

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069194.D
 Acq On : 26 Oct 2021 18:51
 Operator : JC/MD
 Sample : M4337-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:58:03 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)

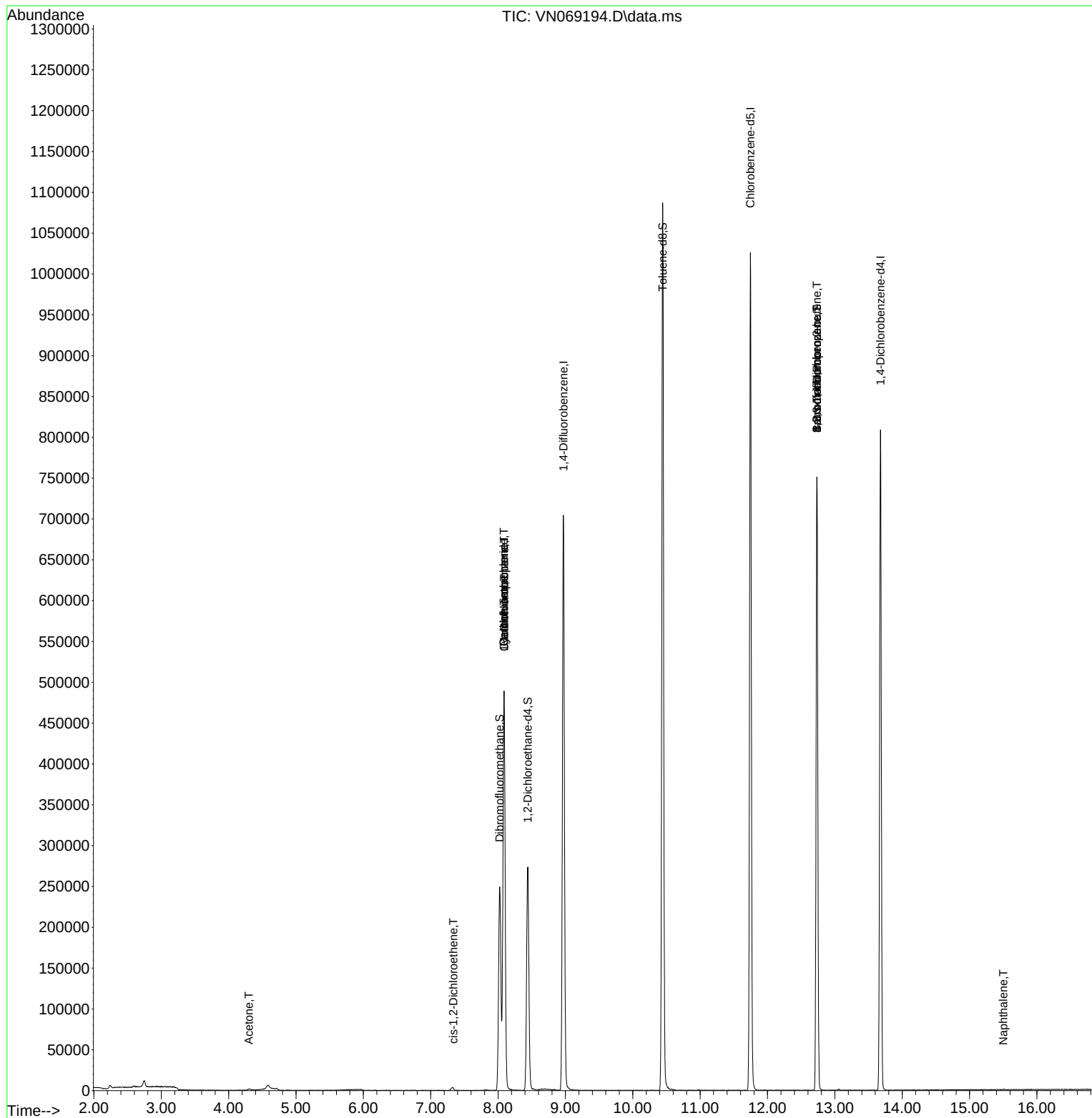
Internal Standards						
1) Pentafluorobenzene	8.088	168	370778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	632528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	601583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	216108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	237589	48.601	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.200%
35) Dibromofluoromethane	8.024	113	183805	49.946	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.900%
50) Toluene-d8	10.443	98	784022	53.245	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.733	95	268370	48.307	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.620%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	3085	1.691	ug/l	99
27) cis-1,2-Dichloroethene	7.335	96	1119	0.239	ug/l	46
31) Cyclohexane	8.091	56	8815	1.160	ug/l #	14
36) 1,1-Dichloropropene	8.091	75	29726	5.502	ug/l #	50
38) Carbon Tetrachloride	8.088	117	38743	6.529	ug/l #	16
71) Bromoform	12.733	173	726	0.203	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	143766	31.266	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	143766	74.802	ug/l #	12
95) Naphthalene	15.501	128	269	3.836	ug/l #	69

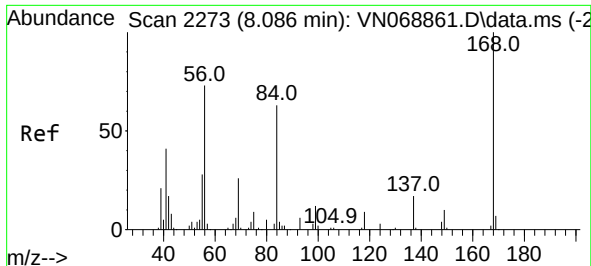
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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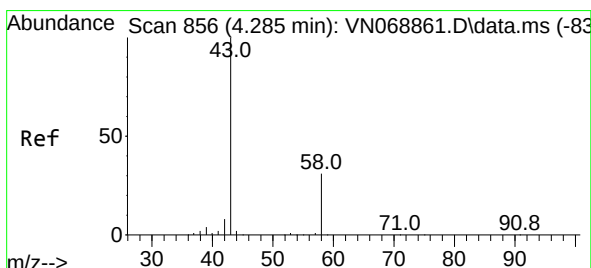
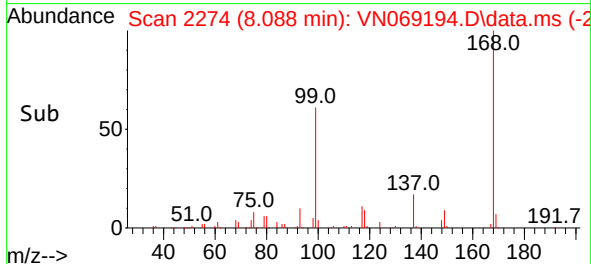
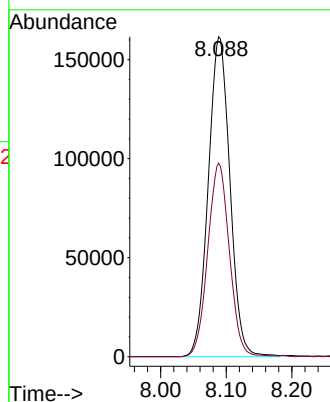
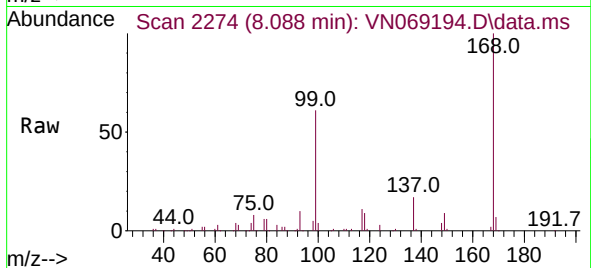




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

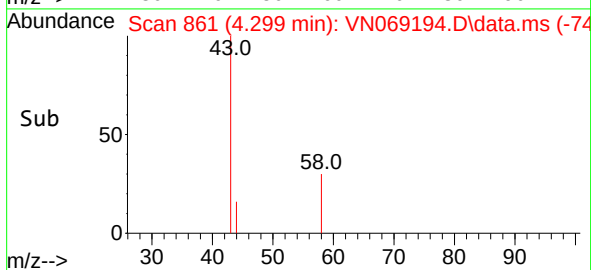
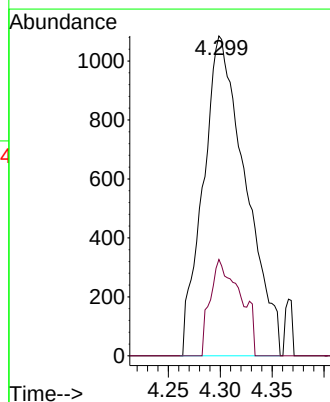
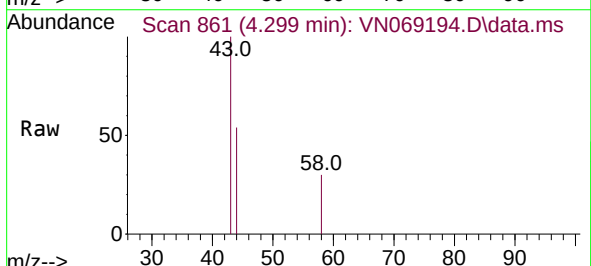
Instrument :
MSVOA_N
ClientSampled :

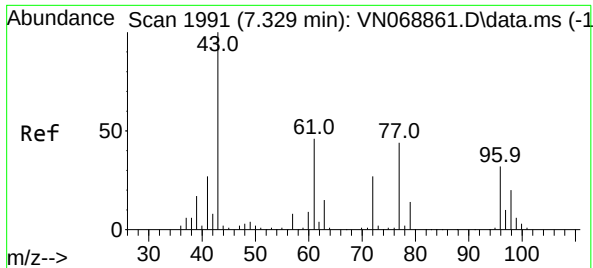
Tgt Ion:168 Resp: 370778
Ion Ratio Lower Upper
168 100
99 60.5 48.9 73.3



#16
Acetone
Concen: 1.691 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

Tgt Ion: 43 Resp: 3085
Ion Ratio Lower Upper
43 100
58 30.1 24.5 36.7

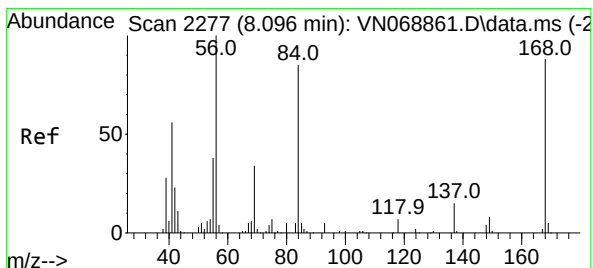
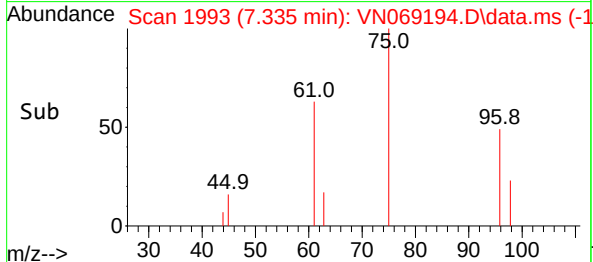
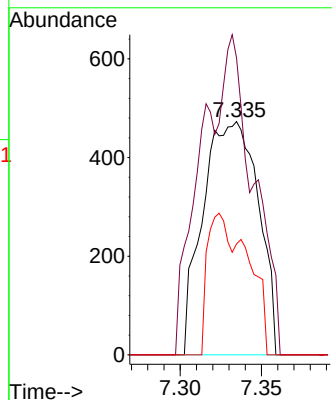
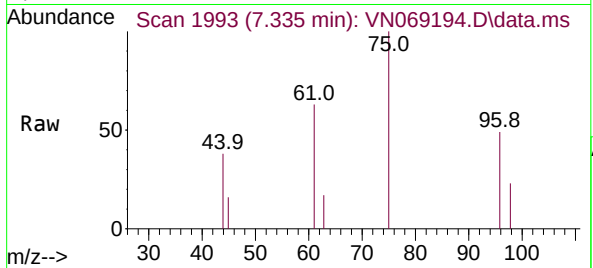




#27
 cis-1,2-Dichloroethene
 Concen: 0.239 ug/l
 RT: 7.335 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN069194.D
 Acq: 26 Oct 2021 18:51

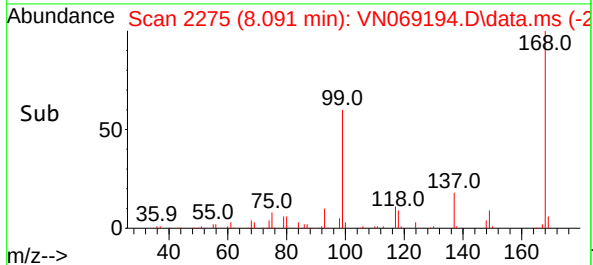
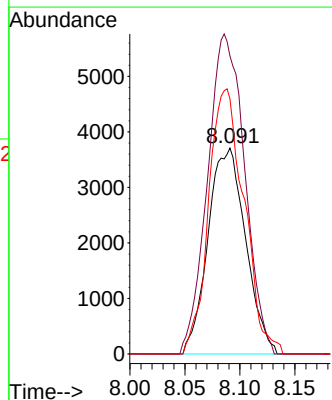
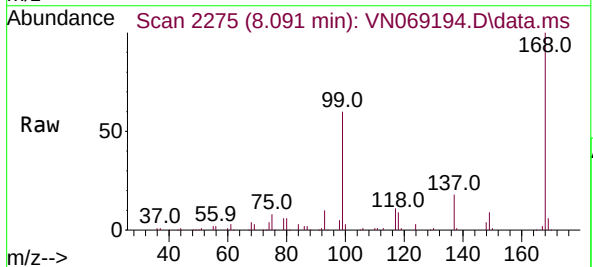
Instrument :
 MSVOA_N
 ClientSampled :

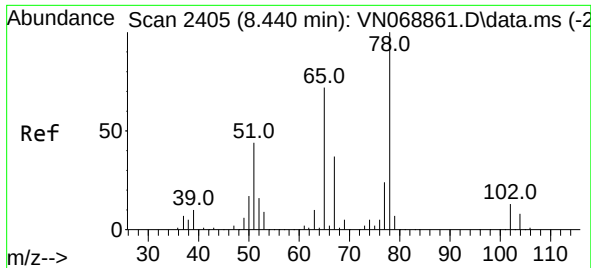
Tgt Ion: 96 Resp: 1119
 Ion Ratio Lower Upper
 96 100
 61 75.6 0.0 290.6
 98 25.0 0.0 127.2



#31
 Cyclohexane
 Concen: 1.160 ug/l
 RT: 8.091 min Scan# 2275
 Delta R.T. -0.005 min
 Lab File: VN069194.D
 Acq: 26 Oct 2021 18:51

Tgt Ion: 56 Resp: 8815
 Ion Ratio Lower Upper
 56 100
 69 144.7 26.9 40.3#
 84 123.9 67.6 101.4#

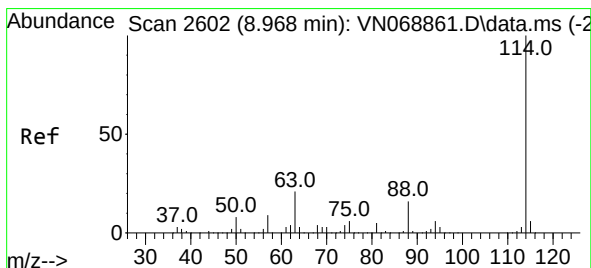
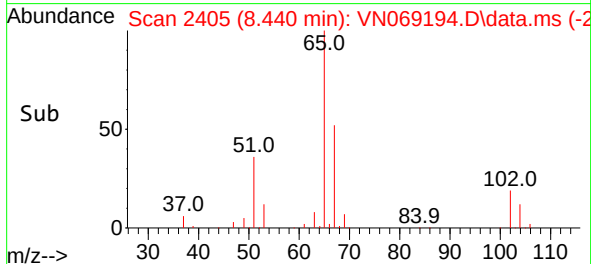
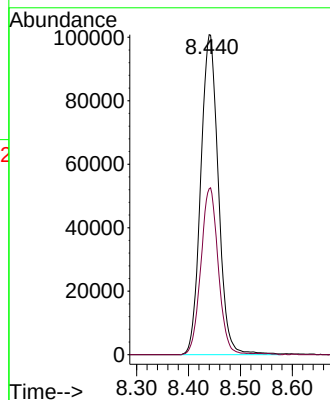
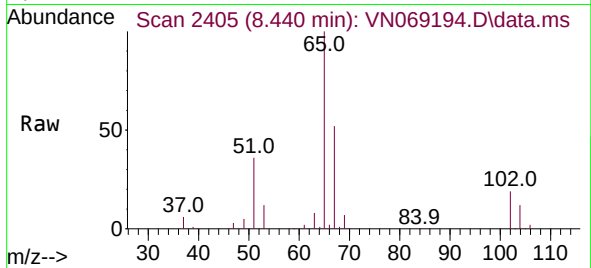




#33
1,2-Dichloroethane-d4
Concen: 48.601 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

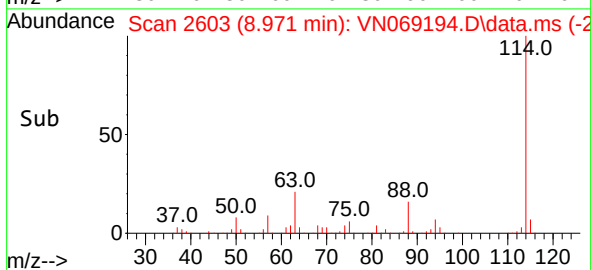
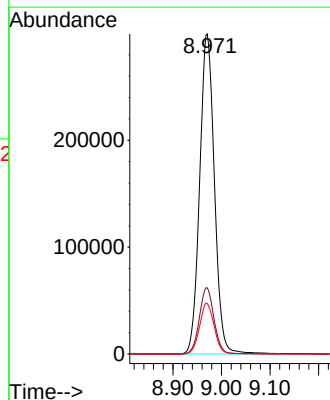
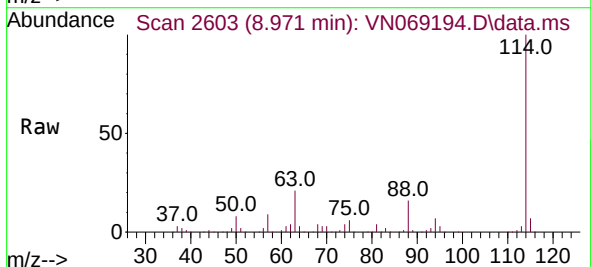
Instrument :
MSVOA_N
ClientSampled :

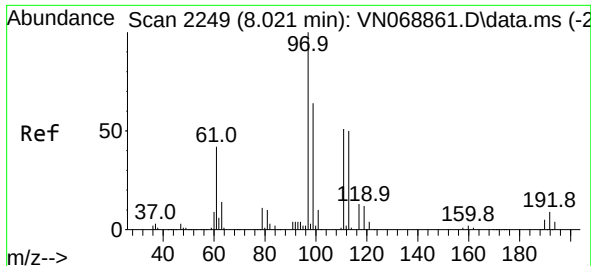
Tgt Ion: 65 Resp: 237589
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

Tgt Ion: 114 Resp: 632528
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.7 0.0 32.0

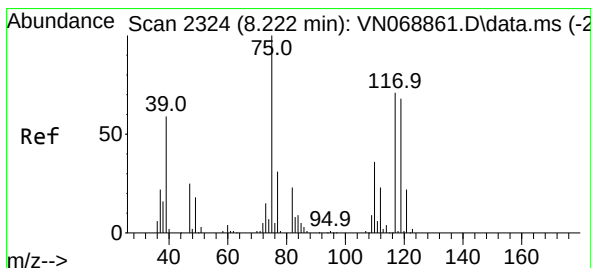
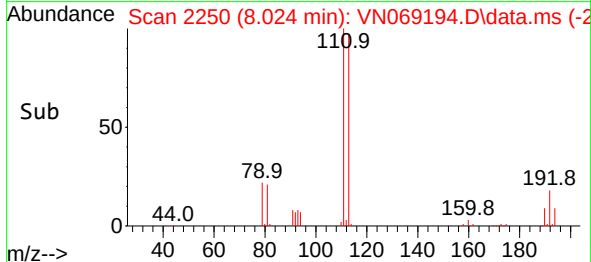
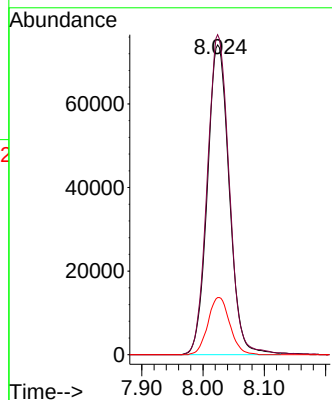
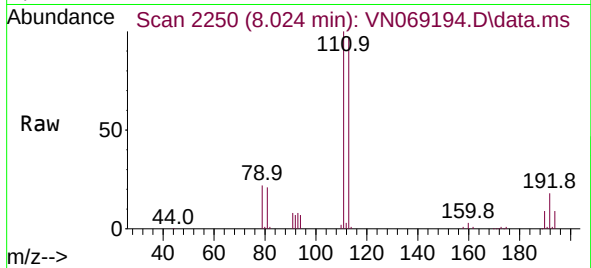




#35
Dibromofluoromethane
Concen: 49.946 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

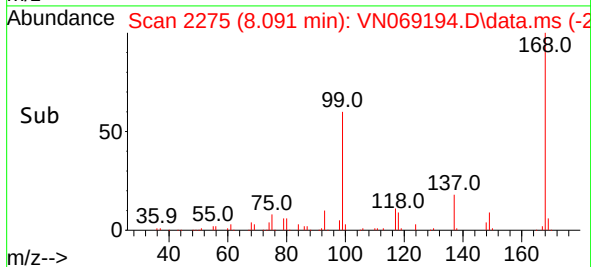
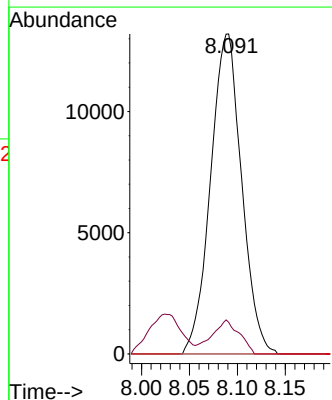
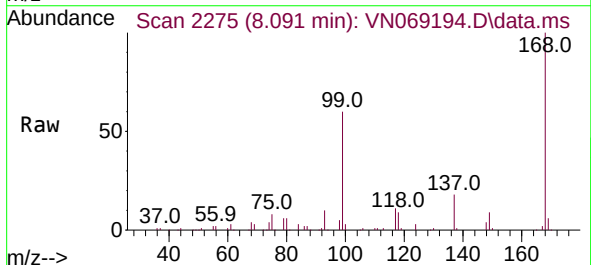
Instrument :
MSVOA_N
ClientSampled :

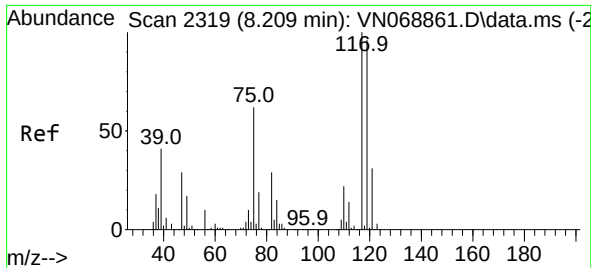
Tgt Ion:113 Resp: 183805
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 18.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.502 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

Tgt Ion: 75 Resp: 29726
Ion Ratio Lower Upper
75 100
110 9.4 17.9 53.8#
77 0.0 24.7 37.1#

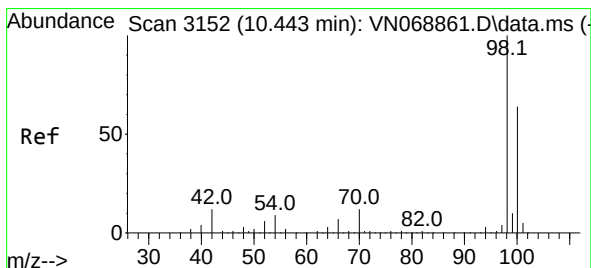
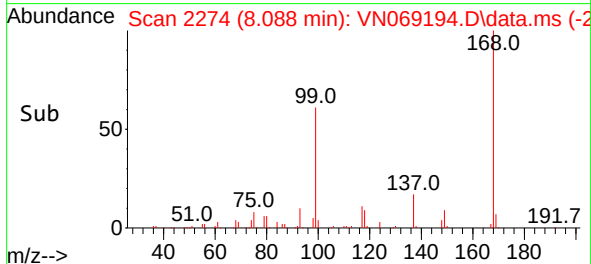
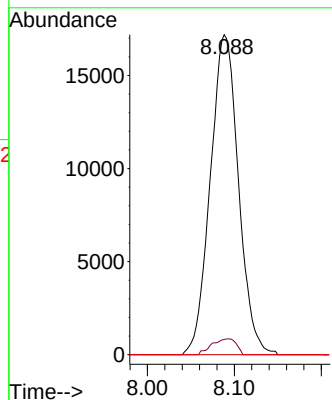
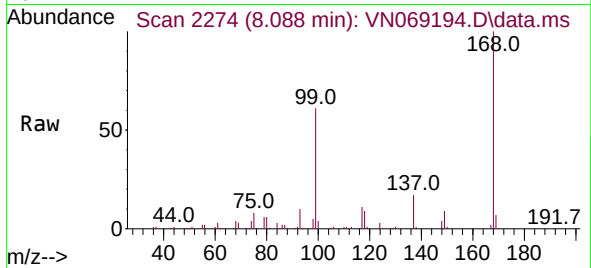




#38
Carbon Tetrachloride
Concen: 6.529 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

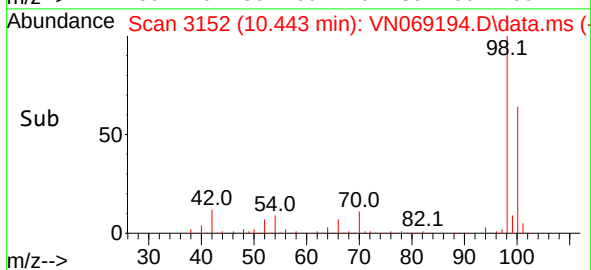
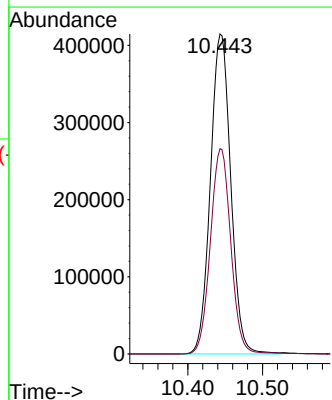
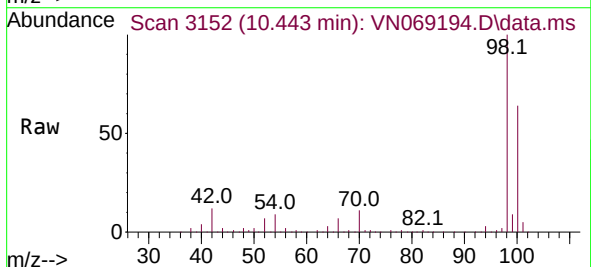
Instrument :
MSVOA_N
ClientSampled :

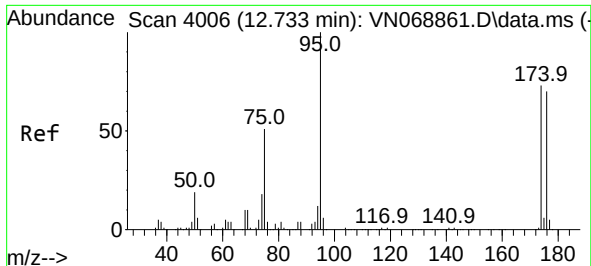
Tgt Ion:117 Resp: 38743
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 53.245 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

Tgt Ion: 98 Resp: 784022
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3

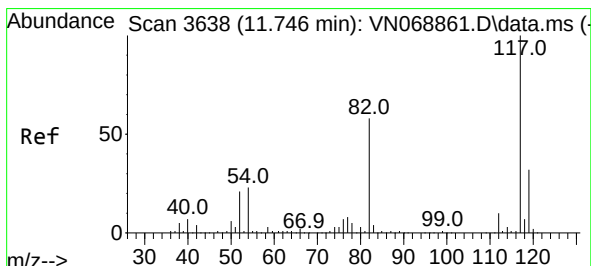
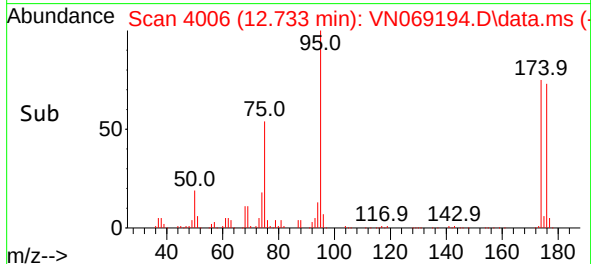
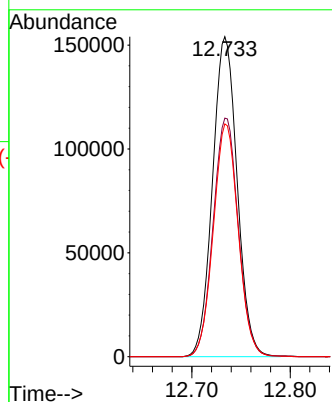
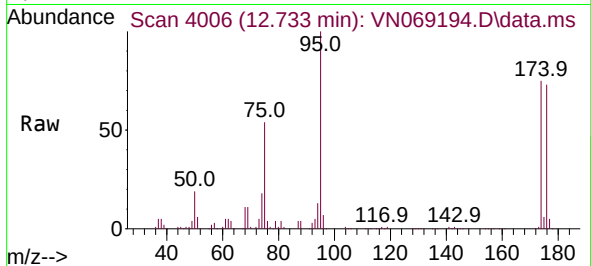




#62
4-Bromofluorobenzene
Concen: 48.307 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

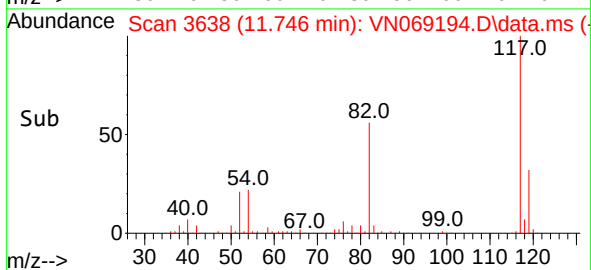
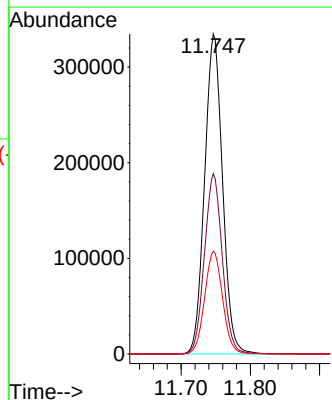
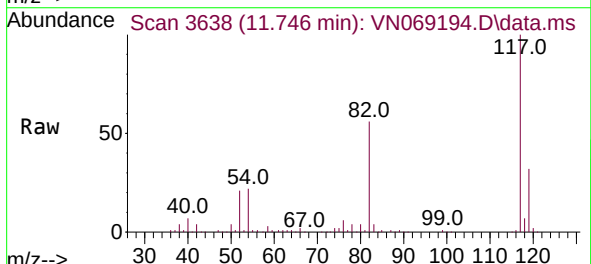
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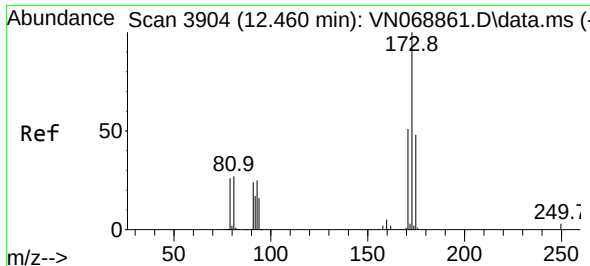
Tgt Ion: 95 Resp: 268370
Ion Ratio Lower Upper
95 100
174 76.1 0.0 144.8
176 73.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

Tgt Ion: 117 Resp: 601583
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.1 26.0 39.0

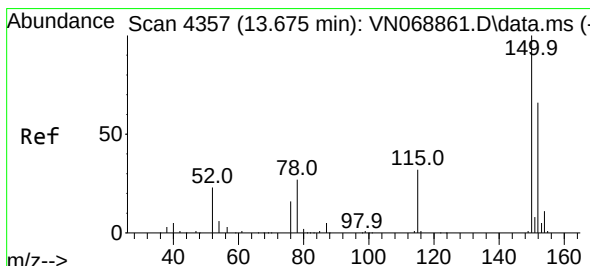
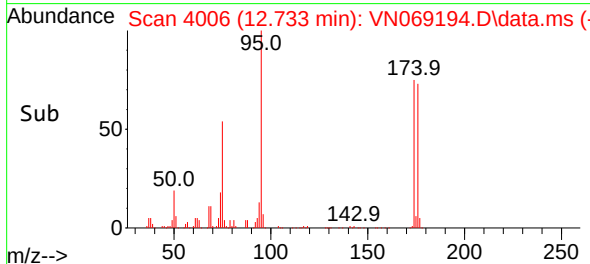
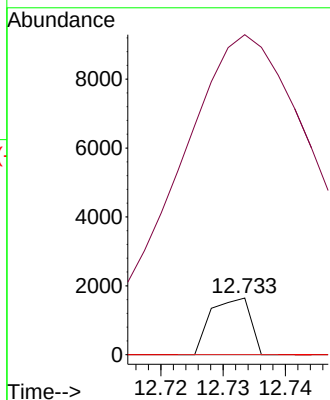
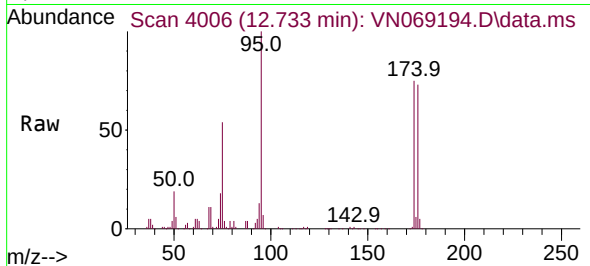




#71
Bromoform
Concen: 0.203 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

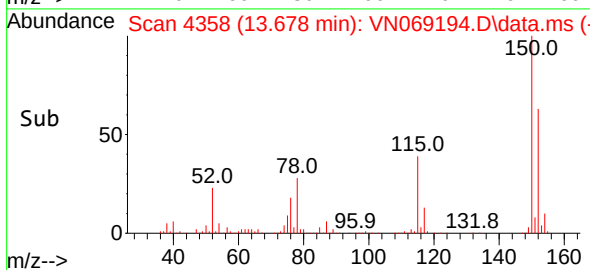
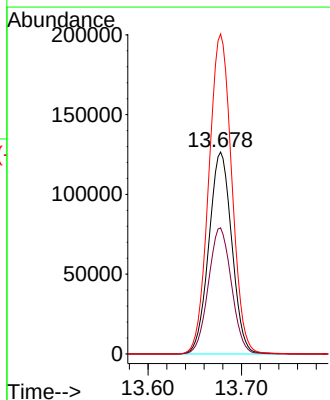
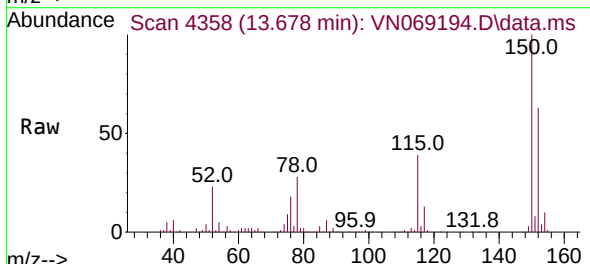
Instrument :
MSVOA_N
ClientSampled :

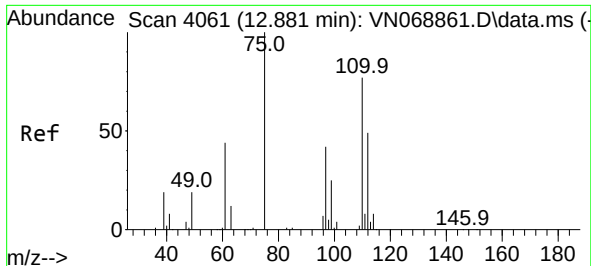
Tgt Ion:173 Resp: 726
Ion Ratio Lower Upper
173 100
175 1977.4 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

Tgt Ion:152 Resp: 216108
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 158.7 0.0 351.0

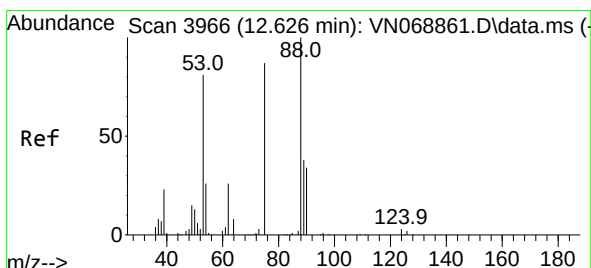
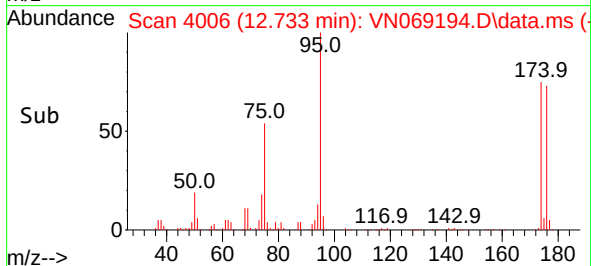
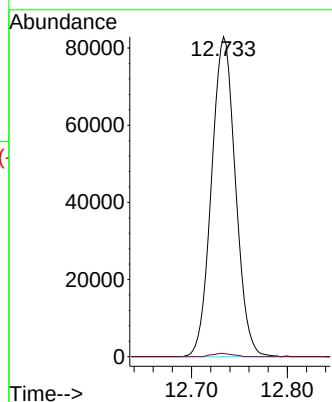
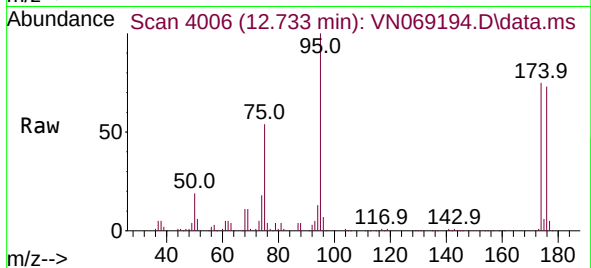




#76
1,2,3-Trichloropropane
Concen: 31.266 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

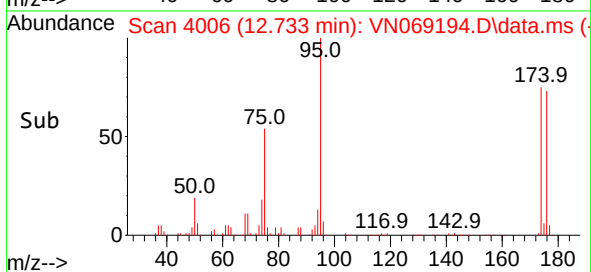
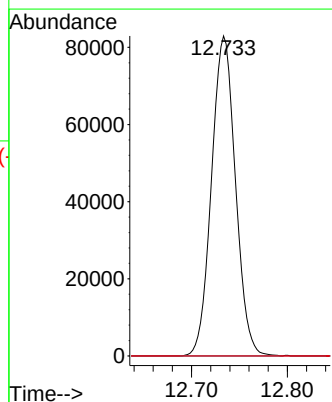
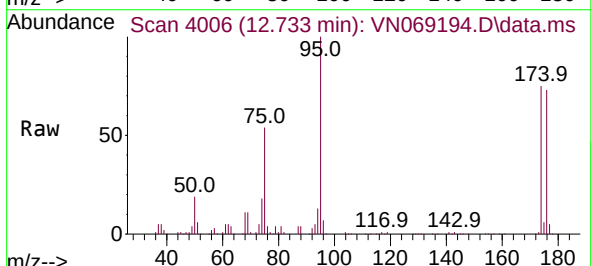
Instrument :
MSVOA_N
ClientSampled :

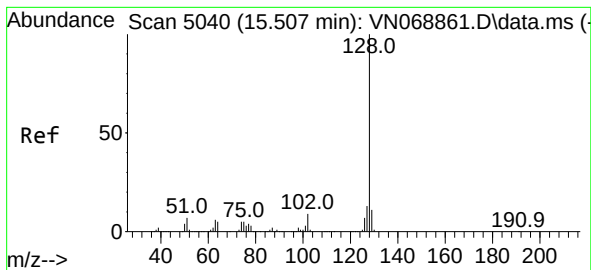
Tgt Ion: 75 Resp: 143766
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.802 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

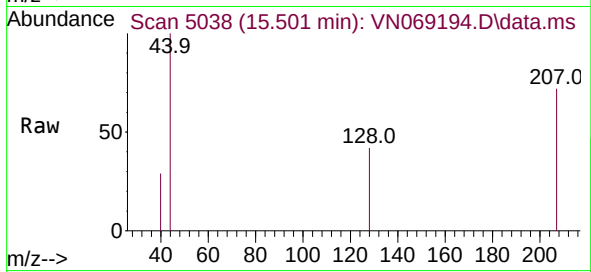
Tgt Ion: 75 Resp: 143766
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.836 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN069194.D
Acq: 26 Oct 2021 18:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	269
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.9	13.3#

