840	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.680%
62) 4-Bromofluorobenzene	12.734	95	238971	48.431	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.860%

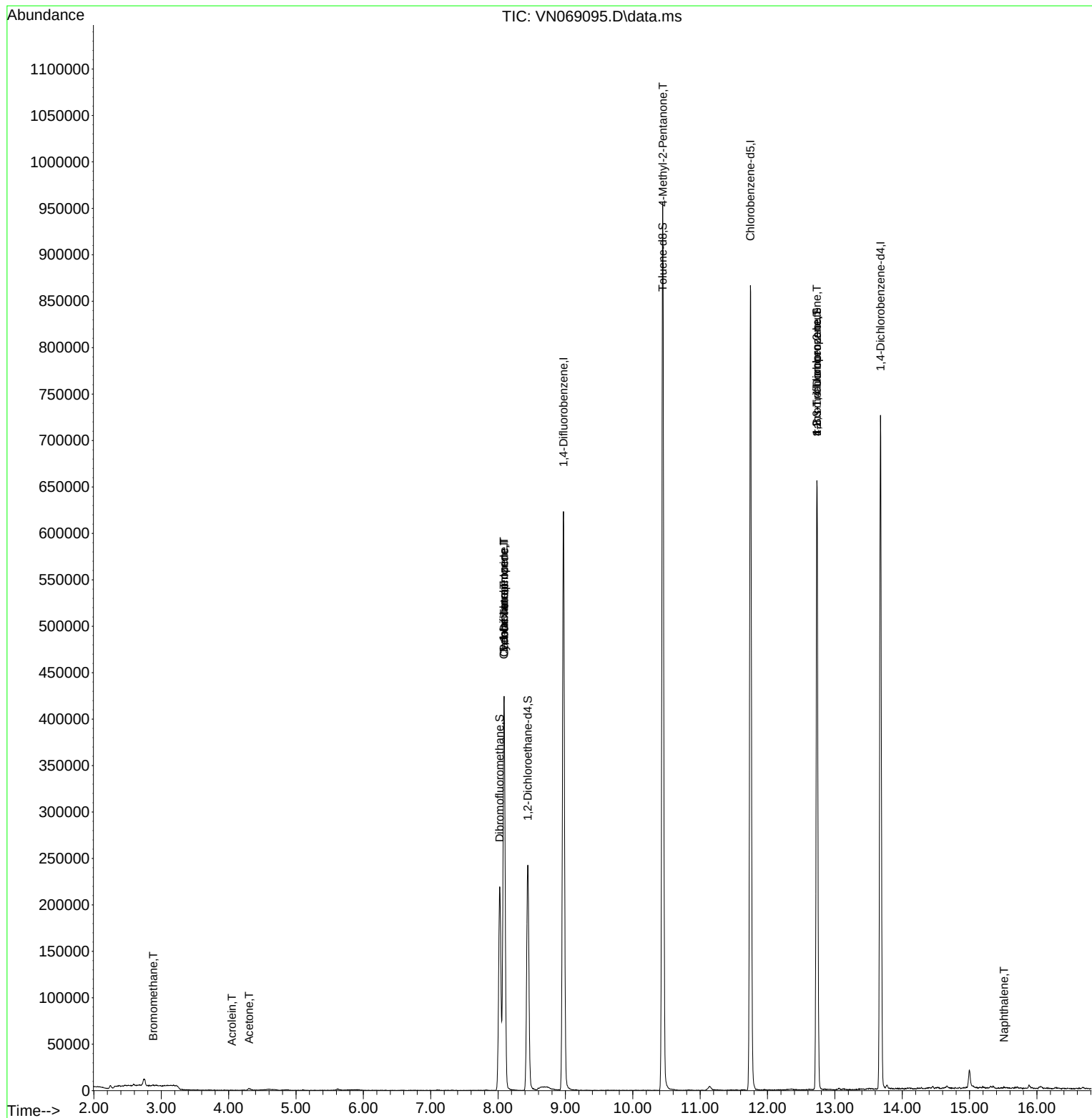
Target Compounds					Qvalue	
5) Bromomethane	2.880	94	495	0.229	ug/l	86
13) Acrolein	4.047	56	83	0.246	ug/l #	13
16) Acetone	4.301	43	2429	1.561	ug/l	97
31) Cyclohexane	8.086	56	7725	1.192	ug/l #	24
36) 1,1-Dichloropropene	8.088	75	26763	5.577	ug/l #	44
38) Carbon Tetrachloride	8.091	117	32985	6.259	ug/l #	15
51) 4-Methyl-2-Pentanone	10.448	43	3247	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	123167	29.974	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	123167	71.710	ug/l #	12
95) Naphthalene	15.509	128	841	3.898	ug/l #	69

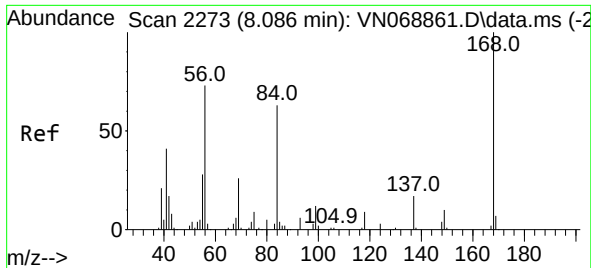
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
Data File : VN069095.D
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ClientSampleId :

Quant Time: Oct 22 01:34:29 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

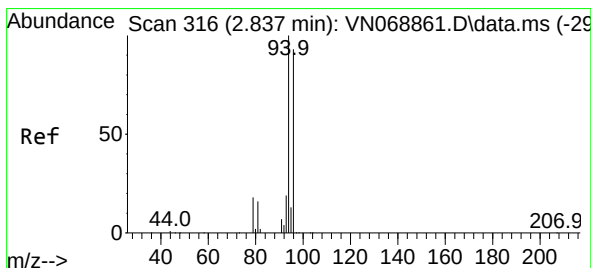
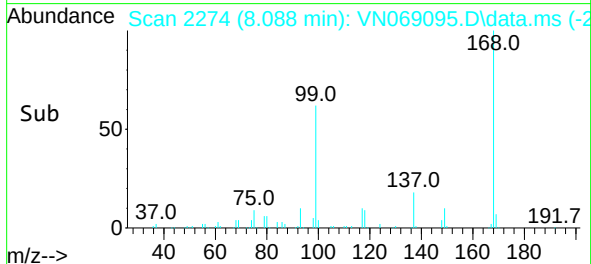
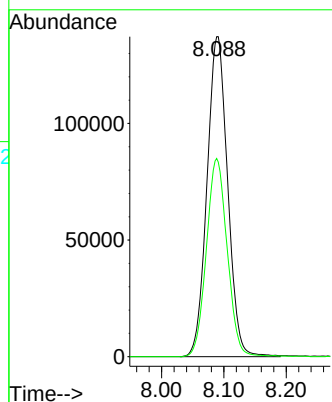
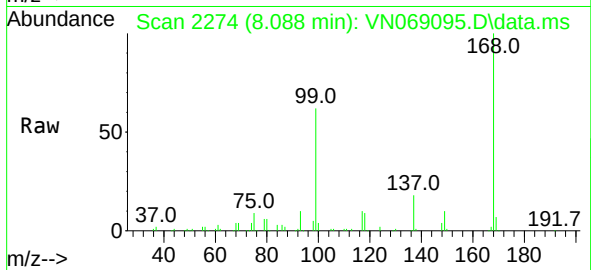




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

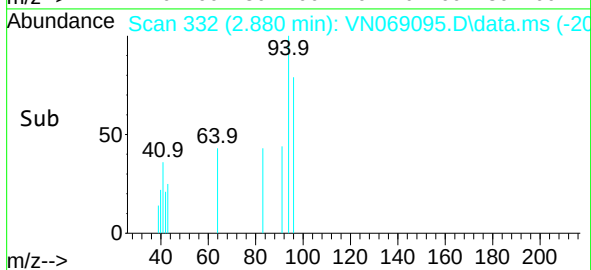
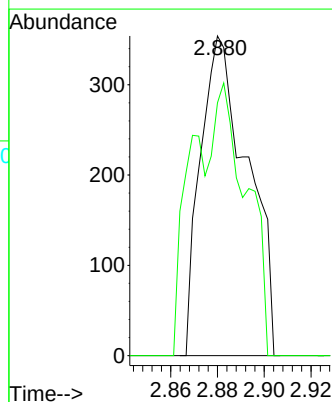
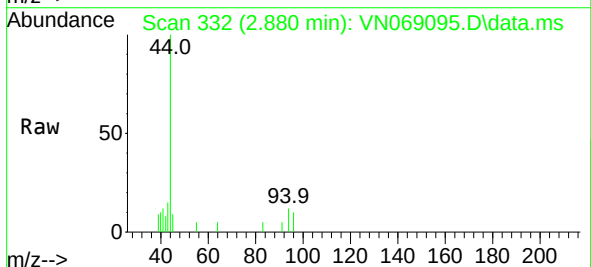
Instrument :
MSVOA_N
ClientSampled :

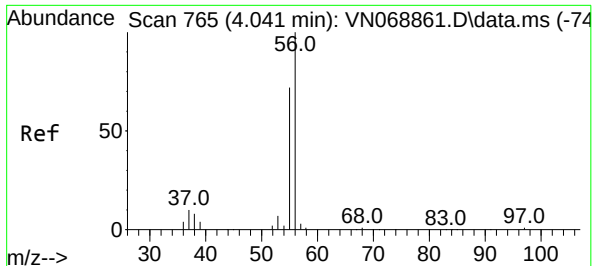
Tgt Ion:168 Resp: 316236
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#5
Bromomethane
Concen: 0.229 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

Tgt Ion: 94 Resp: 495
Ion Ratio Lower Upper
94 100
96 79.1 74.2 111.4

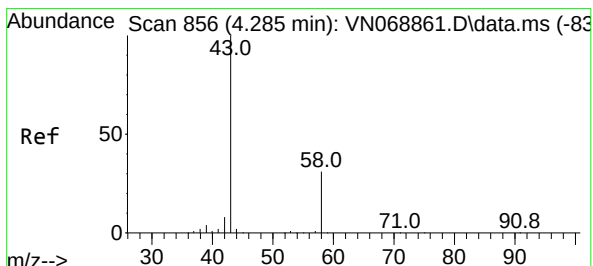
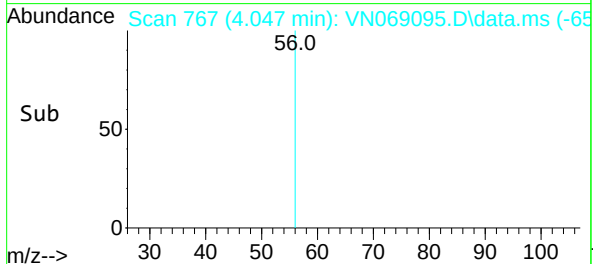
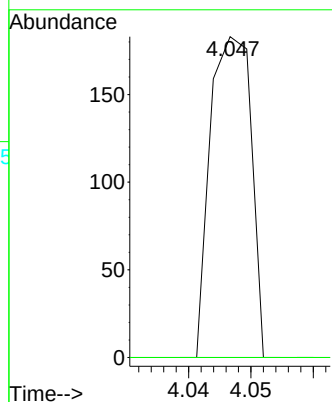
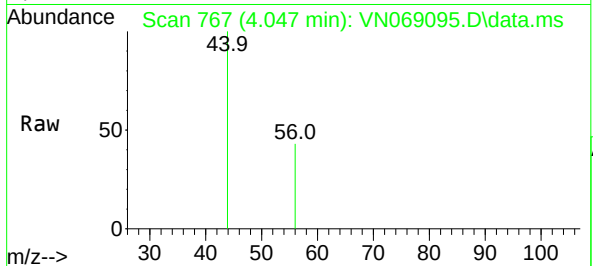




#13
Acrolein
Concen: 0.246 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

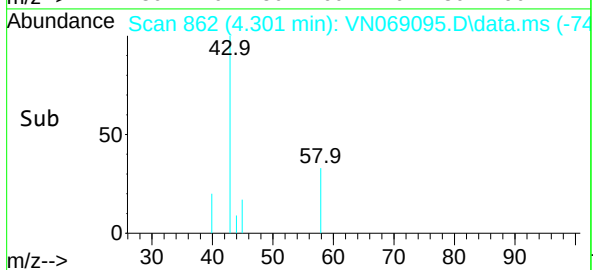
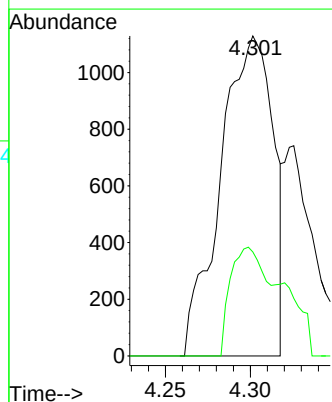
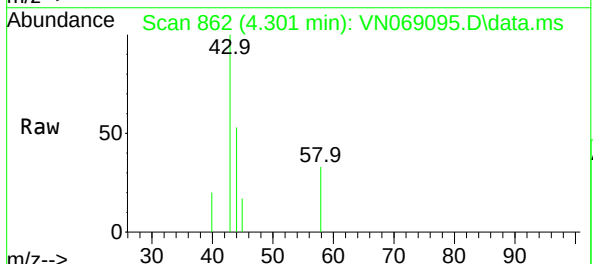
Instrument :
MSVOA_N
ClientSampled :

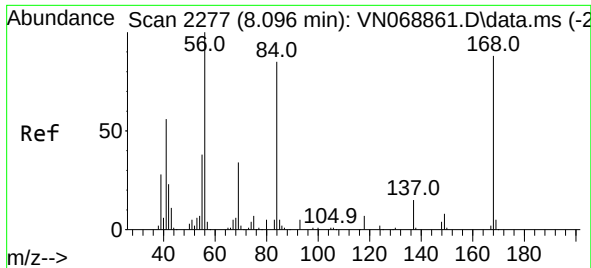
Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 0.0 58.1 87.1#



#16
Acetone
Concen: 1.561 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
58 32.5 24.5 36.7

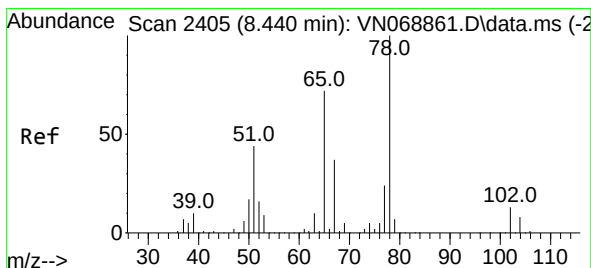
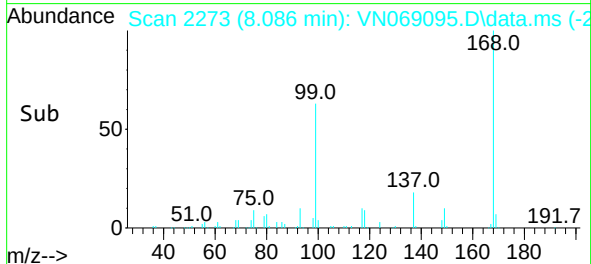
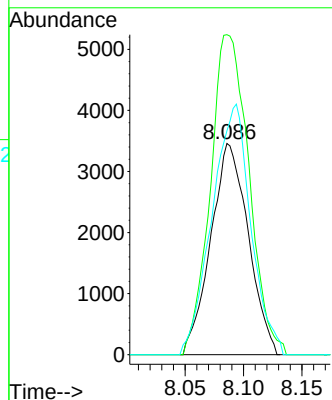
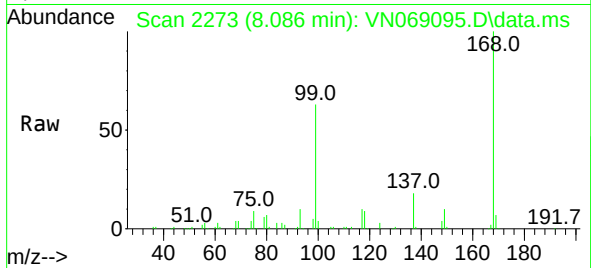




#31
Cyclohexane
Concen: 1.192 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

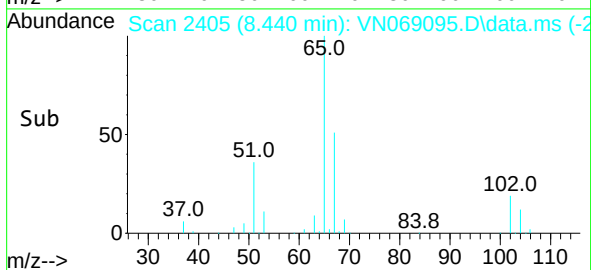
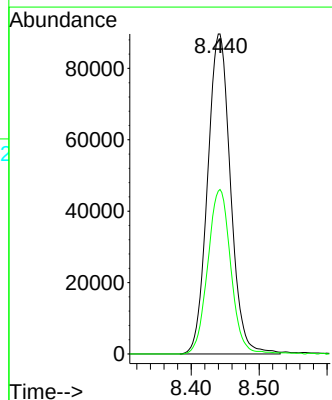
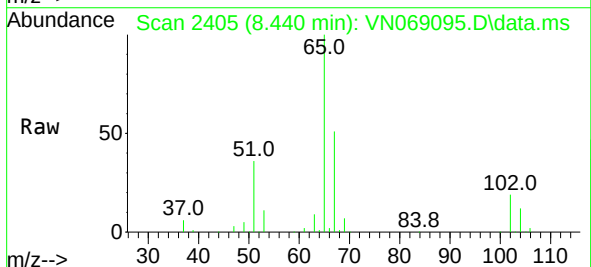
Instrument :
MSVOA_N
ClientSampled :

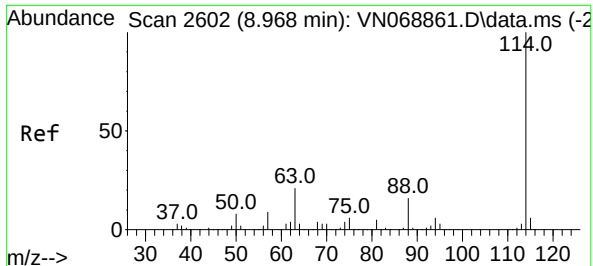
Tgt Ion: 56 Resp: 7725
Ion Ratio Lower Upper
56 100
69 151.5 26.9 40.3#
84 106.0 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.399 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

Tgt Ion: 65 Resp: 210137
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

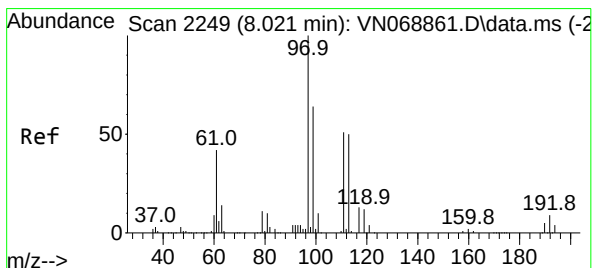
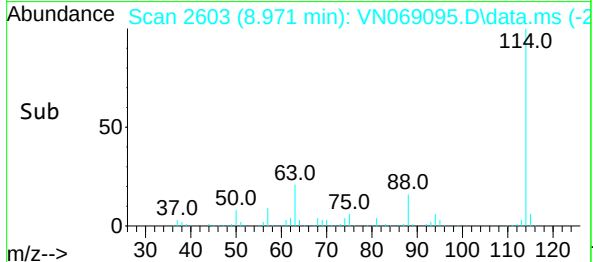
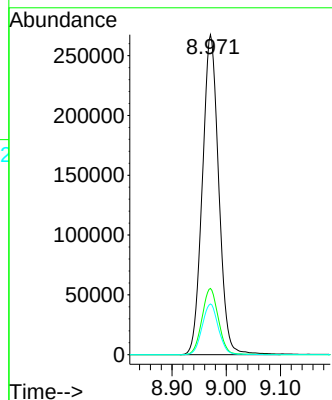
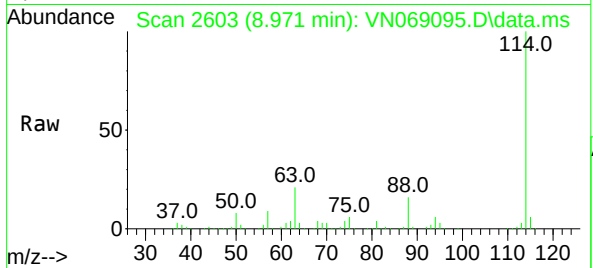




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

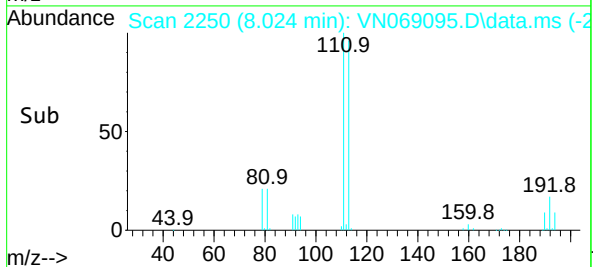
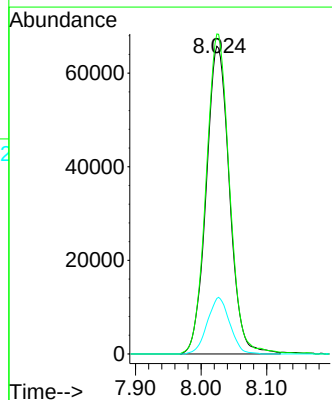
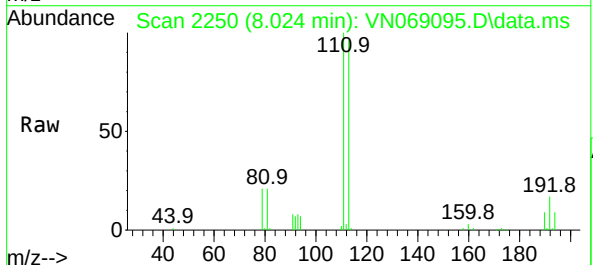
Instrument :
MSVOA_N
ClientSampled :

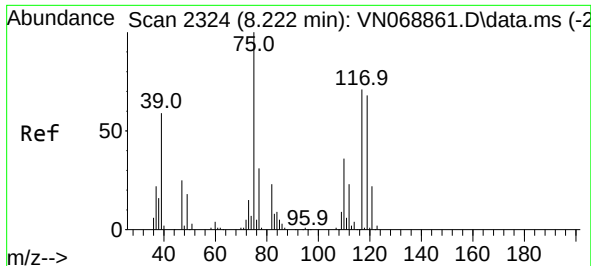
Tgt Ion:114 Resp: 561805
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.577 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

Tgt Ion:113 Resp: 162050
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.7 15.0 22.4

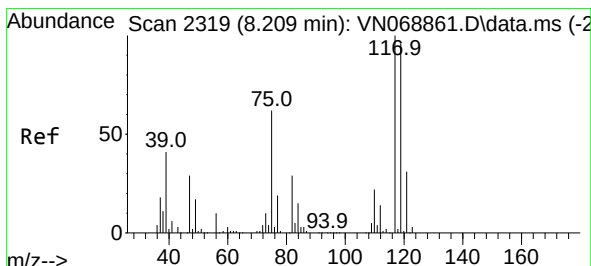
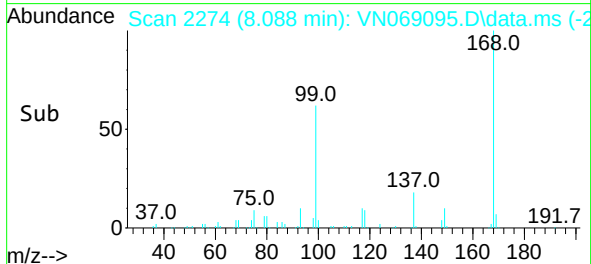
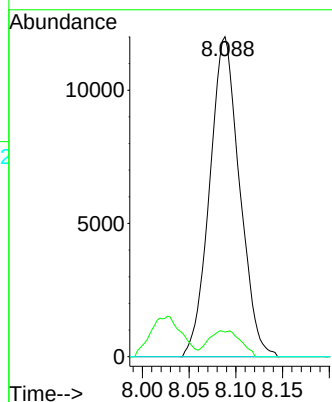
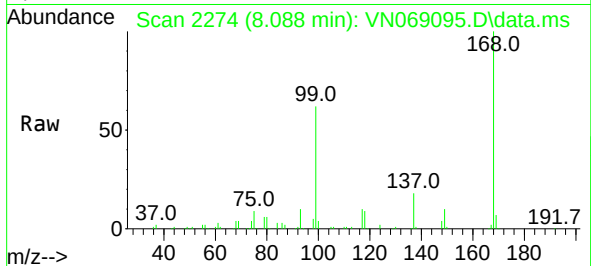




#36
 1,1-Dichloropropene
 Concen: 5.577 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN069095.D
 Acq: 21 Oct 2021 18:08

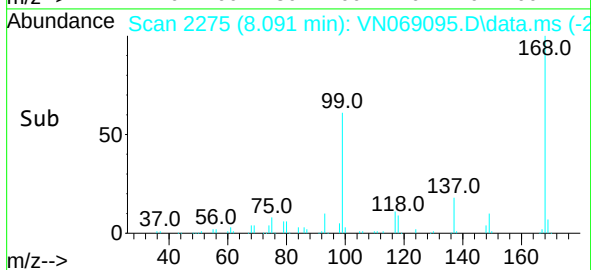
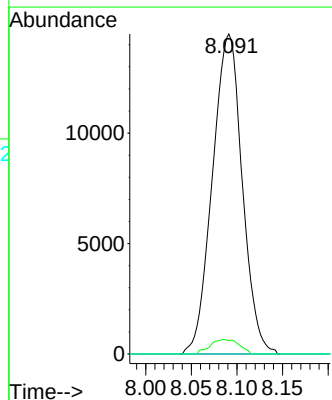
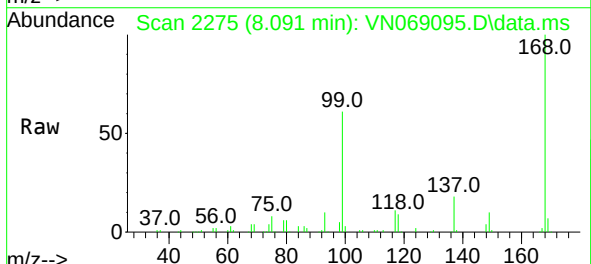
Instrument :
 MSVOA_N
 ClientSampled :

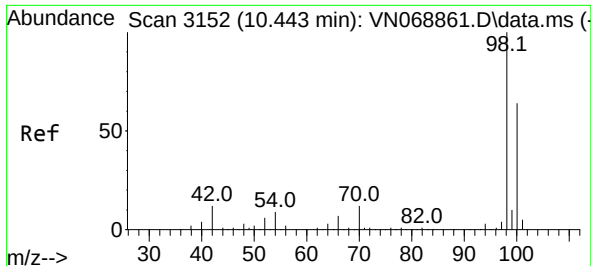
Tgt Ion: 75 Resp: 26763
 Ion Ratio Lower Upper
 75 100
 110 3.1 17.9 53.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.259 ug/l
 RT: 8.091 min Scan# 2275
 Delta R.T. -0.118 min
 Lab File: VN069095.D
 Acq: 21 Oct 2021 18:08

Tgt Ion: 117 Resp: 32985
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.9 115.3#
 121 0.0 24.6 37.0#

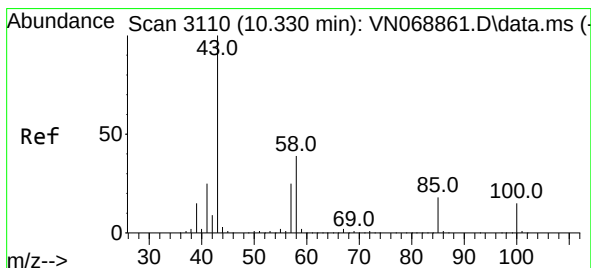
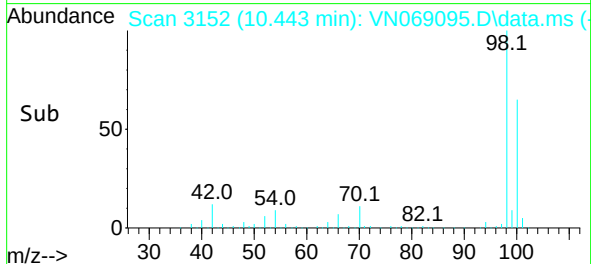
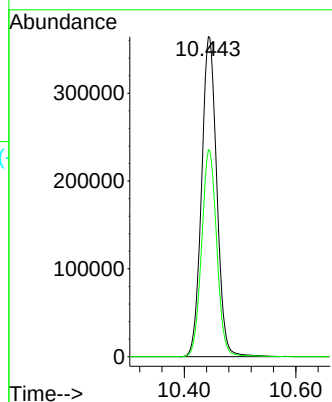
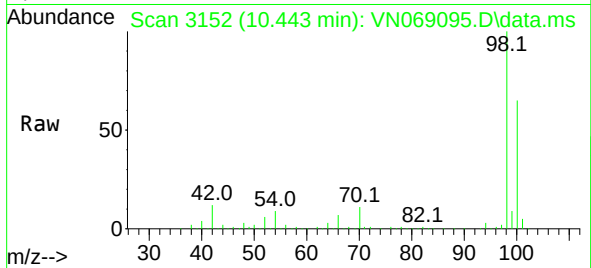




#50
Toluene-d8
Concen: 52.840 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

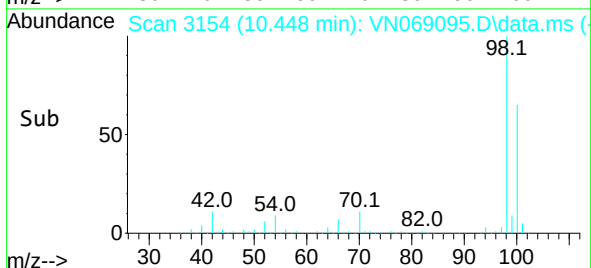
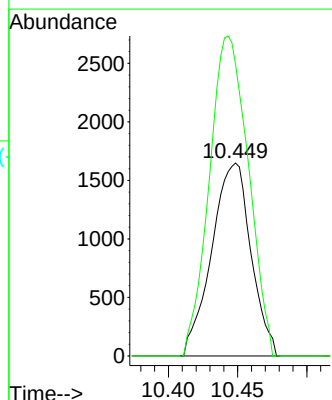
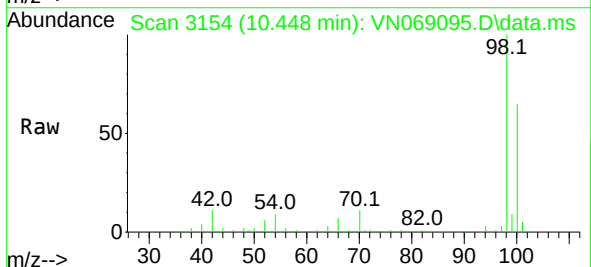
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MSVOA_N
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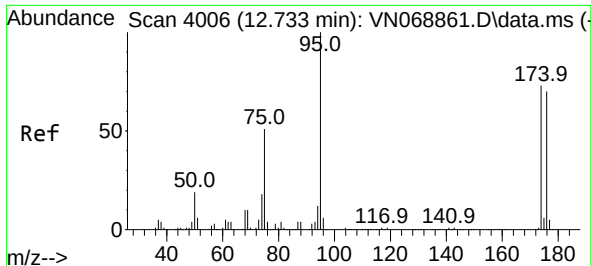
Tgt Ion: 98 Resp: 691056
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. 0.118 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
58 164.9 31.0 46.4#

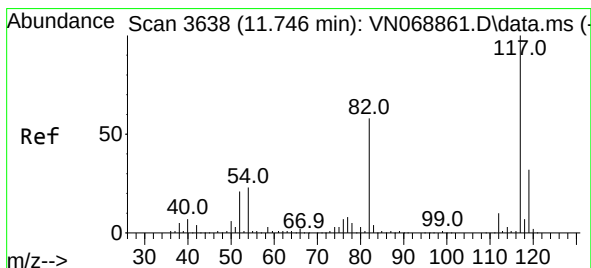
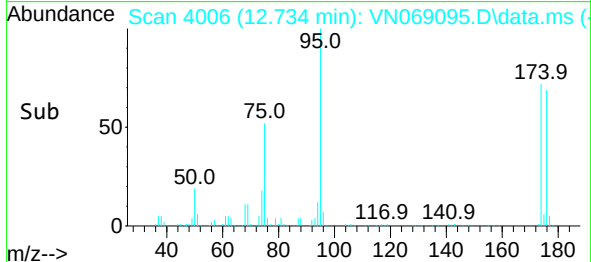
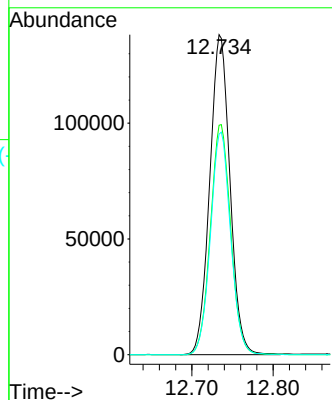
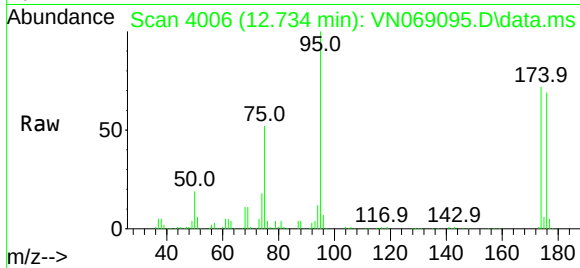




#62
4-Bromofluorobenzene
Concen: 48.431 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

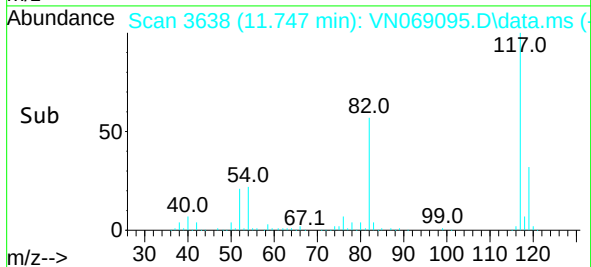
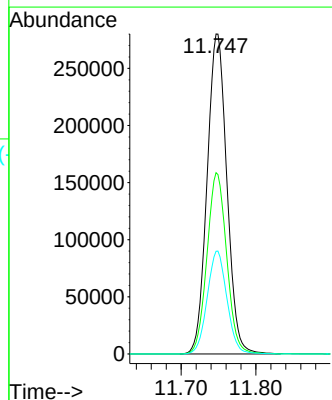
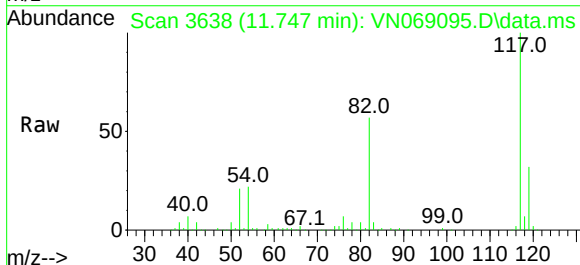
Instrument :
MSVOA_N
ClientSampled :

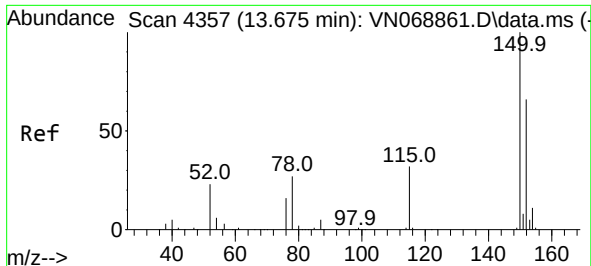
Tgt Ion: 95 Resp: 238971
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.8
176 69.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

Tgt Ion: 117 Resp: 514953
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 32.1 26.0 39.0

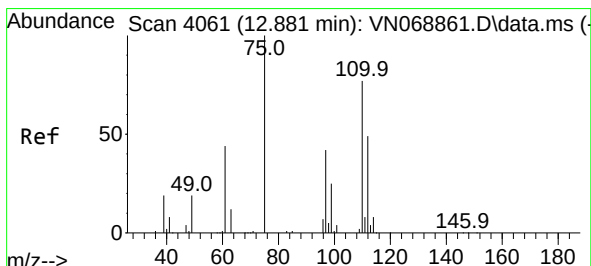
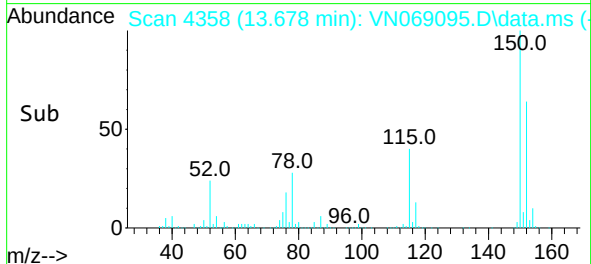
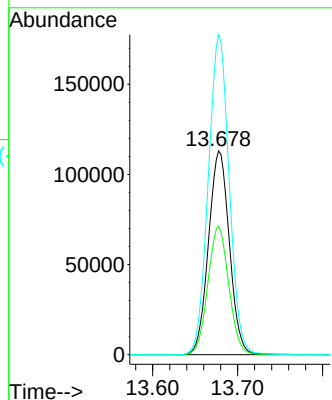
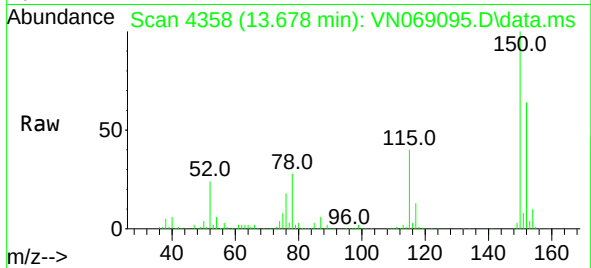




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

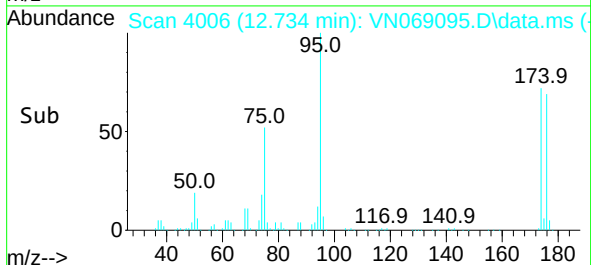
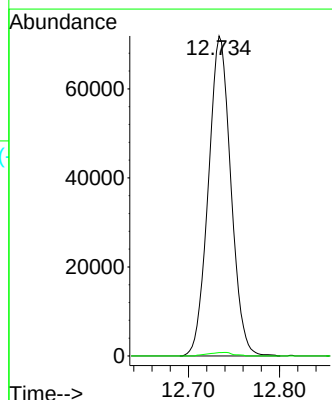
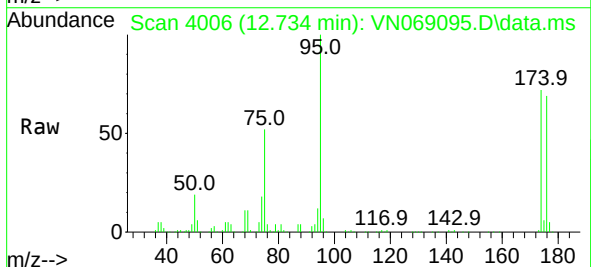
Instrument :
MSVOA_N
ClientSampled :

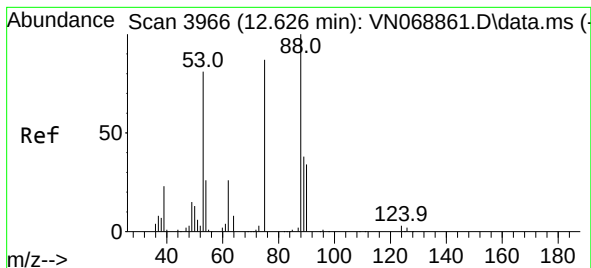
Tgt Ion:152 Resp: 193126
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 156.8 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 29.974 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

Tgt Ion: 75 Resp: 123167
Ion Ratio Lower Upper
75 100
77 1.2 96.2 288.4#

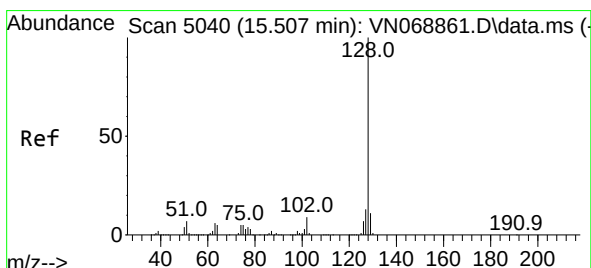
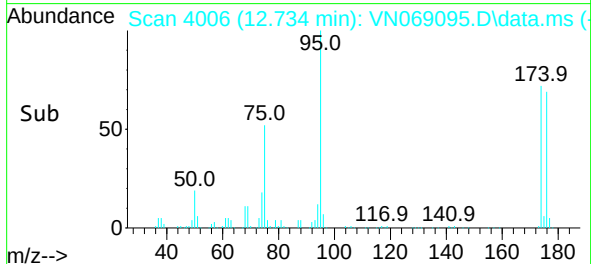
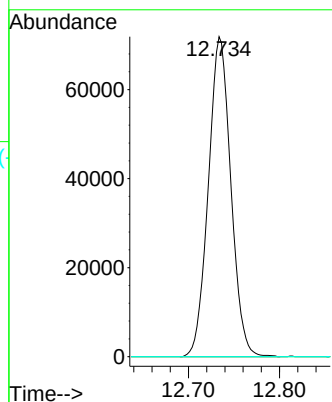
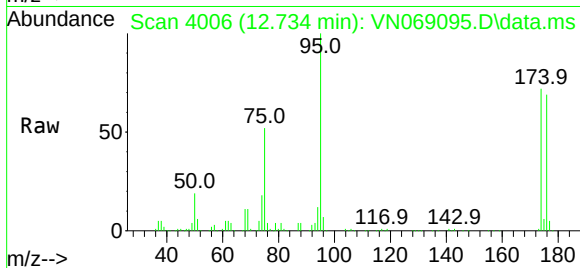




#81
trans-1,4-Dichloro-2-butene
Concen: 71.710 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 123167
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.898 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069095.D
Acq: 21 Oct 2021 18:08

Tgt Ion:128 Resp: 841
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

