

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069197.D
 Acq On : 26 Oct 2021 20:06
 Operator : JC/MD
 Sample : M4337-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:58:58 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	373184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	642025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	621111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	220826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	242868	49.360	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.720%
35) Dibromofluoromethane	8.024	113	188172	50.376	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.760%
50) Toluene-d8	10.443	98	800279	53.545	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.100%
62) 4-Bromofluorobenzene	12.733	95	281376	49.899	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.800%

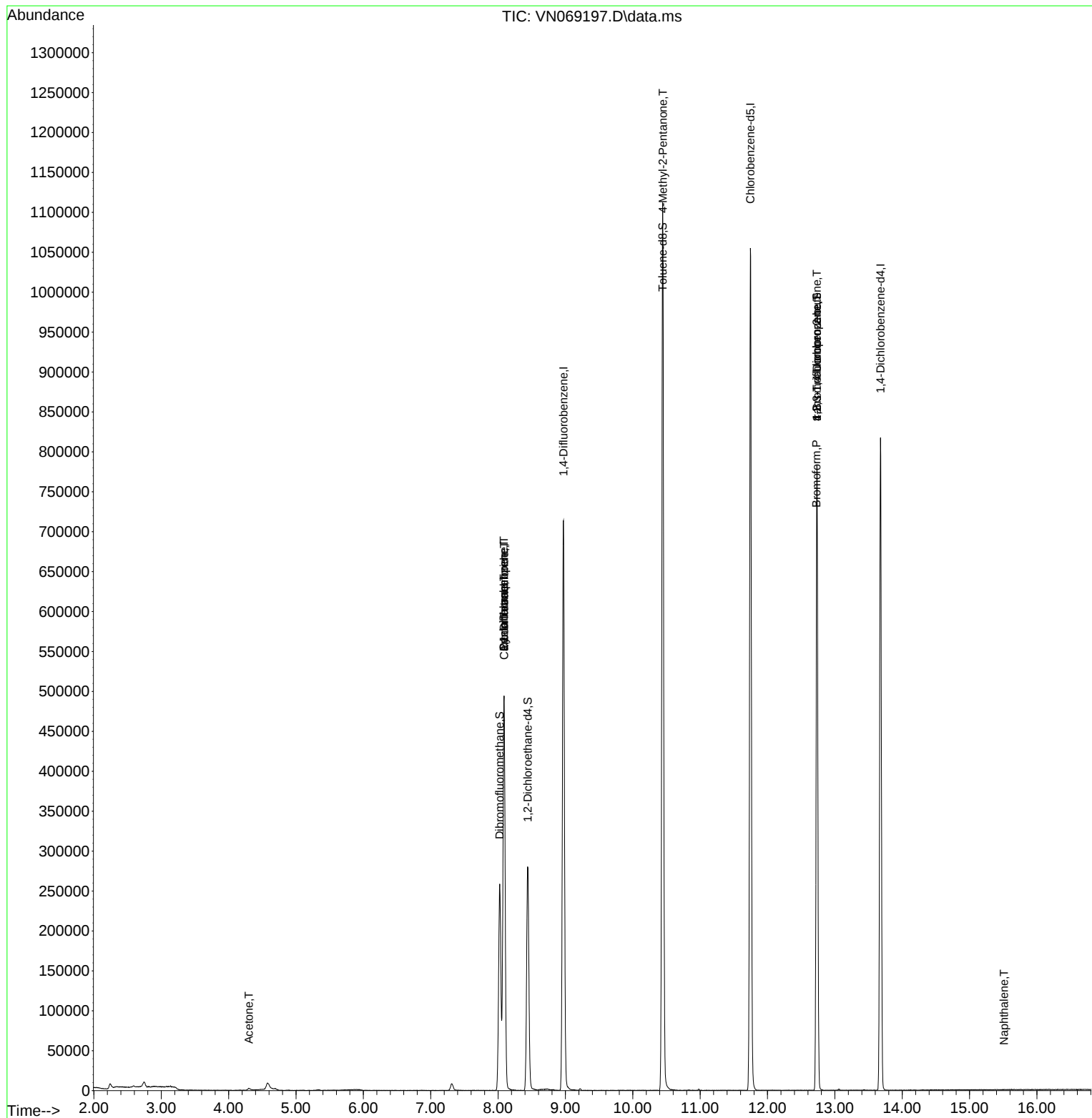
Target Compounds						Qvalue
16) Acetone	4.299	43	4127	2.248	ug/l	93
31) Cyclohexane	8.088	56	8638	1.129	ug/l #	9
36) 1,1-Dichloropropene	8.088	75	29196	5.324	ug/l #	43
38) Carbon Tetrachloride	8.091	117	38963	6.469	ug/l #	15
51) 4-Methyl-2-Pentanone	10.448	43	3622	0.625	ug/l #	1
71) Bromoform	12.728	173	795	0.216	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	147665	31.428	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	147665	75.189	ug/l #	12
95) Naphthalene	15.512	128	85	3.819	ug/l #	69

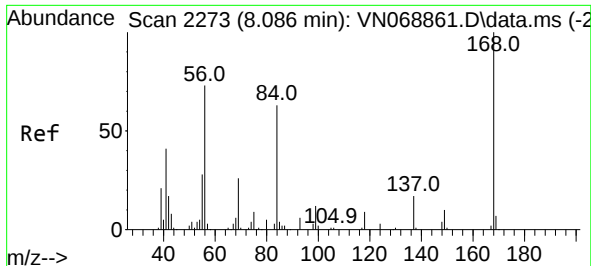
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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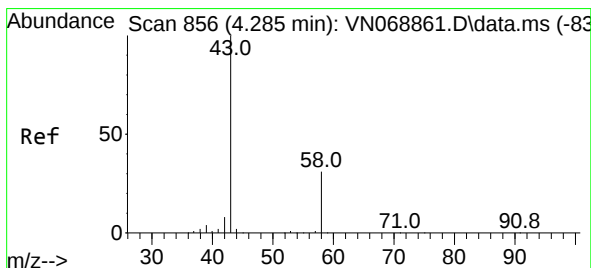
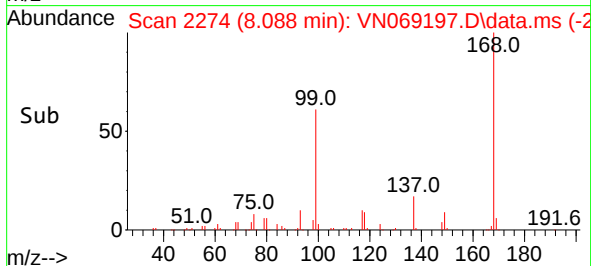
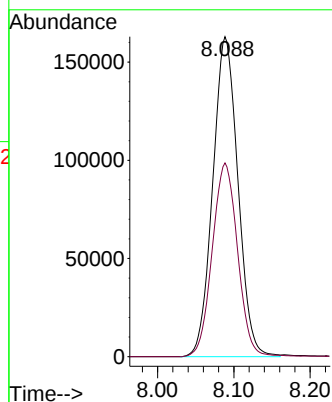
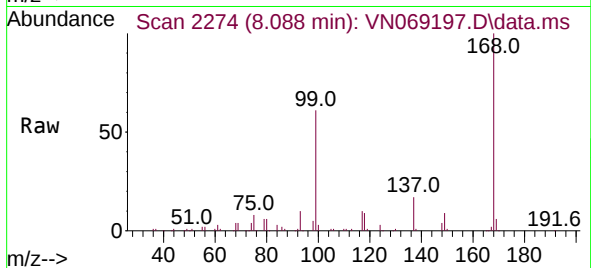




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

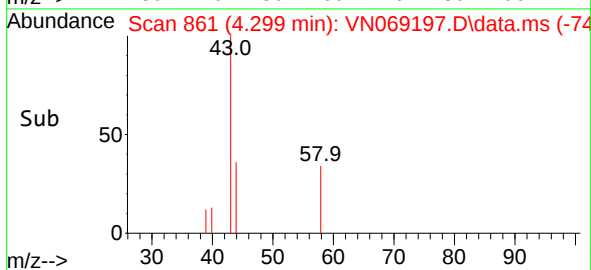
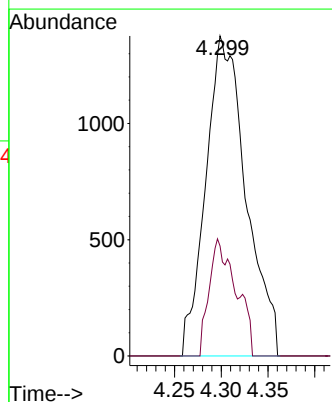
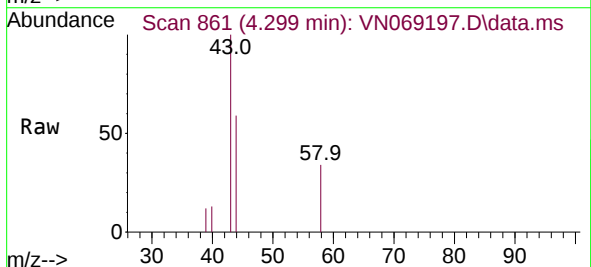
Instrument :
MSVOA_N
ClientSampled :

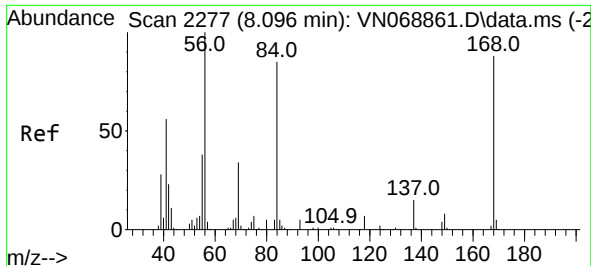
Tgt Ion:168 Resp: 373184
Ion Ratio Lower Upper
168 100
99 60.5 48.9 73.3



#16
Acetone
Concen: 2.248 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 43 Resp: 4127
Ion Ratio Lower Upper
43 100
58 34.4 24.5 36.7

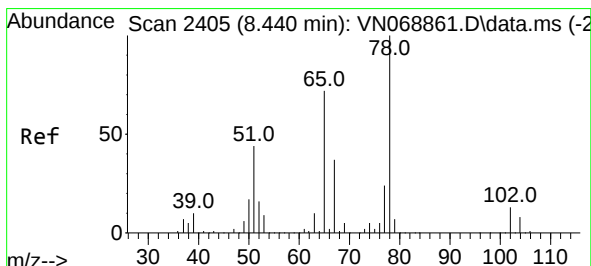
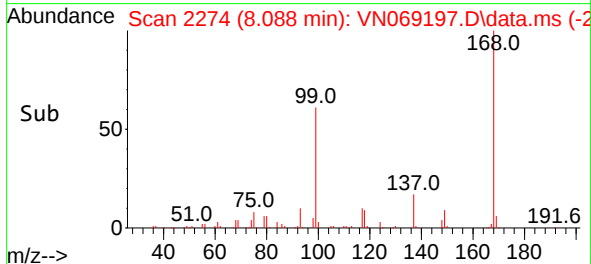
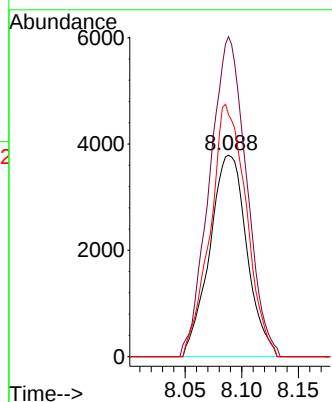
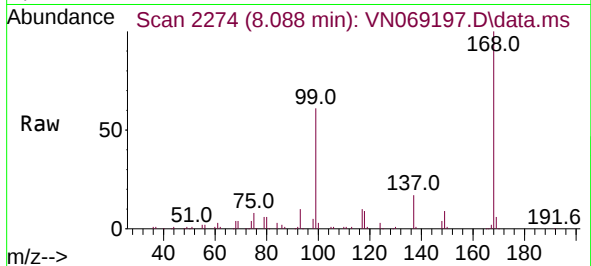




#31
Cyclohexane
Concen: 1.129 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

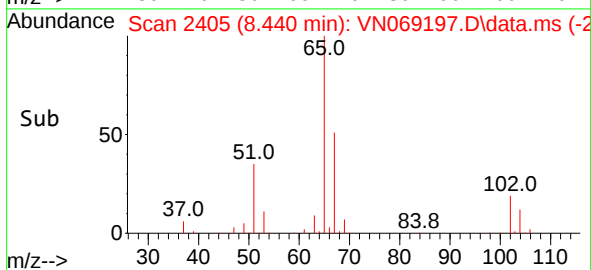
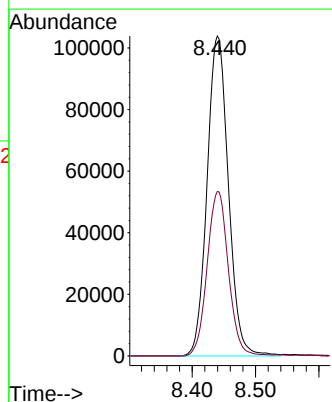
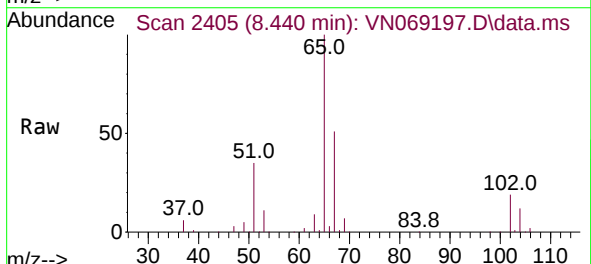
Instrument :
MSVOA_N
ClientSampleId :

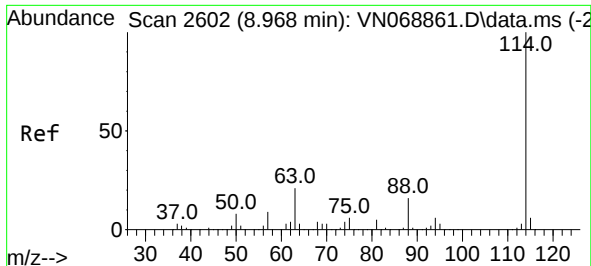
Tgt Ion: 56 Resp: 8638
Ion Ratio Lower Upper
56 100
69 158.9 26.9 40.3#
84 120.2 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.360 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 65 Resp: 242868
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8

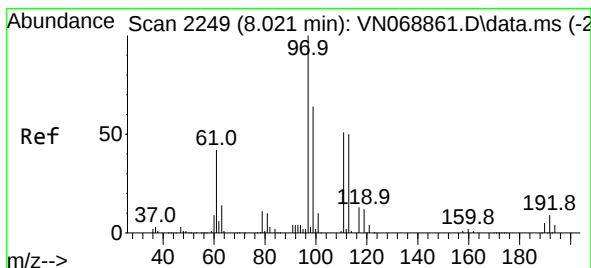
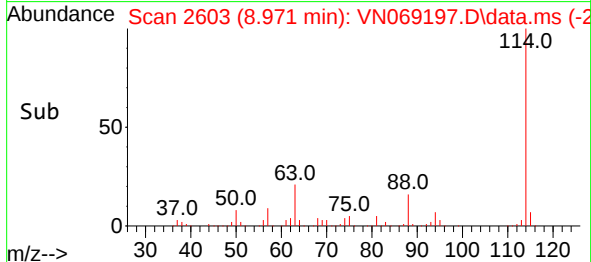
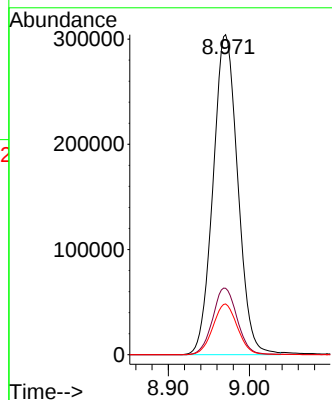
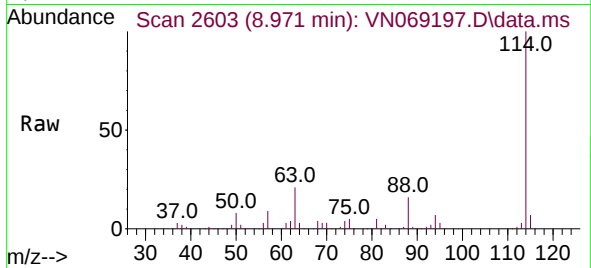




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

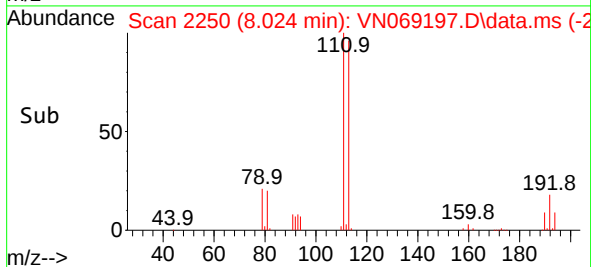
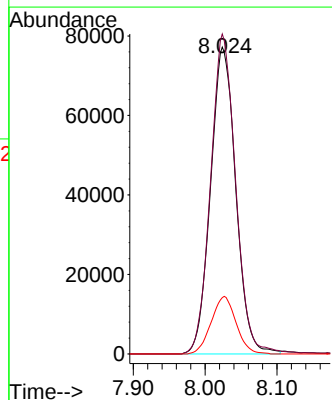
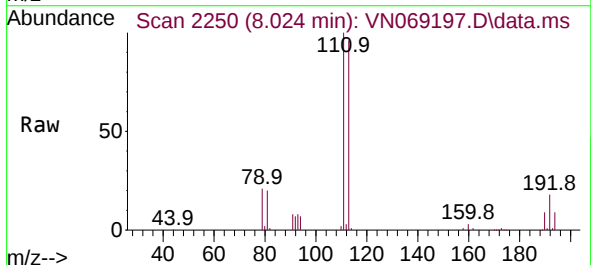
Instrument :
MSVOA_N
ClientSampled :

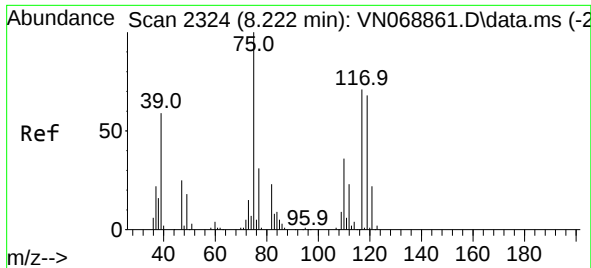
Tgt Ion:114 Resp: 642025
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.376 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

Tgt Ion:113 Resp: 188172
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 18.5 15.0 22.4

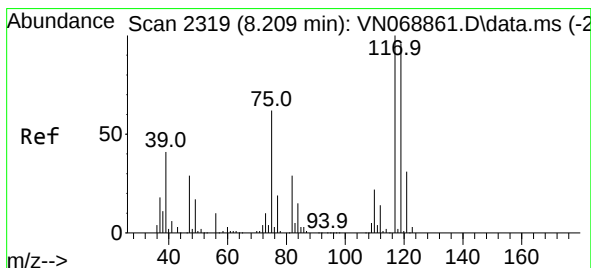
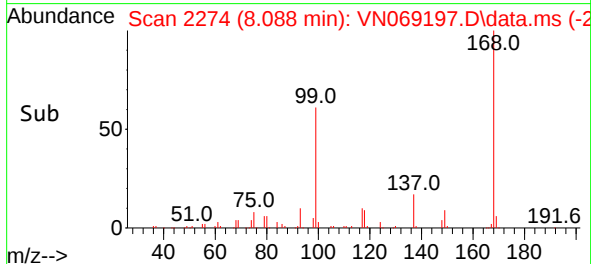
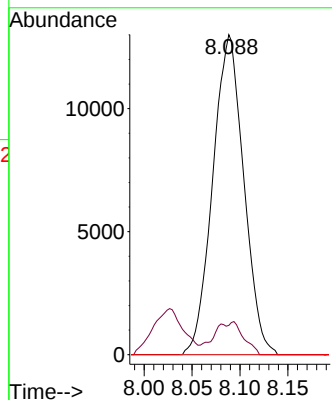
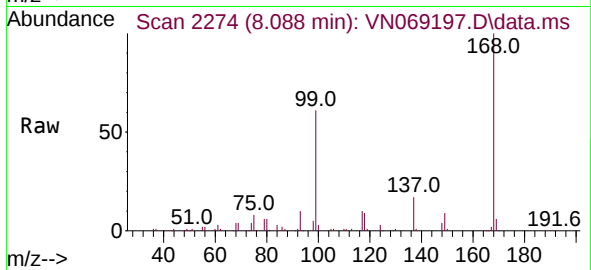




#36
 1,1-Dichloropropene
 Concen: 5.324 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN069197.D
 Acq: 26 Oct 2021 20:06

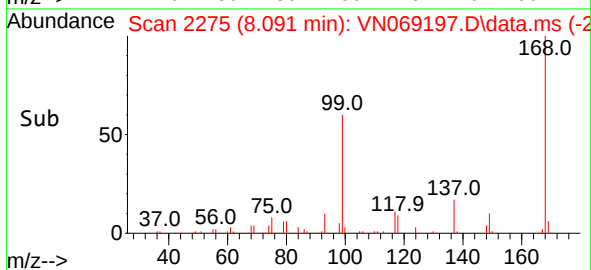
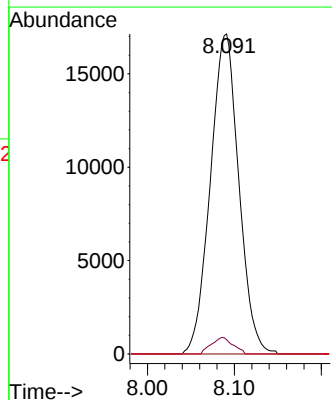
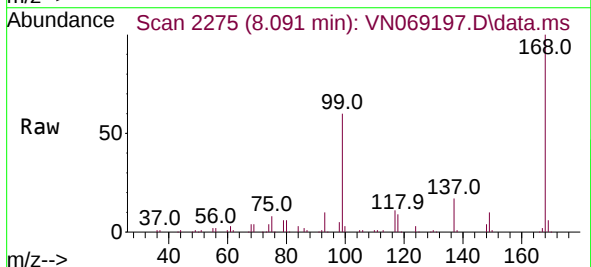
Instrument :
 MSVOA_N
 ClientSampled :

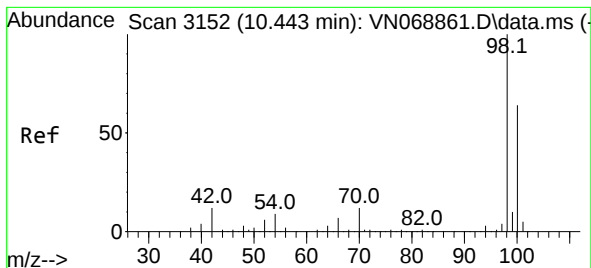
Tgt Ion: 75 Resp: 29196
 Ion Ratio Lower Upper
 75 100
 110 2.5 17.9 53.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.469 ug/l
 RT: 8.091 min Scan# 2275
 Delta R.T. -0.118 min
 Lab File: VN069197.D
 Acq: 26 Oct 2021 20:06

Tgt Ion: 117 Resp: 38963
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.9 115.3#
 121 0.0 24.6 37.0#

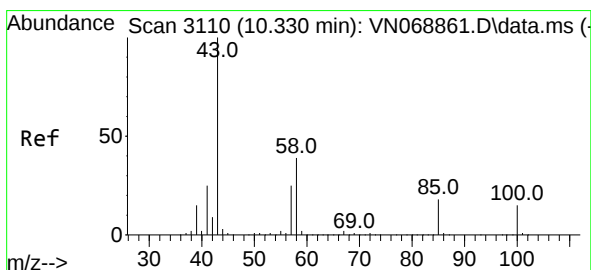
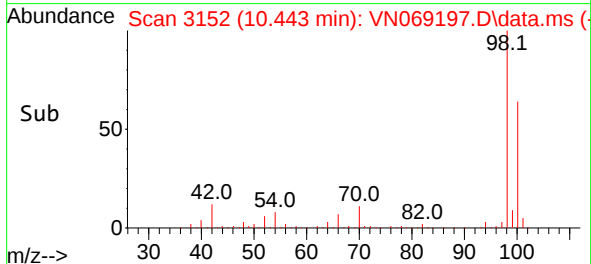
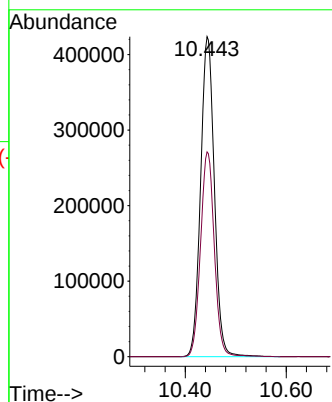
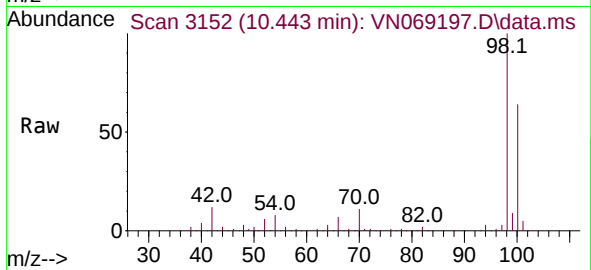




#50
Toluene-d8
Concen: 53.545 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

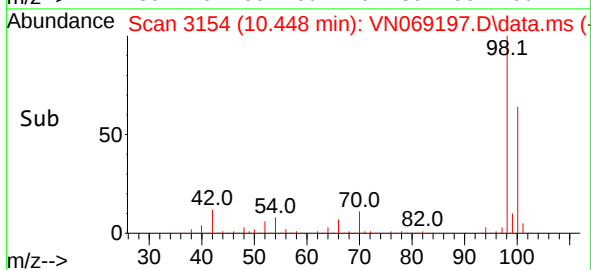
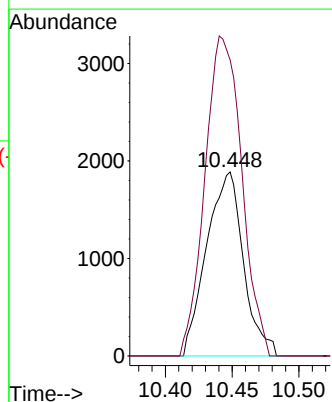
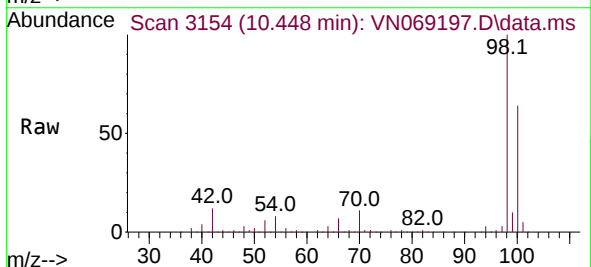
Instrument :
MSVOA_N
ClientSampled :

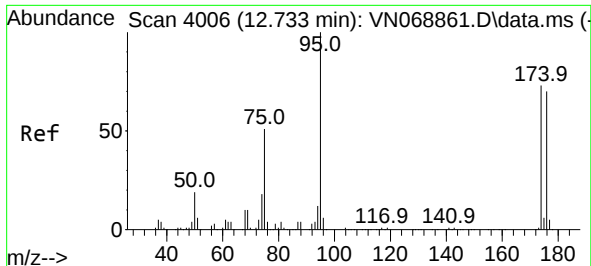
Tgt Ion: 98 Resp: 800279
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. 0.118 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 43 Resp: 3622
Ion Ratio Lower Upper
43 100
58 173.8 31.0 46.4#

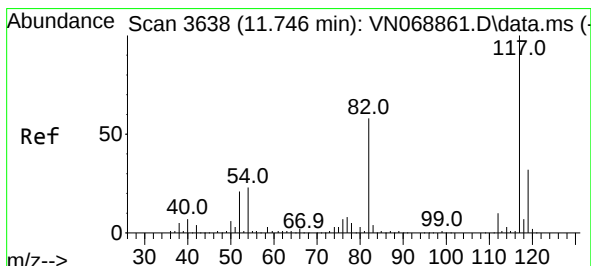
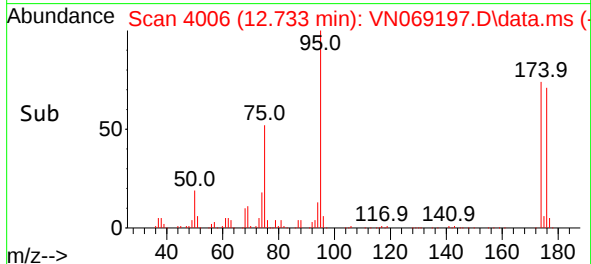
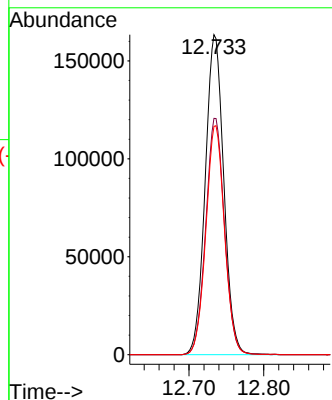
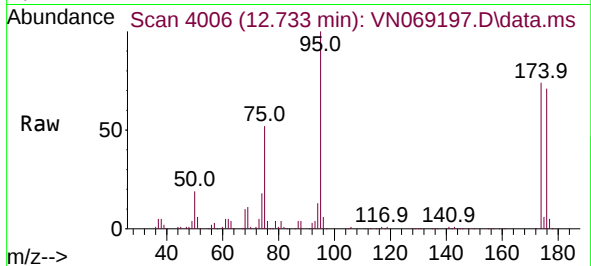




#62
4-Bromofluorobenzene
Concen: 49.899 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

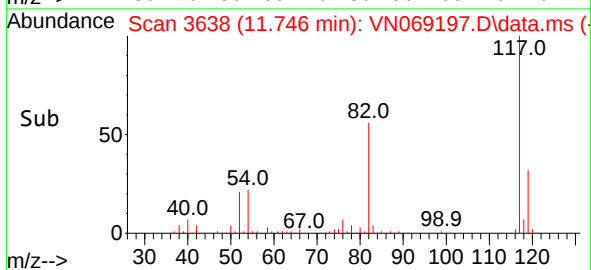
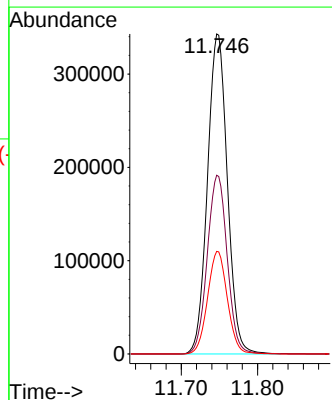
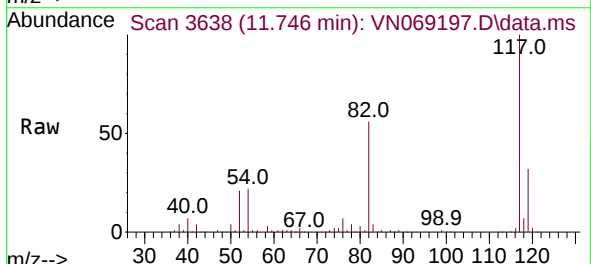
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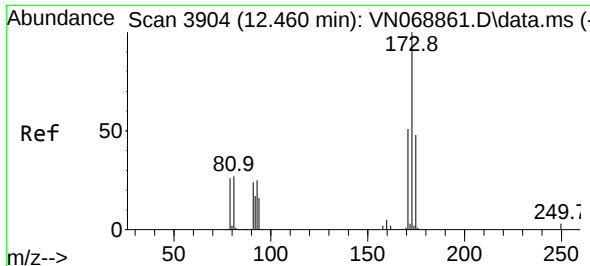
Tgt Ion: 95 Resp: 281376
Ion Ratio Lower Upper
95 100
174 74.8 0.0 144.8
176 72.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 117 Resp: 621111
Ion Ratio Lower Upper
117 100
82 55.9 46.4 69.6
119 32.1 26.0 39.0

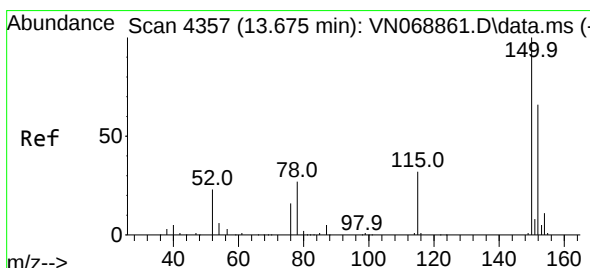
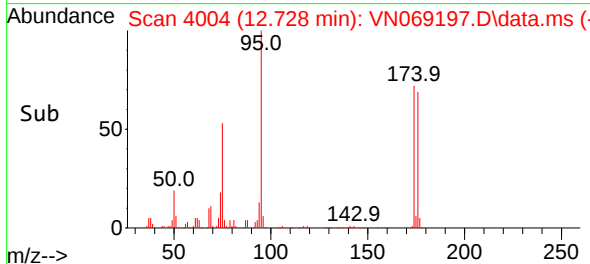
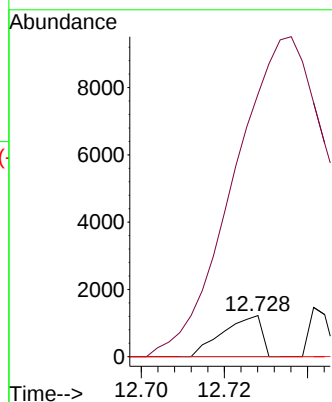
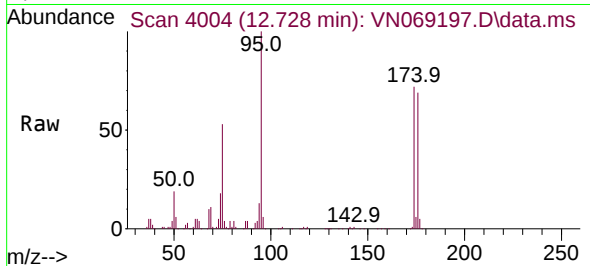




#71
Bromoform
Concen: 0.216 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

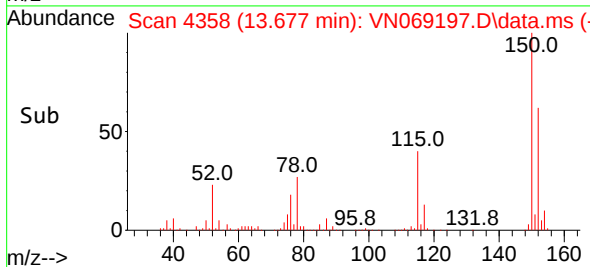
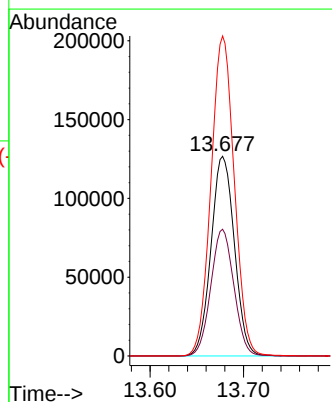
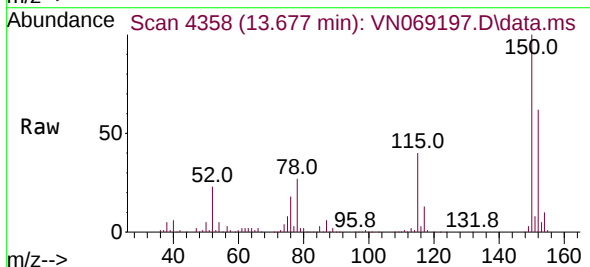
Instrument :
MSVOA_N
ClientSampleId :

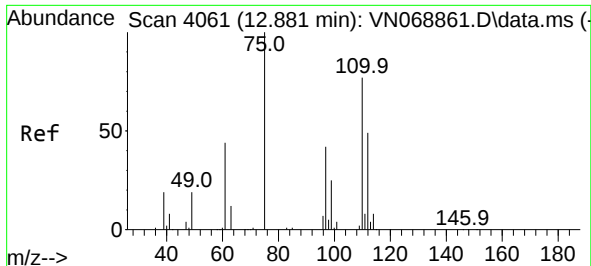
Tgt Ion:173 Resp: 795
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

Tgt Ion:152 Resp: 220826
Ion Ratio Lower Upper
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115 62.5 31.4 94.3
150 159.4 0.0 351.0

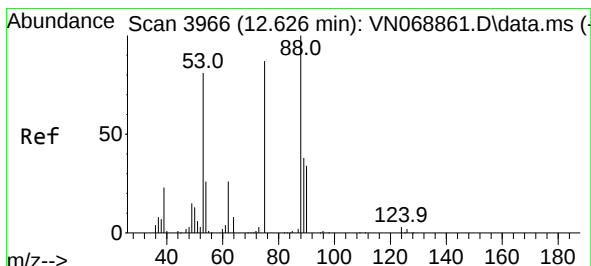
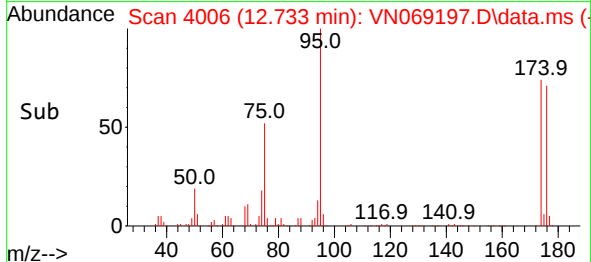
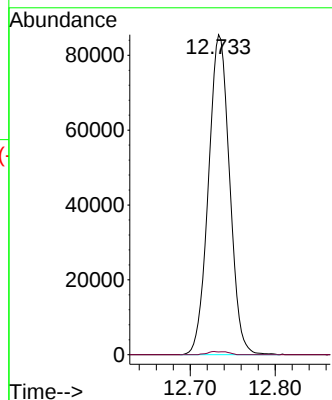
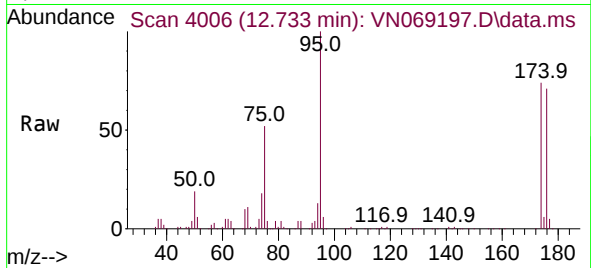




#76
1,2,3-Trichloropropane
Concen: 31.428 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

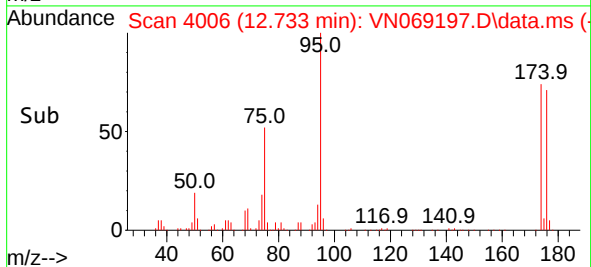
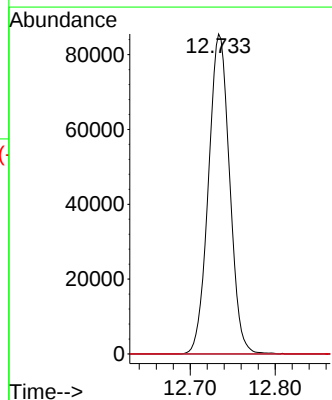
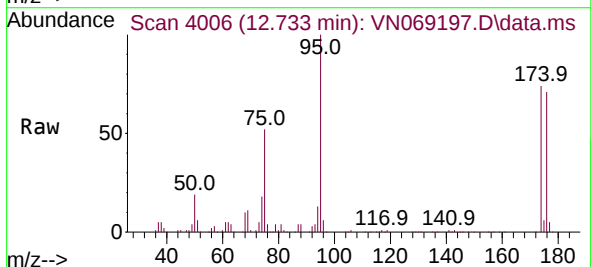
Instrument :
MSVOA_N
ClientSampled :

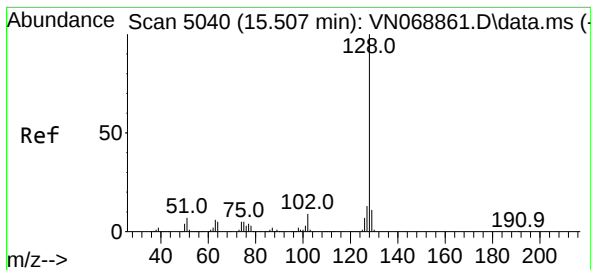
Tgt Ion: 75 Resp: 147665
Ion Ratio Lower Upper
75 100
77 0.5 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.189 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

Tgt Ion: 75 Resp: 147665
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.819 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069197.D
Acq: 26 Oct 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 85
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

