

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069190.D
 Acq On : 26 Oct 2021 17:10
 Operator : JC/MD
 Sample : M4337-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:56:53 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)

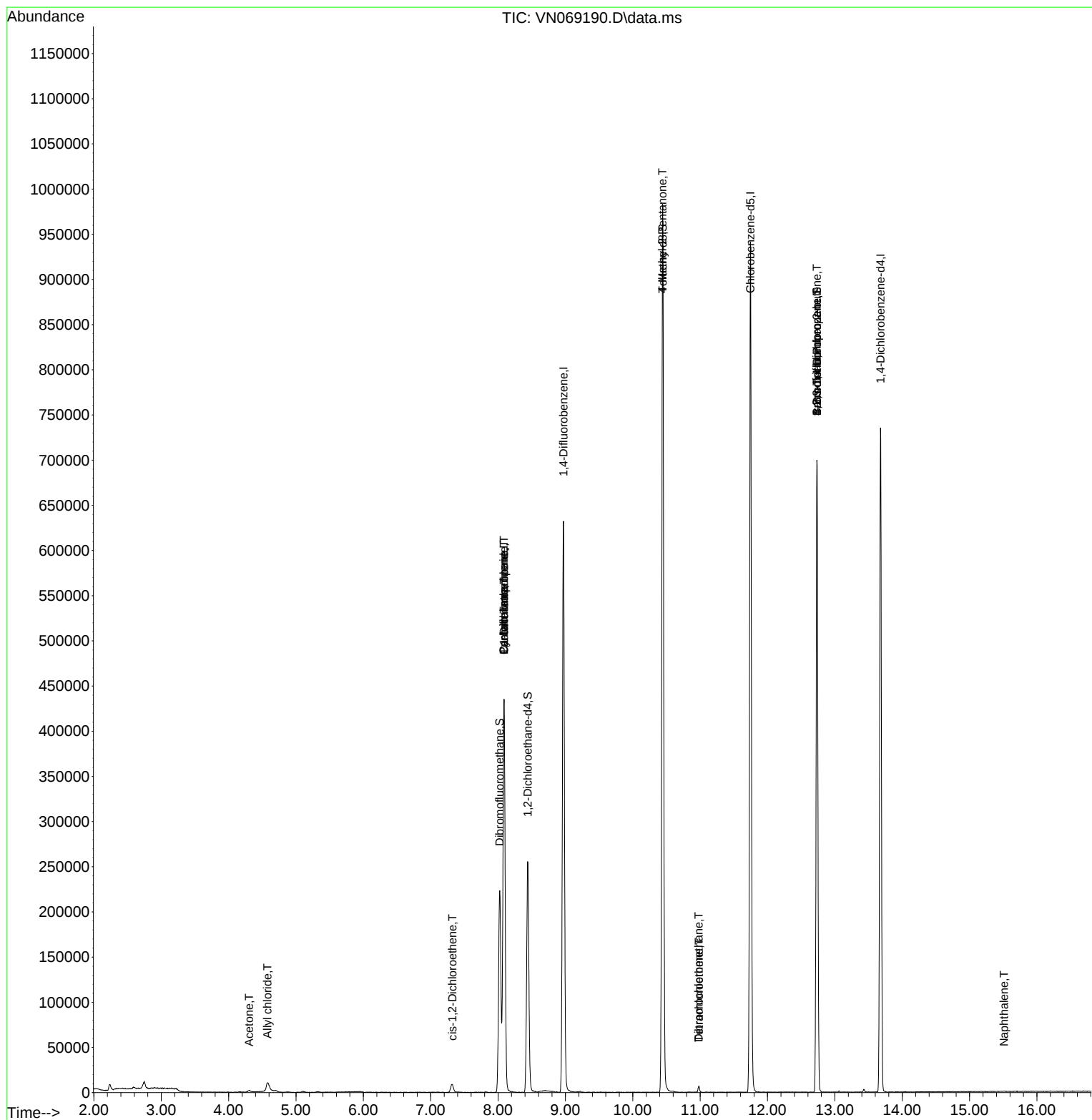
Internal Standards						
1) Pentafluorobenzene	8.088	168	328589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	573666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	556632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	199494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215370	49.712	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.420%
35) Dibromofluoromethane	8.024	113	167016	50.040	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.080%
50) Toluene-d8	10.443	98	715072	53.546	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.100%
62) 4-Bromofluorobenzene	12.733	95	253269	50.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.540%
Target Compounds						
					Qvalue	
14) Allyl chloride	4.578	41	1200	0.211	ug/l #	54
16) Acetone	4.301	43	3294	2.037	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	925	0.223	ug/l	65
31) Cyclohexane	8.088	56	7451	1.106	ug/l #	4
36) 1,1-Dichloropropene	8.088	75	27063	5.523	ug/l #	50
38) Carbon Tetrachloride	8.088	117	34485	6.408	ug/l #	15
51) 4-Methyl-2-Pentanone	10.440	43	3301	0.638	ug/l #	1
60) Dibromochloromethane	10.977	129	1425	0.334	ug/l #	10
64) Tetrachloroethene	10.982	164	1487	0.415	ug/l #	87
71) Bromoform	12.733	173	857	0.259	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	135672	31.963	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	135672	76.469	ug/l #	12
95) Naphthalene	15.512	128	561	3.868	ug/l #	69

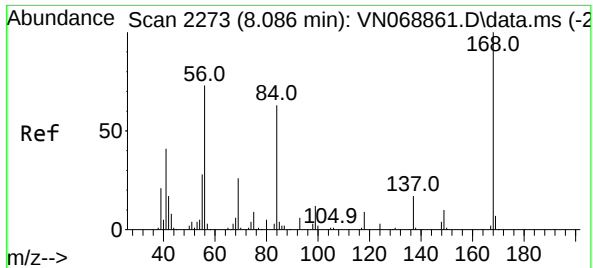
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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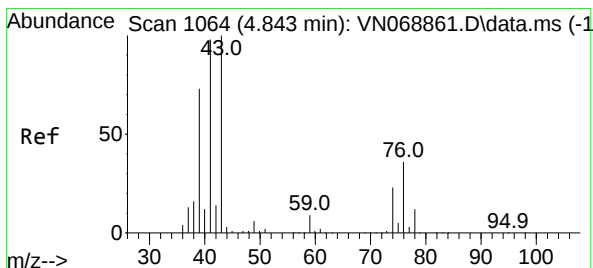
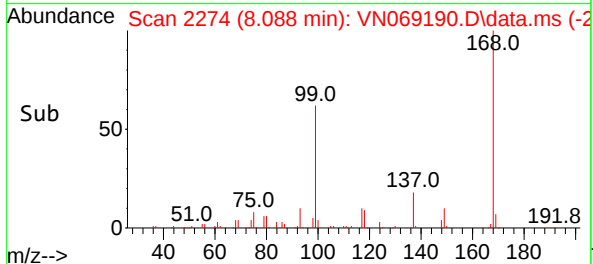
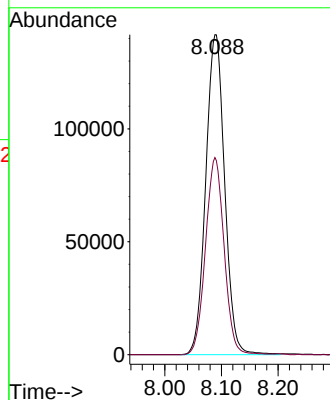
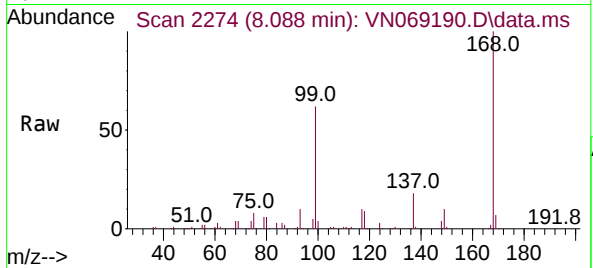




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

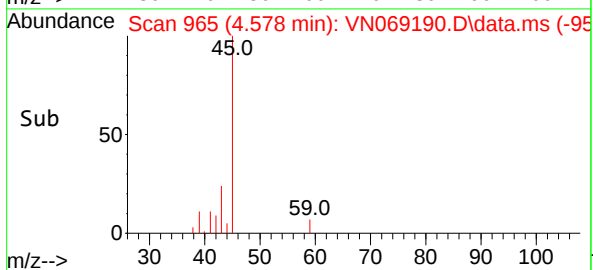
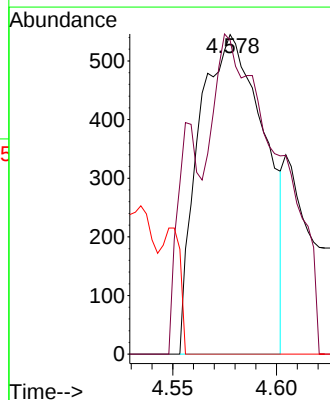
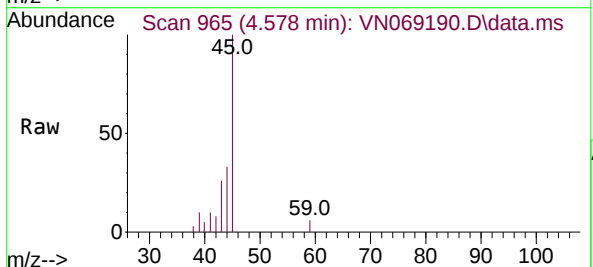
Instrument :
MSVOA_N
ClientSampled :

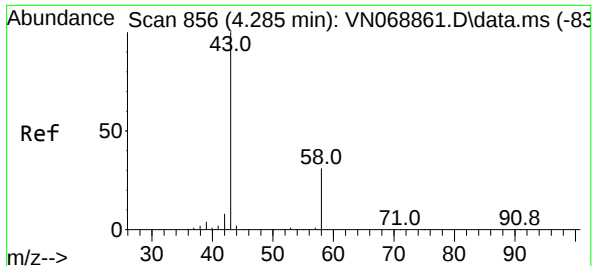
Tgt Ion:168 Resp: 328589
Ion Ratio Lower Upper
168 100
99 61.6 48.9 73.3



#14
Allyl chloride
Concen: 0.211 ug/l
RT: 4.578 min Scan# 965
Delta R.T. -0.266 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

Tgt Ion: 41 Resp: 1200
Ion Ratio Lower Upper
41 100
39 102.2 55.6 83.4#
76 0.0 26.4 39.6#

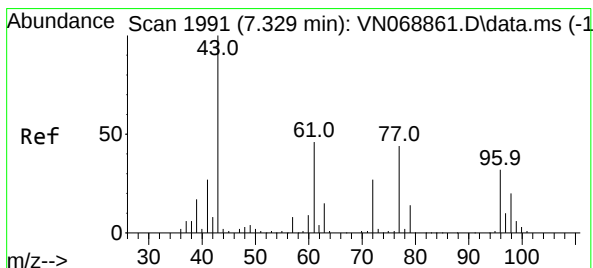
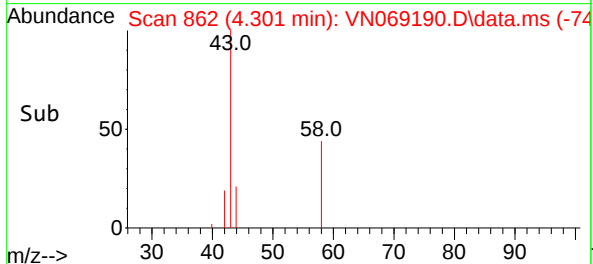
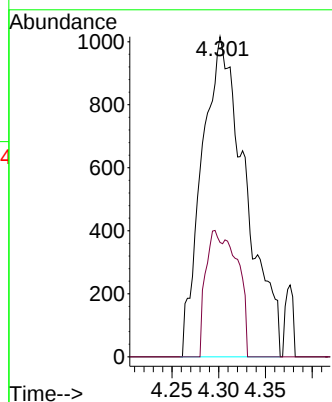
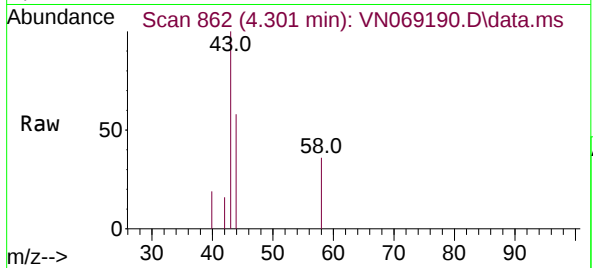




#16
Acetone
Concen: 2.037 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

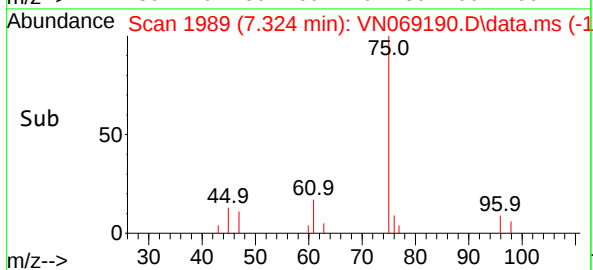
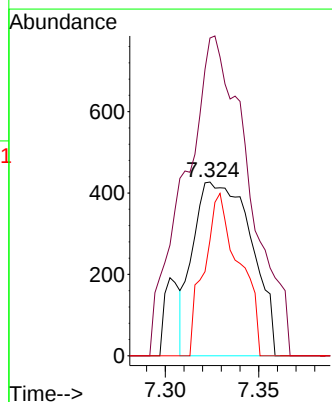
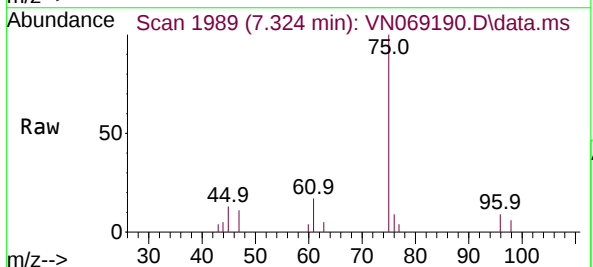
Instrument :
MSVOA_N
ClientSampleId :

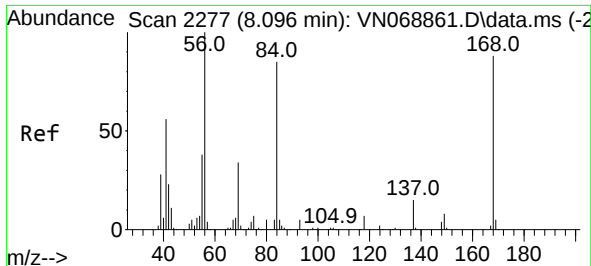
Tgt Ion: 43 Resp: 3294
Ion Ratio Lower Upper
43 100
58 35.7 24.5 36.7



#27
cis-1,2-Dichloroethene
Concen: 0.223 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.005 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

Tgt Ion: 96 Resp: 925
Ion Ratio Lower Upper
96 100
61 203.6 0.0 290.6
98 56.4 0.0 127.2

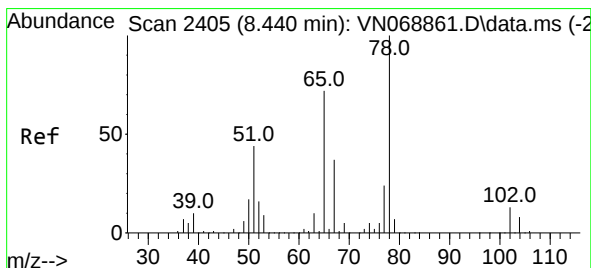
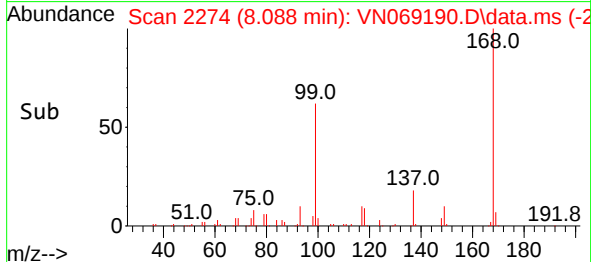
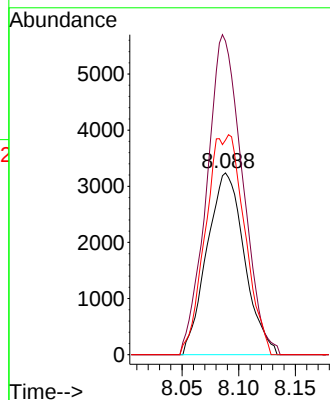
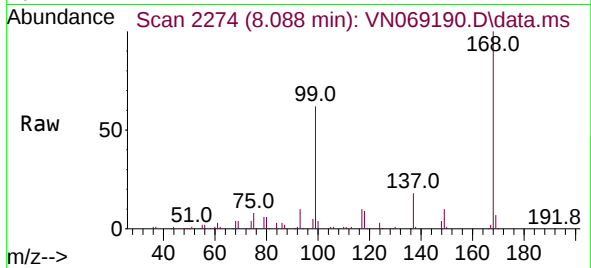




#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

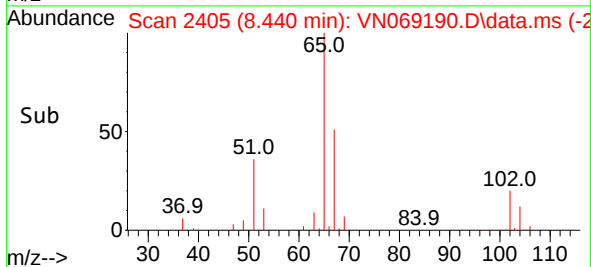
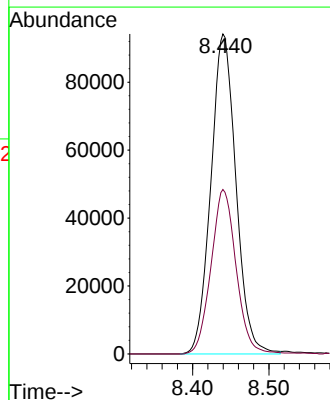
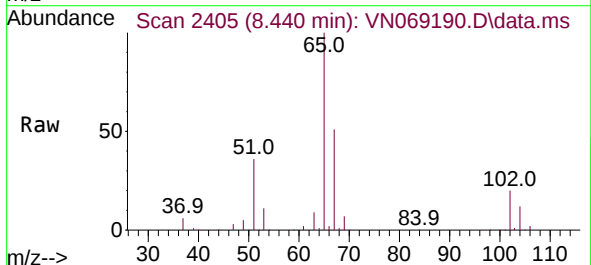
Instrument :
MSVOA_N
ClientSampled :

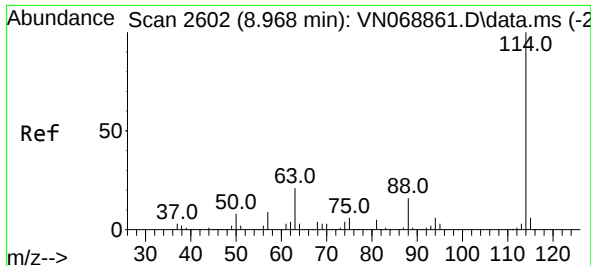
Tgt Ion: 56 Resp: 7451
Ion Ratio Lower Upper
56 100
69 172.5 26.9 40.3#
84 118.1 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.712 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

Tgt Ion: 65 Resp: 215370
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8

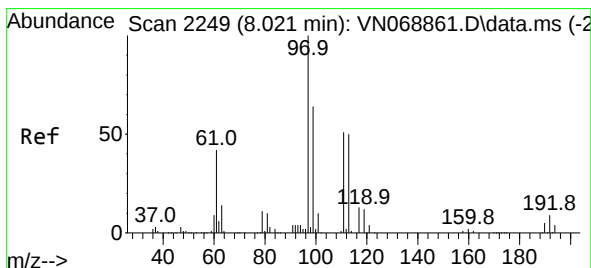
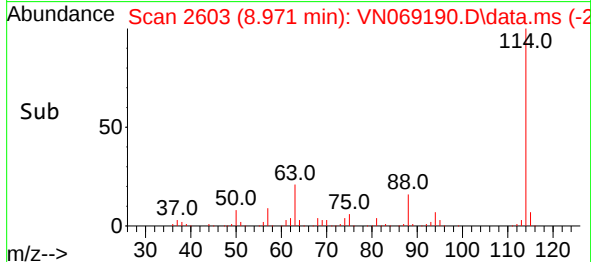
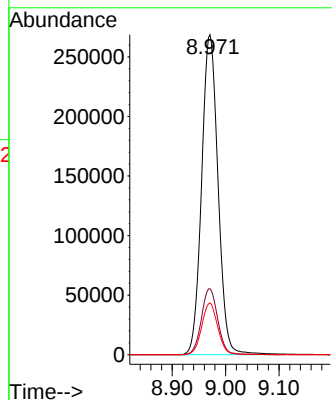
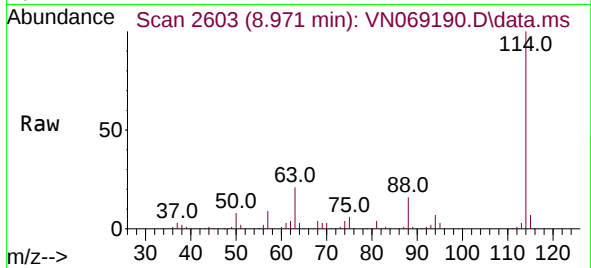




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

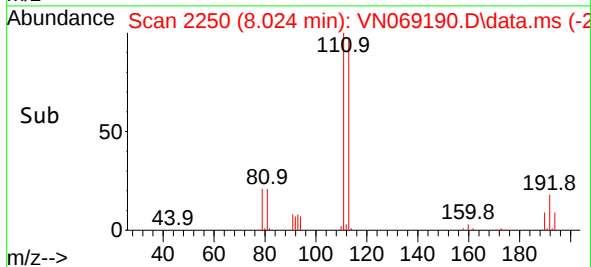
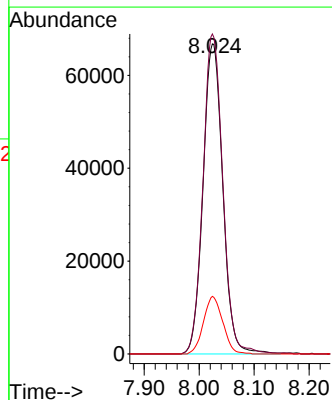
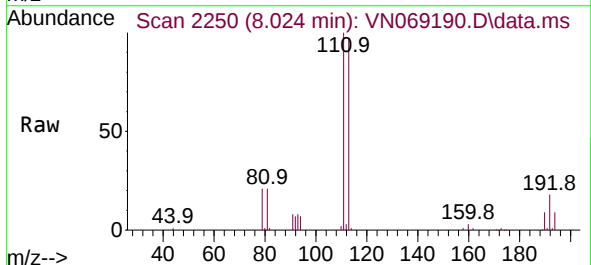
Instrument :
MSVOA_N
ClientSampleId :

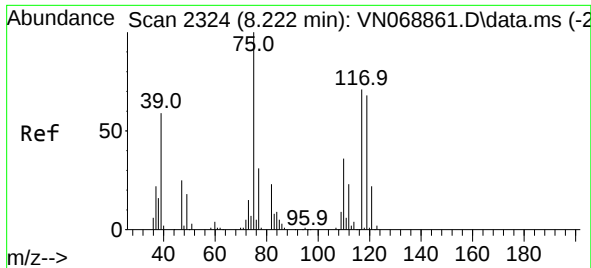
Tgt Ion:114 Resp: 573666
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 16.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.040 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

Tgt Ion:113 Resp: 167016
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 18.1 15.0 22.4

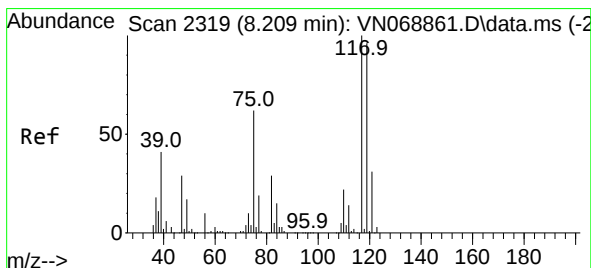
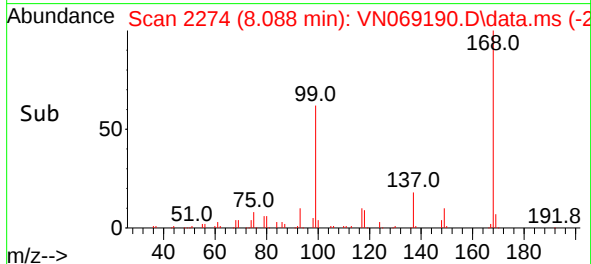
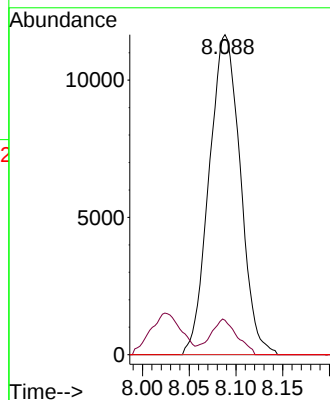
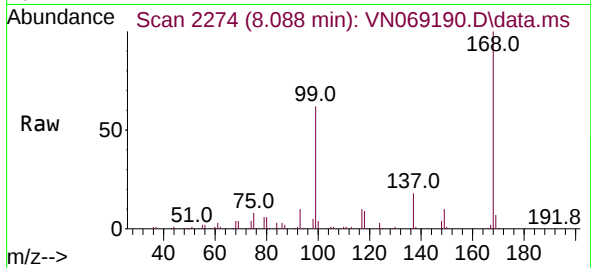




#36
 1,1-Dichloropropene
 Concen: 5.523 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN069190.D
 Acq: 26 Oct 2021 17:10

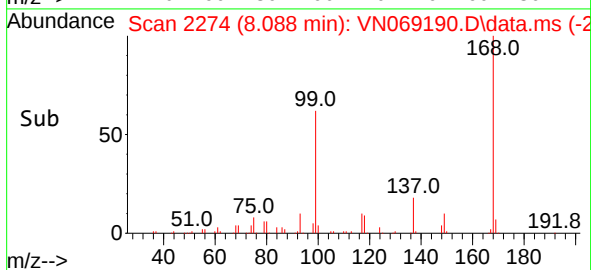
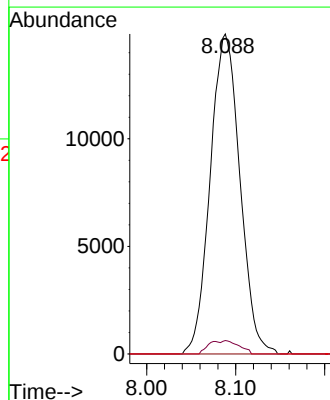
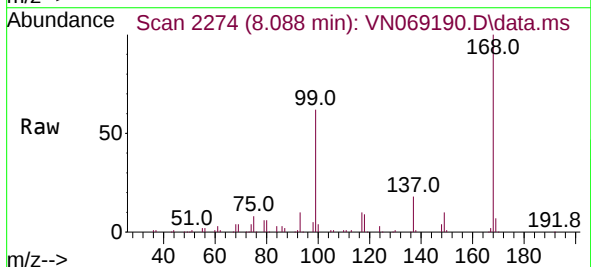
Instrument :
 MSVOA_N
 ClientSampled :

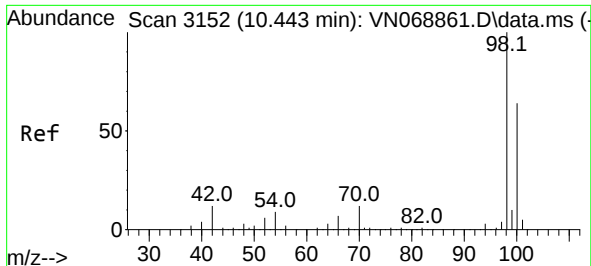
Tgt Ion: 75 Resp: 27063
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.9 53.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.408 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.121 min
 Lab File: VN069190.D
 Acq: 26 Oct 2021 17:10

Tgt Ion: 117 Resp: 34485
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.9 115.3#
 121 0.0 24.6 37.0#

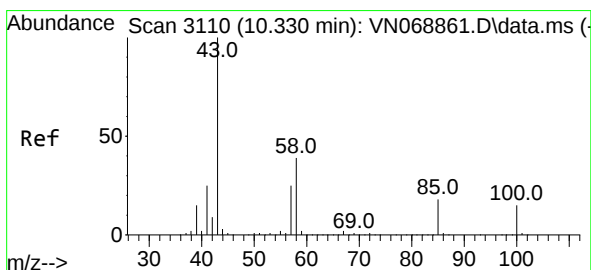
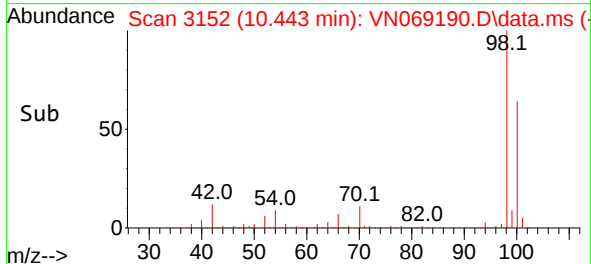
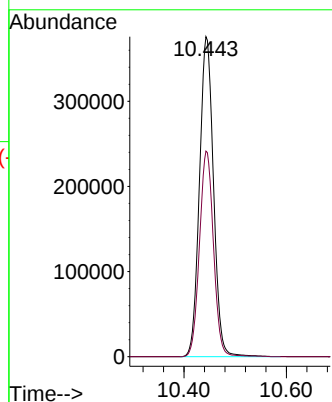
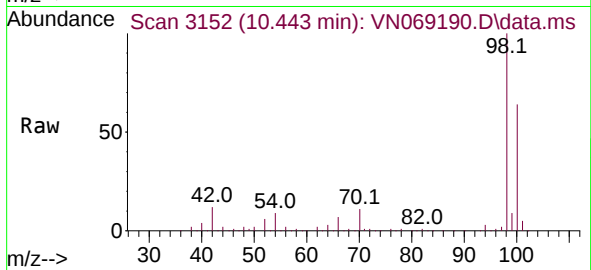




#50
Toluene-d8
Concen: 53.546 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

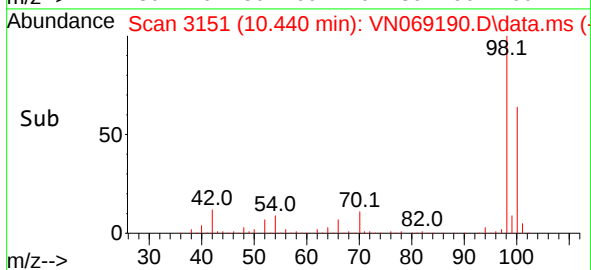
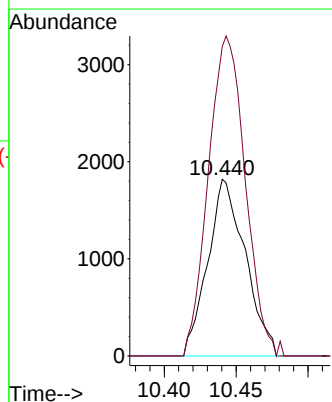
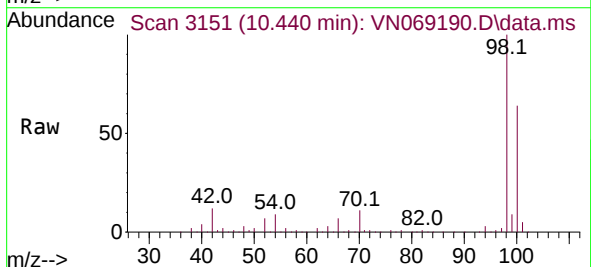
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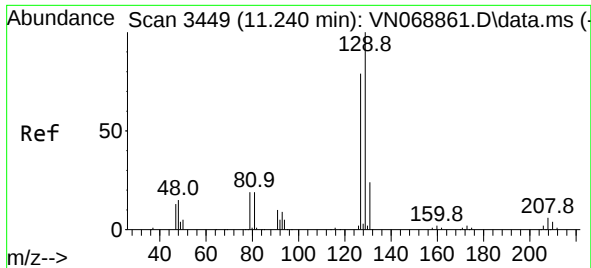
Tgt Ion: 98 Resp: 715072
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.638 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.110 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

Tgt Ion: 43 Resp: 3301
Ion Ratio Lower Upper
43 100
58 178.3 31.0 46.4#

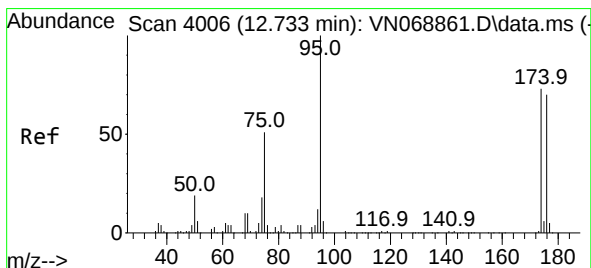
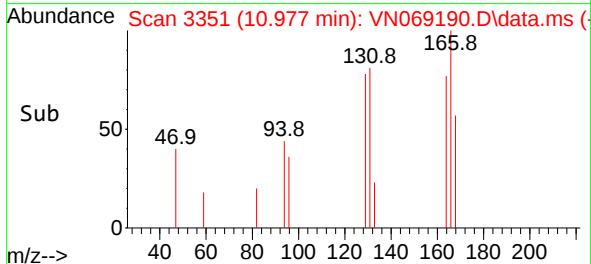
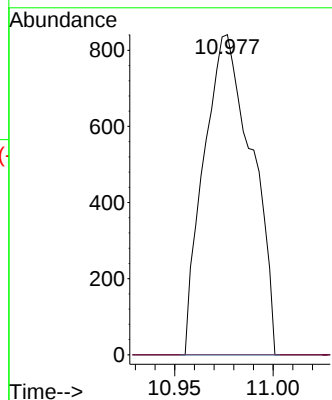
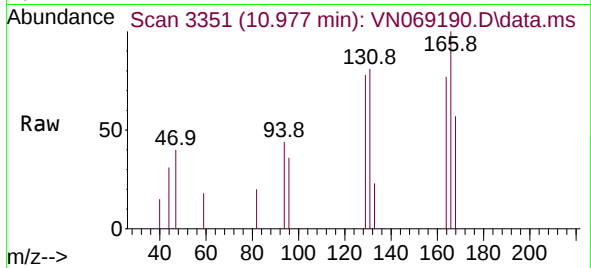




#60
Dibromochloromethane
Concen: 0.334 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

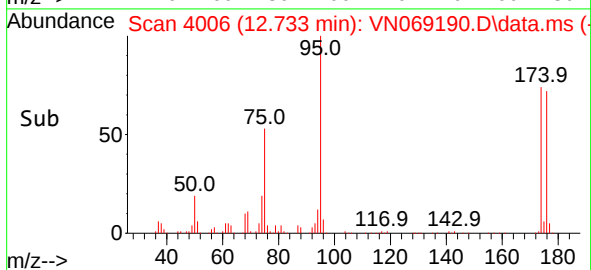
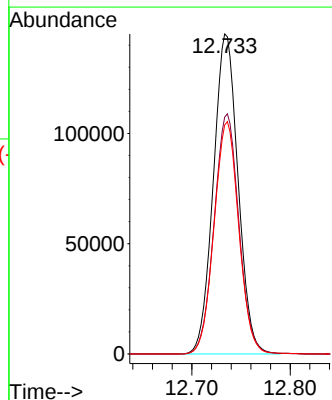
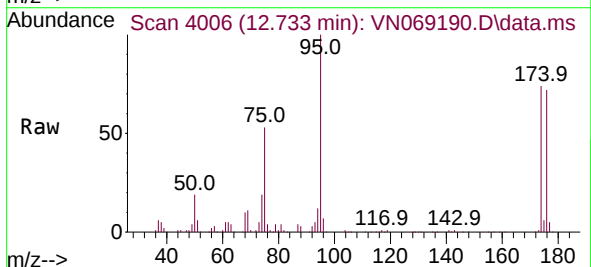
Instrument :
MSVOA_N
ClientSampleId :

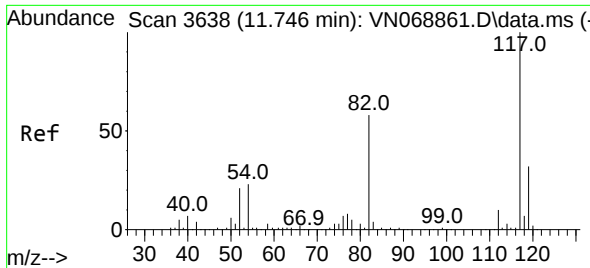
Tgt Ion:129 Resp: 1425
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 50.267 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

Tgt Ion: 95 Resp: 253269
Ion Ratio Lower Upper
95 100
174 75.5 0.0 144.8
176 72.8 0.0 140.0

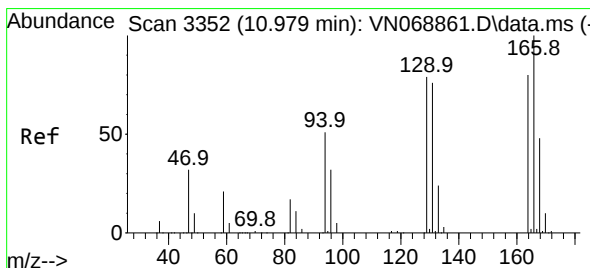
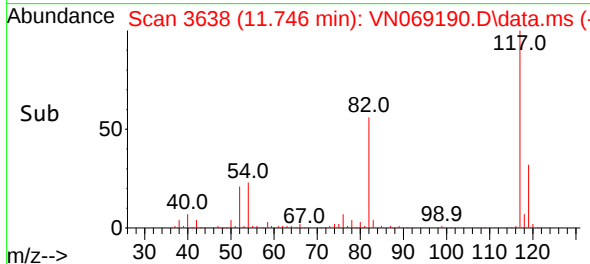
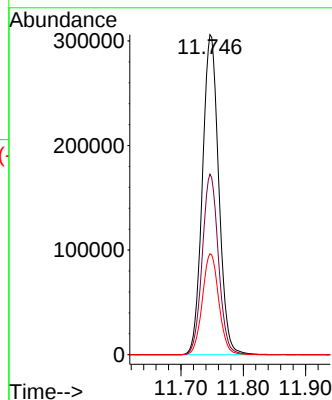
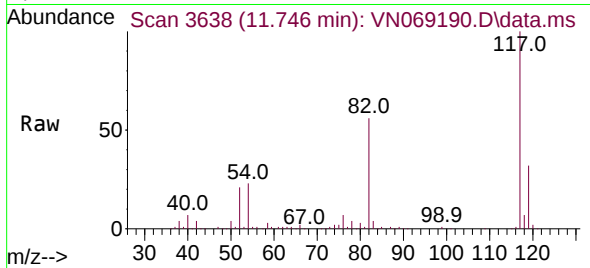




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

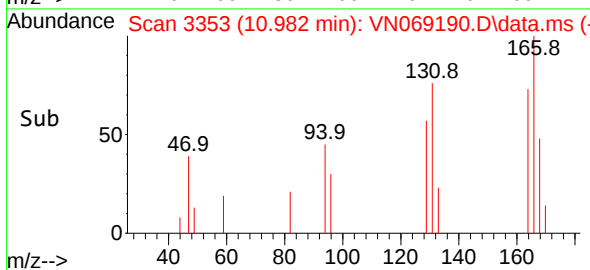
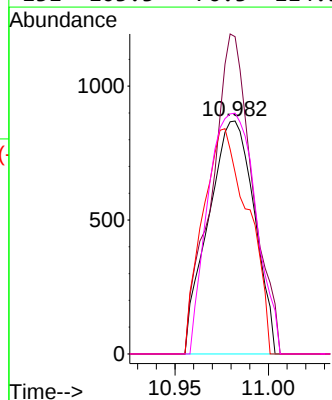
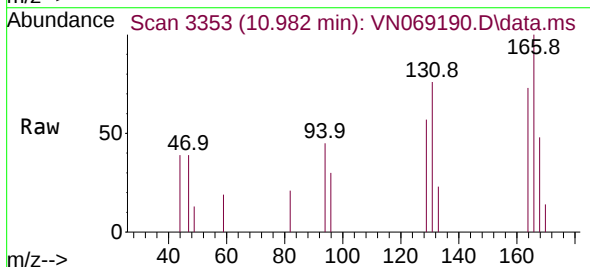
Instrument :
MSVOA_N
ClientSampleId :

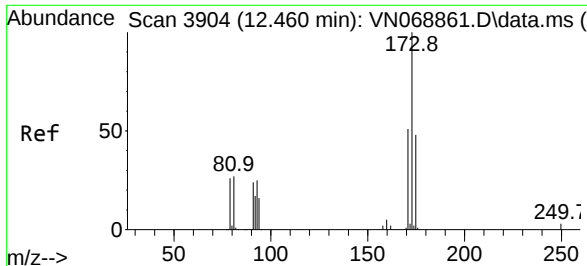
Tgt Ion:117 Resp: 556632
Ion Ratio Lower Upper
117 100
82 56.4 46.4 69.6
119 31.5 26.0 39.0



#64
Tetrachloroethene
Concen: 0.415 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

Tgt Ion:164 Resp: 1487
Ion Ratio Lower Upper
164 100
166 136.2 99.8 149.8
129 77.9 79.2 118.8#
131 103.3 76.3 114.5

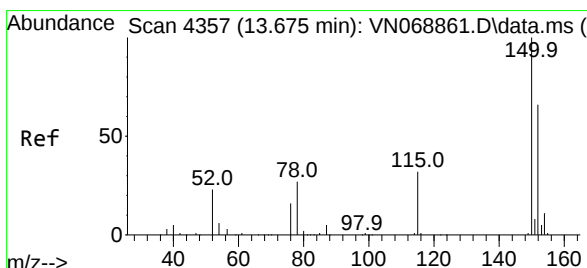
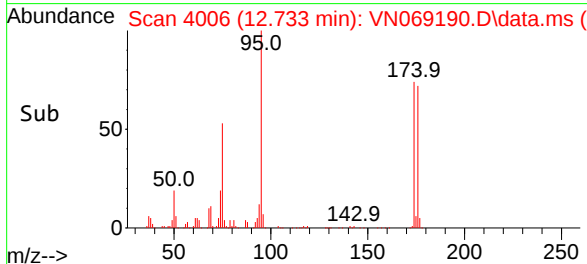
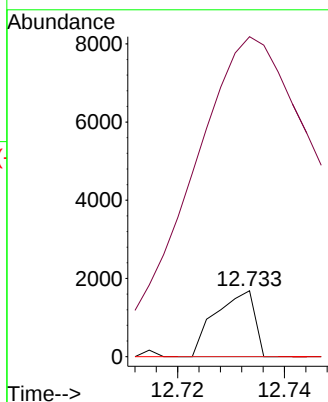
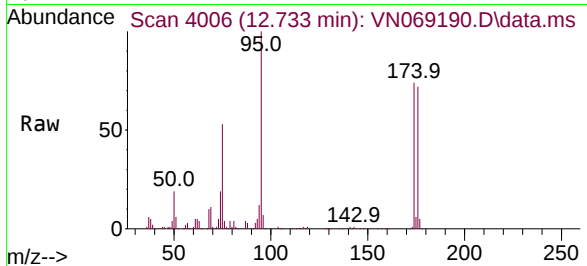




#71
Bromoform
Concen: 0.259 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

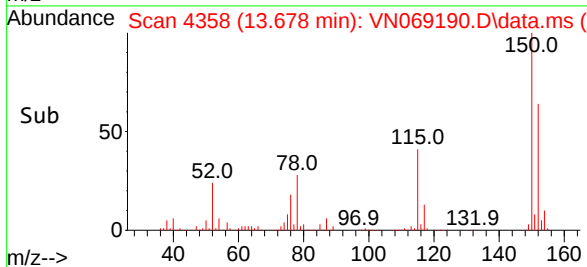
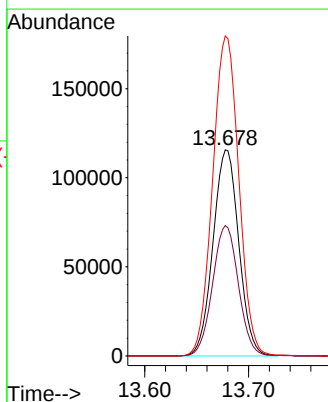
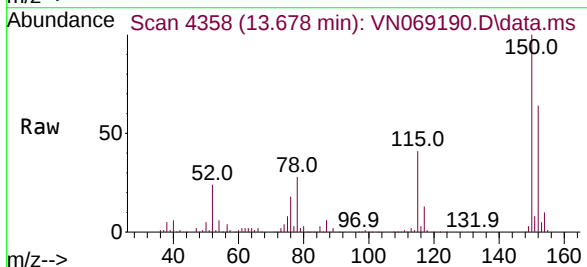
Instrument :
MSVOA_N
ClientSampleId :

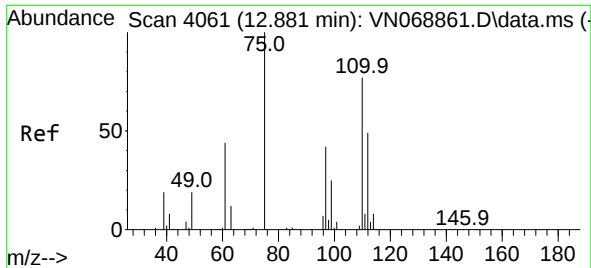
Tgt Ion:173 Resp: 857
Ion Ratio Lower Upper
173 100
175 1505.3 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

Tgt Ion:152 Resp: 199494
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.3
150 157.9 0.0 351.0

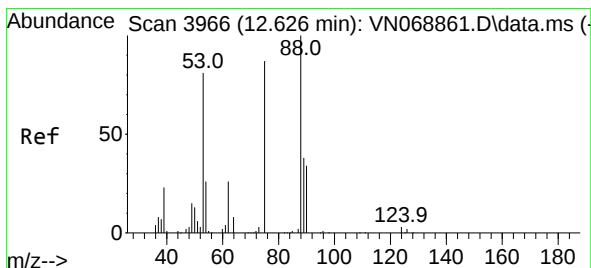
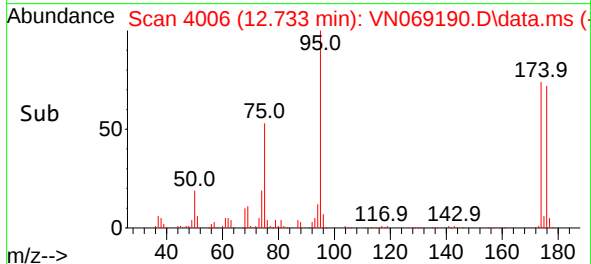
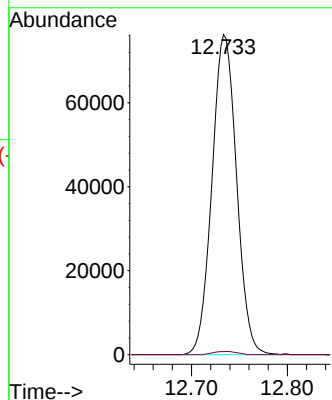
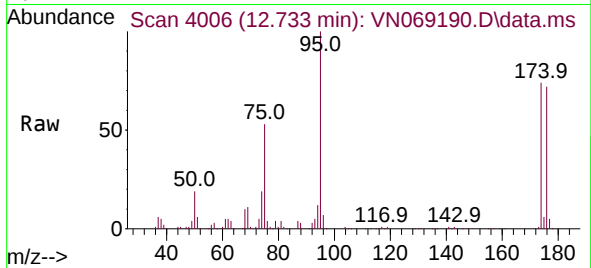




#76
1,2,3-Trichloropropane
Concen: 31.963 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

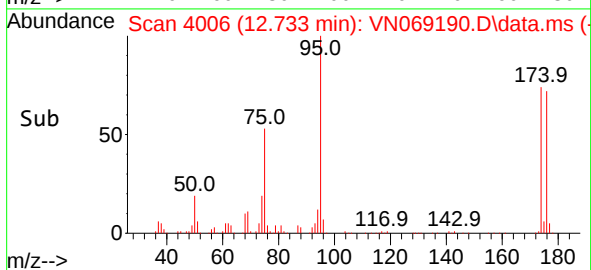
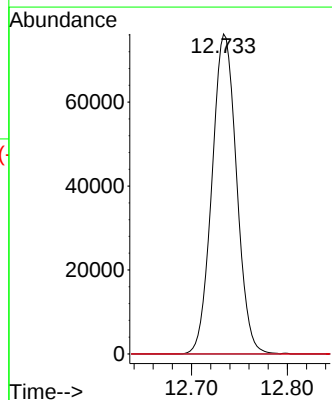
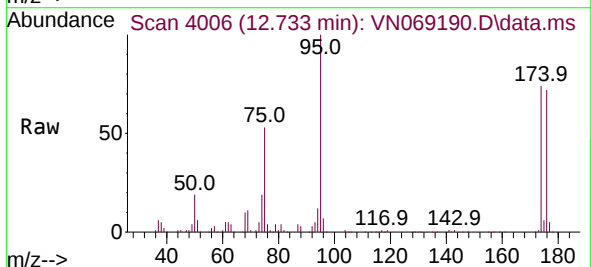
Instrument :
MSVOA_N
ClientSampled :

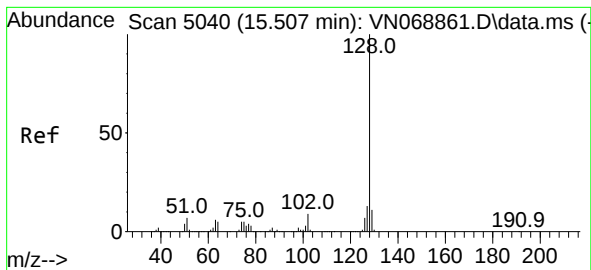
Tgt Ion: 75 Resp: 135672
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.469 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

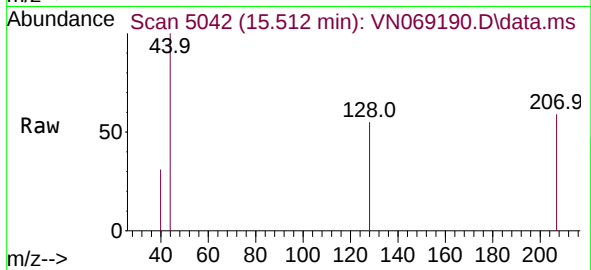
Tgt Ion: 75 Resp: 135672
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.868 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069190.D
Acq: 26 Oct 2021 17:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	561
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.9	13.3#

