

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068890.D
 Acq On : 13 Oct 2021 11:45
 Operator : JC/MD
 Sample : VN1013WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013WBL01

Quant Time: Oct 14 06:40:36 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)

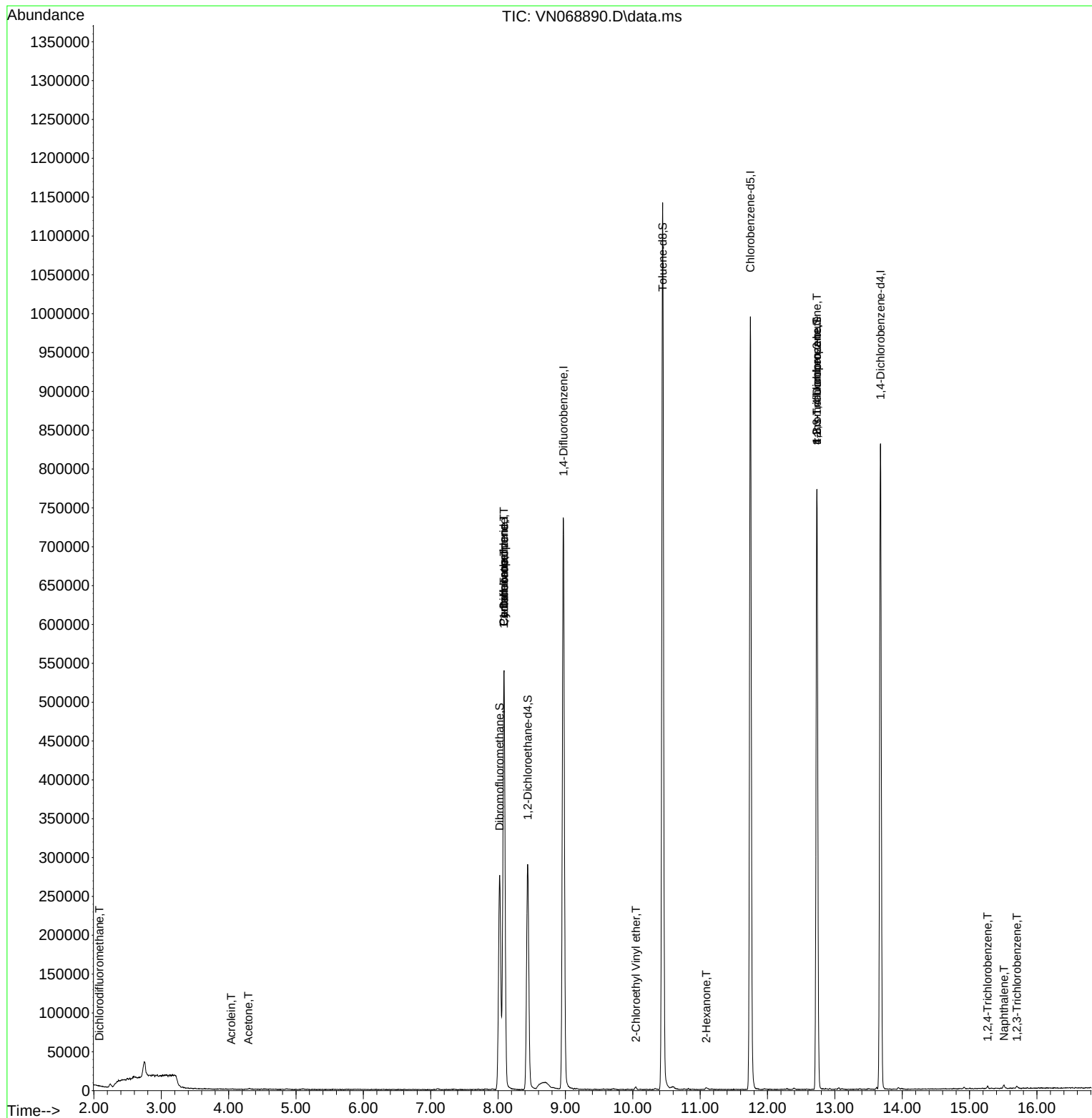
Internal Standards						
1) Pentafluorobenzene	8.088	168	417524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	682214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	601755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	231623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	247446	44.950	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.900%
35) Dibromofluoromethane	8.024	113	203066	51.161	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.320%
50) Toluene-d8	10.443	98	822756	51.806	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.733	95	284639	47.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.081	85	58	1.254	ug/l #	42
13) Acrolein	4.039	56	177	0.398	ug/l	98
16) Acetone	4.293	43	707	0.344	ug/l #	44
31) Cyclohexane	8.088	56	9201	1.075	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	32393	5.559	ug/l #	43
38) Carbon Tetrachloride	8.088	117	41980	6.560	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.046	63	1497	19.381	ug/l	95
59) 2-Hexanone	11.089	43	1989	0.450	ug/l	91
76) 1,2,3-Trichloropropane	12.733	75	145116	29.446	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	145116	70.447	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	1095	2.868	ug/l #	90
95) Naphthalene	15.509	128	4573	4.205	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.702	180	1178	2.816	ug/l #	86

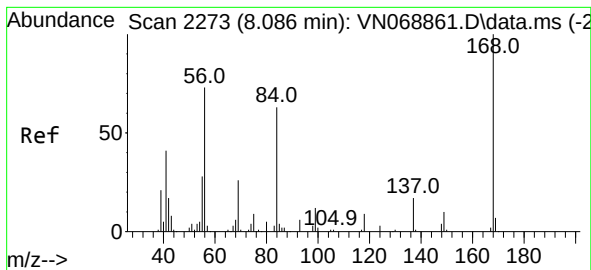
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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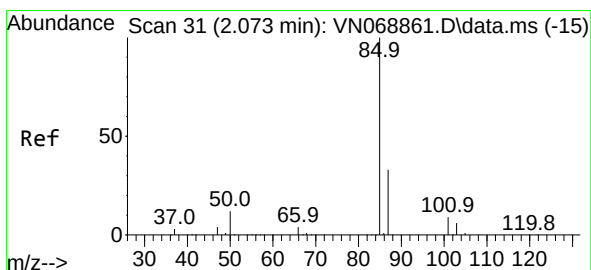
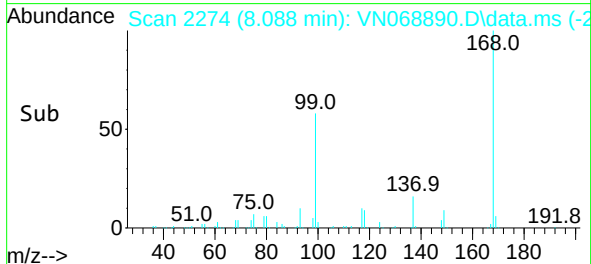
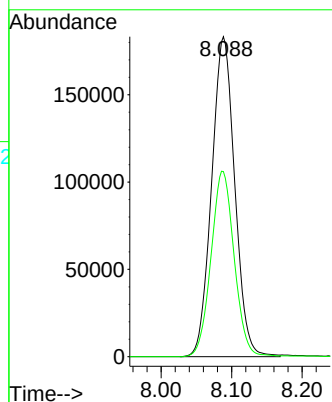
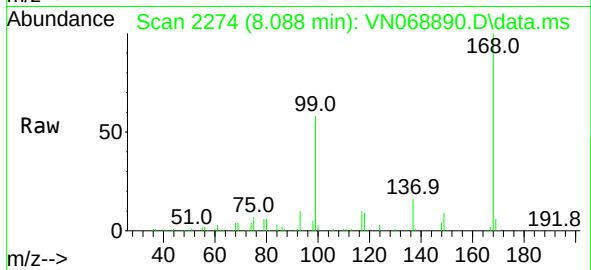




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

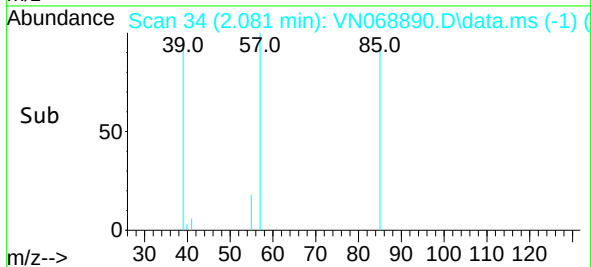
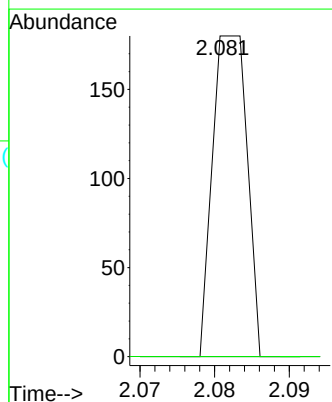
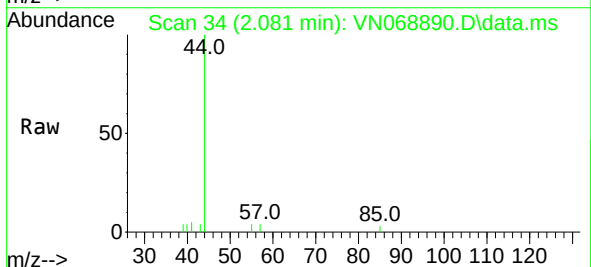
Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

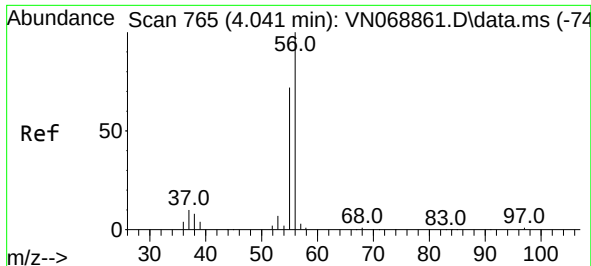
Tgt Ion:168 Resp: 417524
Ion Ratio Lower Upper
168 100
99 57.8 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 1.254 ug/l
RT: 2.081 min Scan# 34
Delta R.T. 0.008 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

Tgt Ion: 85 Resp: 58
Ion Ratio Lower Upper
85 100
87 0.0 16.3 48.8#

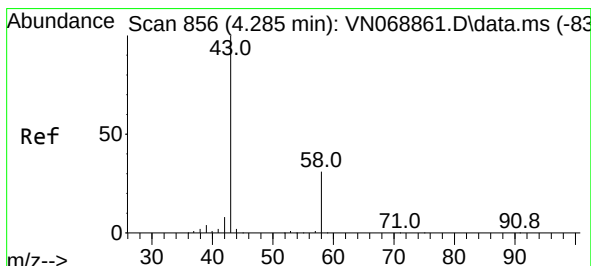
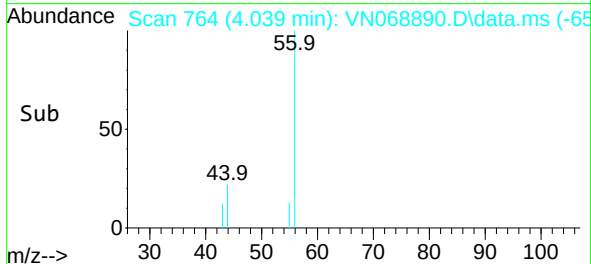
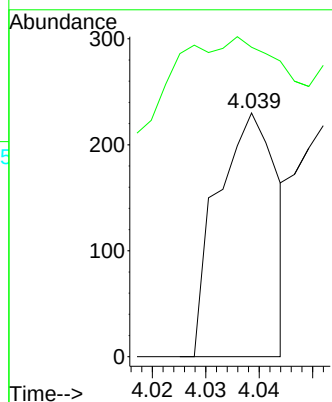
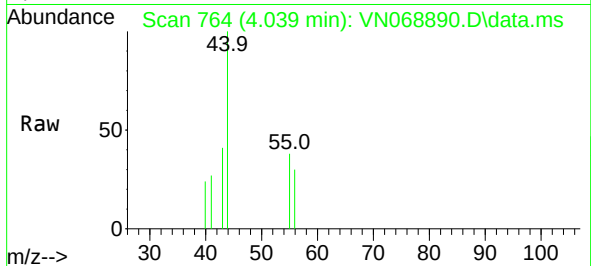




#13
Acrolein
Concen: 0.398 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

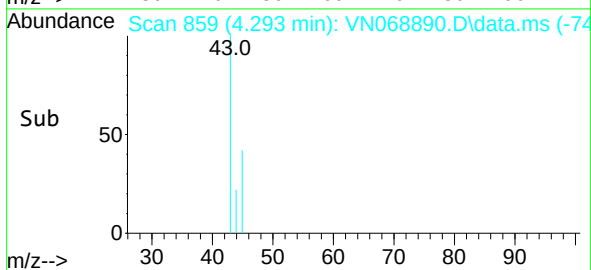
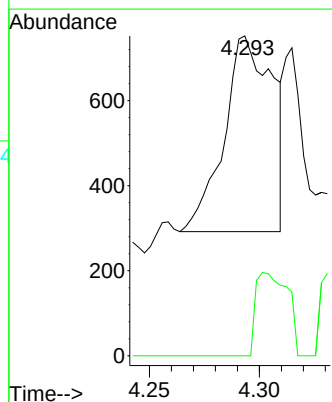
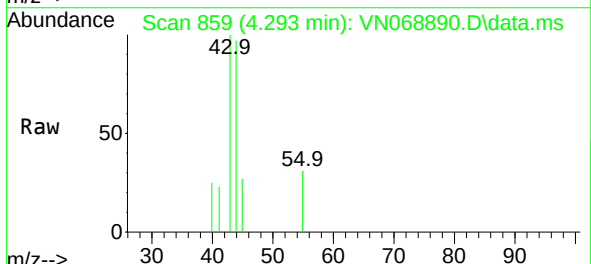
Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

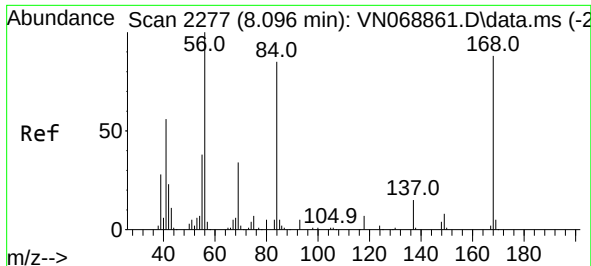
Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 71.2 58.1 87.1



#16
Acetone
Concen: 0.344 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

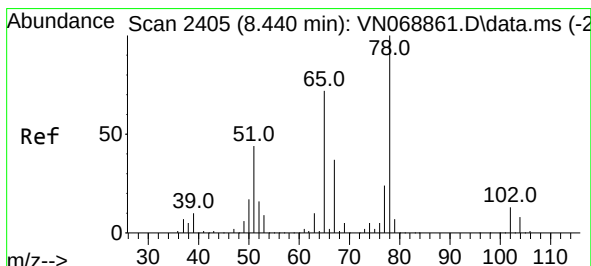
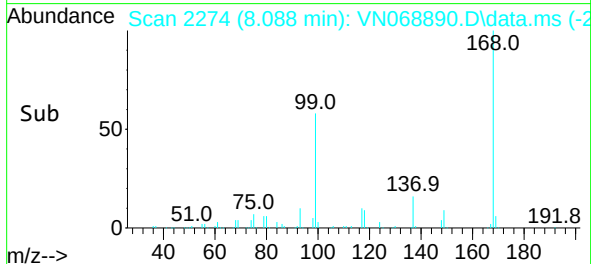
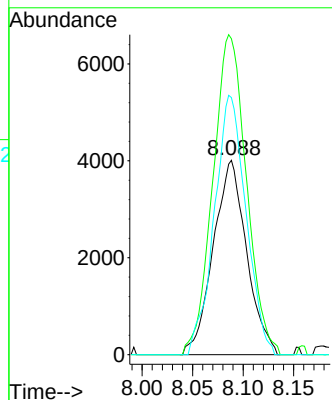
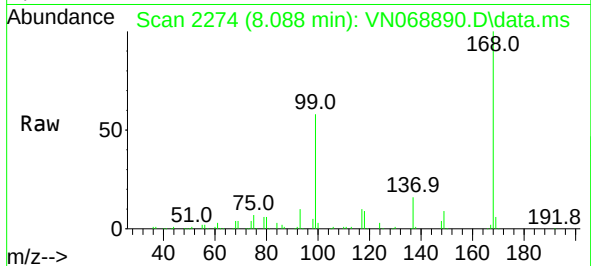




#31
Cyclohexane
Concen: 1.075 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

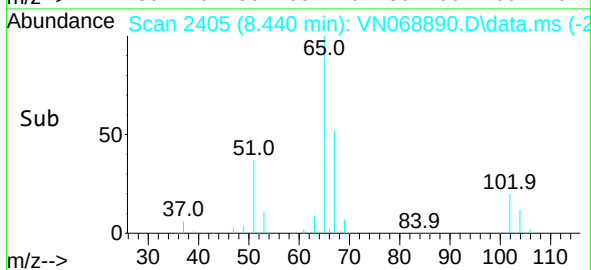
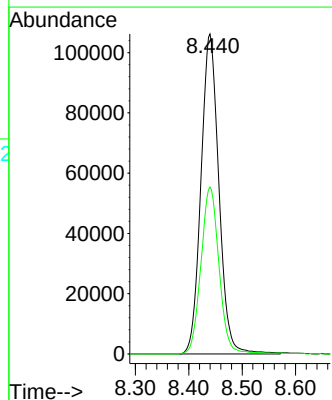
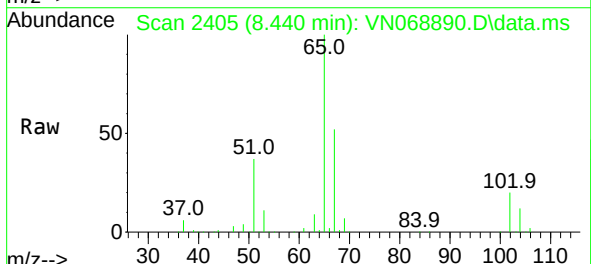
Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

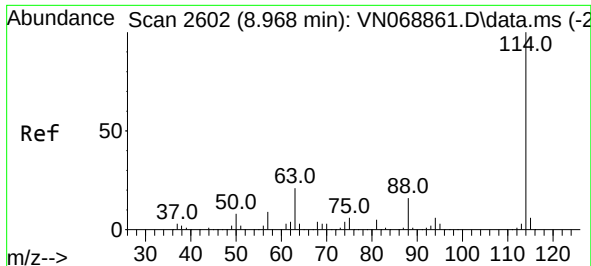
Tgt Ion:	56	Resp:	9201
Ion	Ratio	Lower	Upper
56	100		
69	162.6	26.9	40.3#
84	132.3	67.6	101.4#



#33
1,2-Dichloroethane-d4
Concen: 44.950 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

Tgt Ion:	65	Resp:	247446
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.8

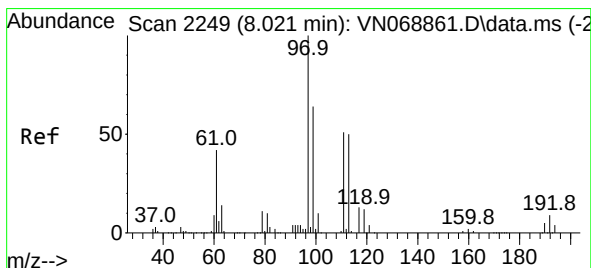
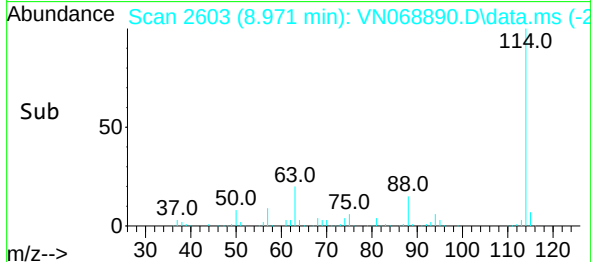
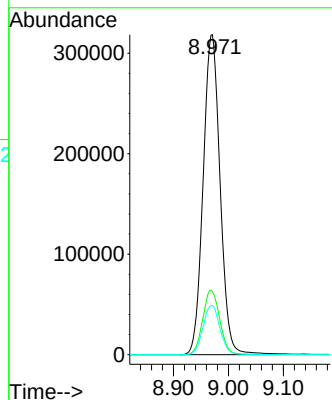
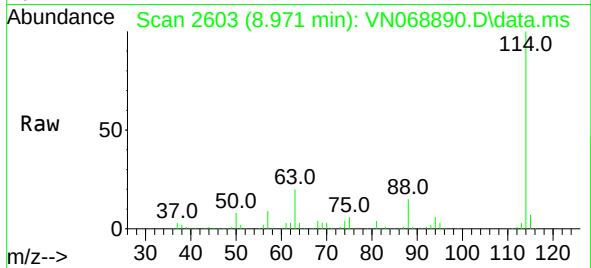




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

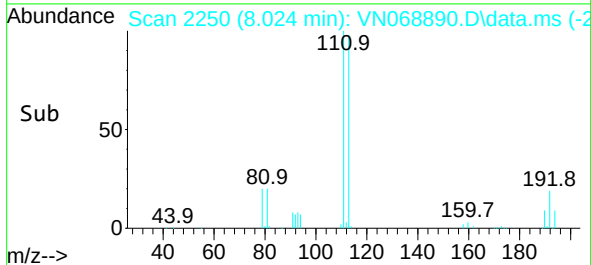
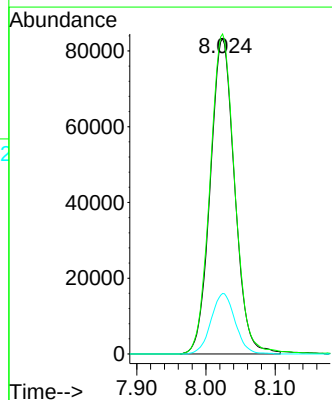
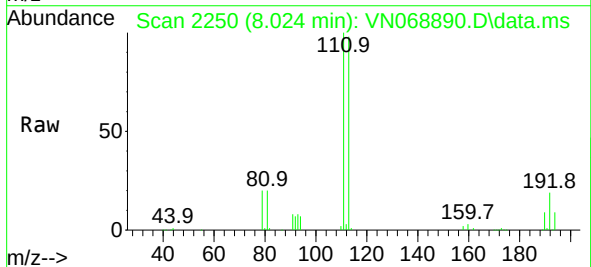
Instrument :
MSVOA_N
ClientSampleId :
VN1013WBL01

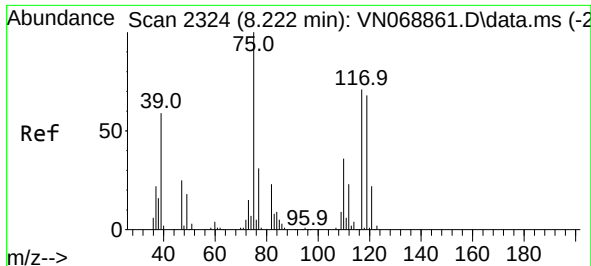
Tgt Ion:114 Resp: 682214
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 15.3 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.161 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

Tgt Ion:113 Resp: 203066
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 19.0 15.0 22.4

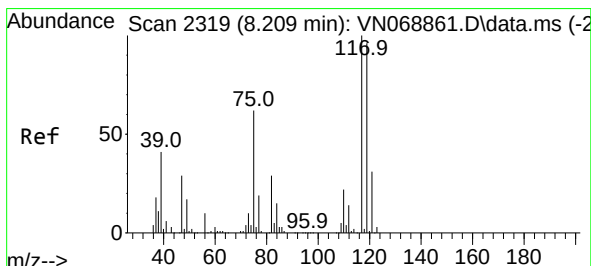
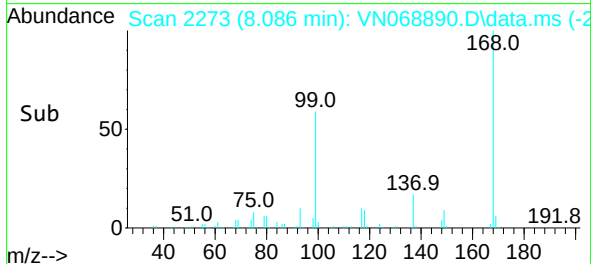
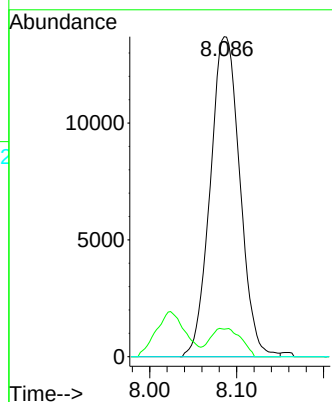
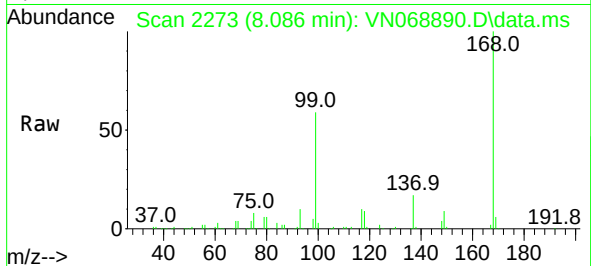




#36
 1,1-Dichloropropene
 Concen: 5.559 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.137 min
 Lab File: VN068890.D
 Acq: 13 Oct 2021 11:45

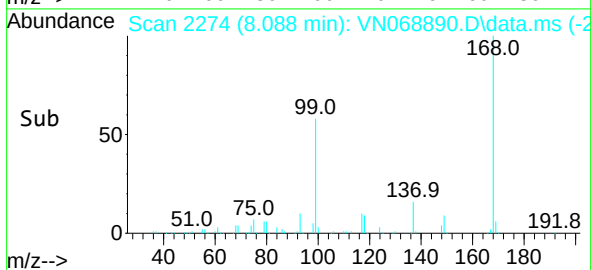
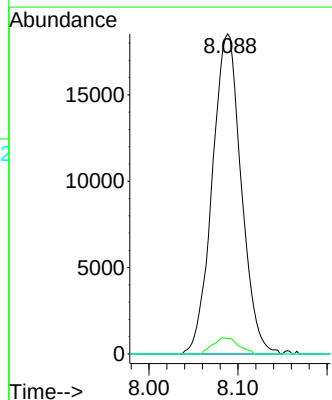
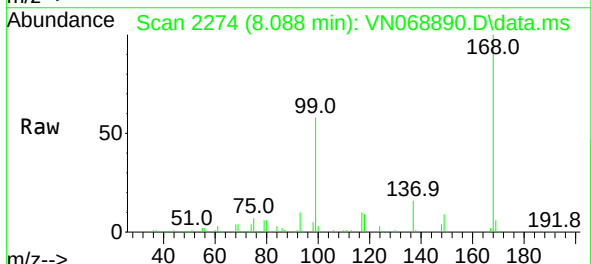
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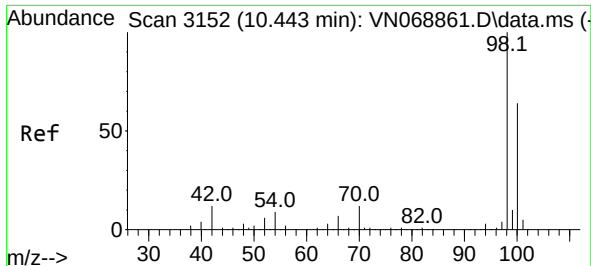
Tgt Ion: 75 Resp: 32393
 Ion Ratio Lower Upper
 75 100
 110 2.5 17.9 53.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.560 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.121 min
 Lab File: VN068890.D
 Acq: 13 Oct 2021 11:45

Tgt Ion: 117 Resp: 41980
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.9 115.3#
 121 0.0 24.6 37.0#

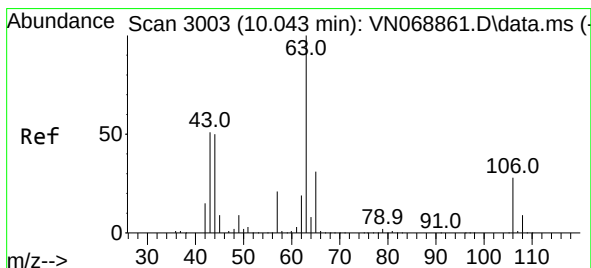
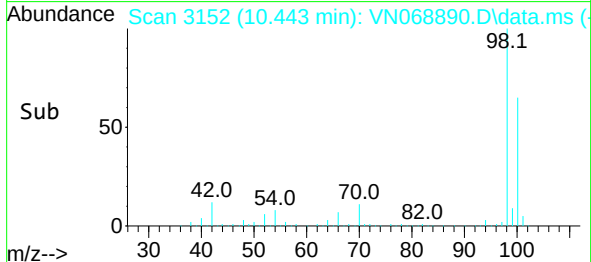
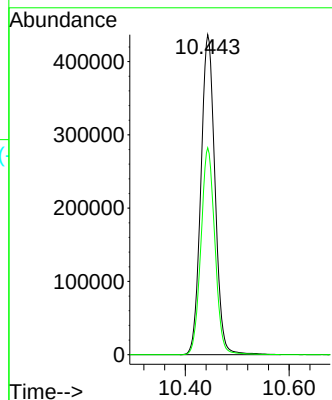
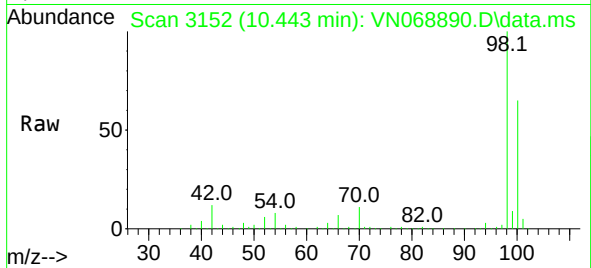




#50
Toluene-d8
Concen: 51.806 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

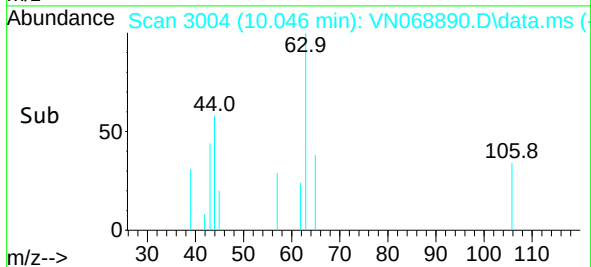
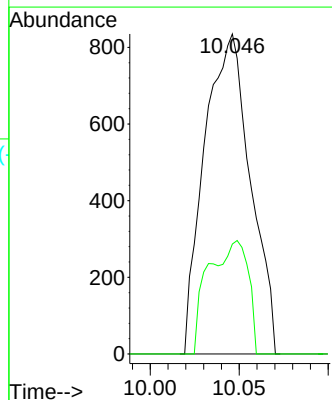
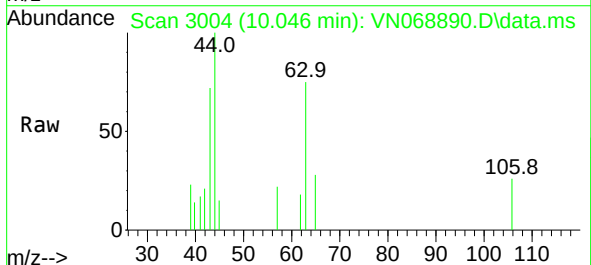
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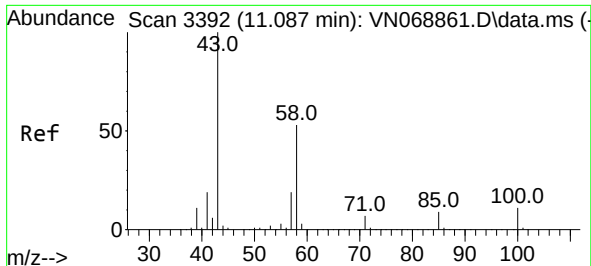
Tgt Ion: 98 Resp: 822756
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#58
2-Chloroethyl Vinyl ether
Concen: 19.381 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.003 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

Tgt Ion: 63 Resp: 1497
Ion Ratio Lower Upper
63 100
106 30.5 22.2 33.2

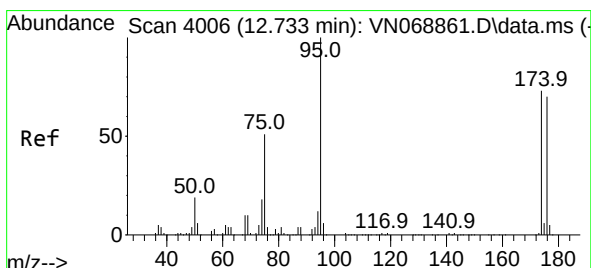
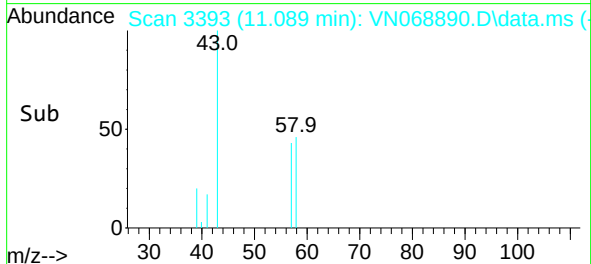
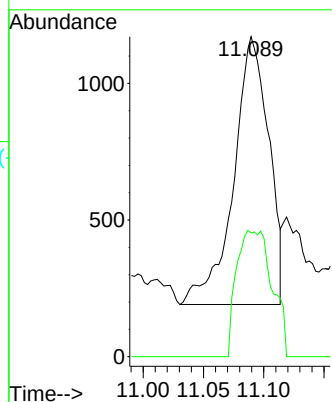
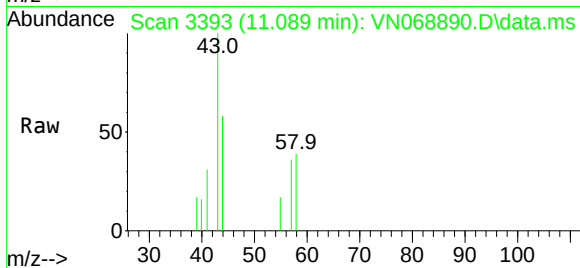




#59
2-Hexanone
Concen: 0.450 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

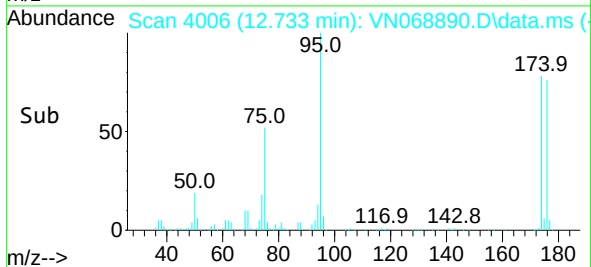
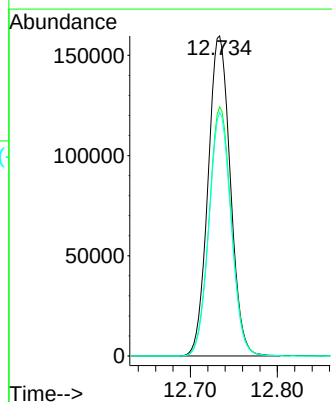
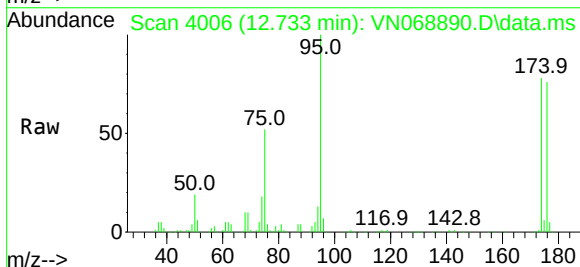
Instrument :
MSVOA_N
ClientSampled :
VN1013WBL01

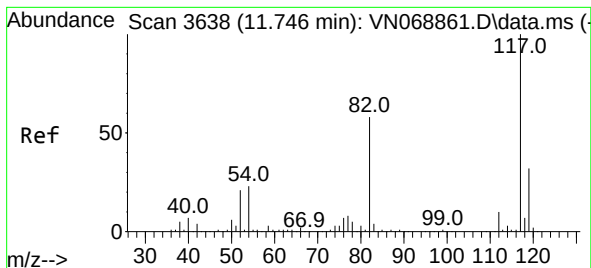
Tgt Ion: 43 Resp: 1989
Ion Ratio Lower Upper
43 100
58 47.3 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 47.504 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

Tgt Ion: 95 Resp: 284639
Ion Ratio Lower Upper
95 100
174 78.0 0.0 144.8
176 75.6 0.0 140.0

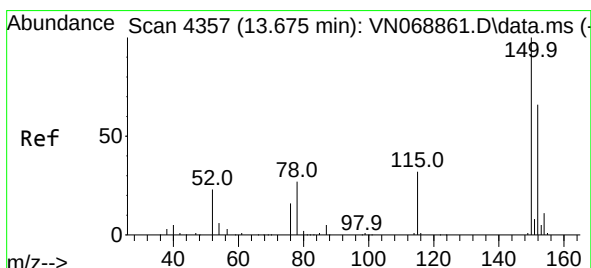
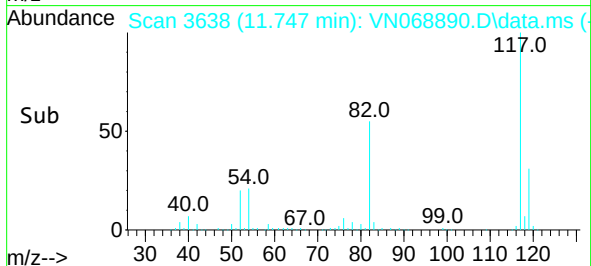
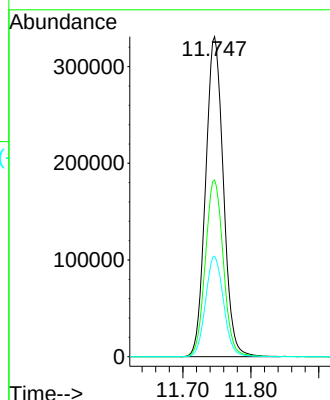
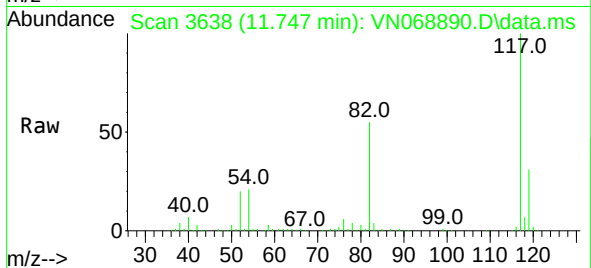




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

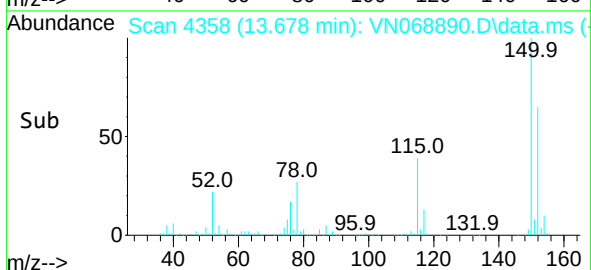
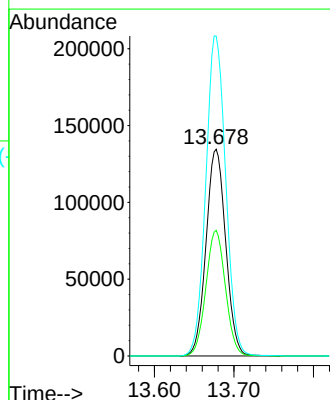
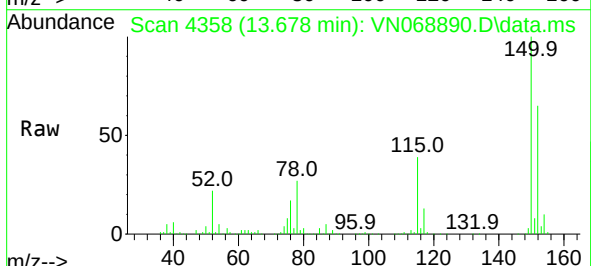
Instrument :
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ClientSampleId :
VN1013WBL01

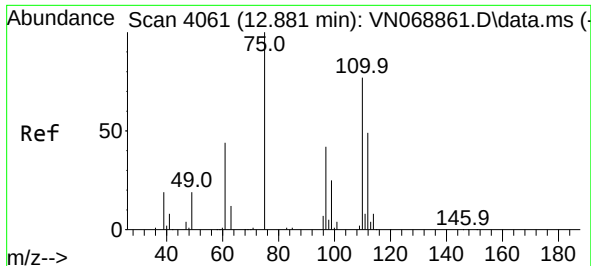
Tgt Ion:117 Resp: 601755
Ion Ratio Lower Upper
117 100
82 55.2 46.4 69.6
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

Tgt Ion:152 Resp: 231623
Ion Ratio Lower Upper
152 100
115 60.2 31.4 94.3
150 156.7 0.0 351.0

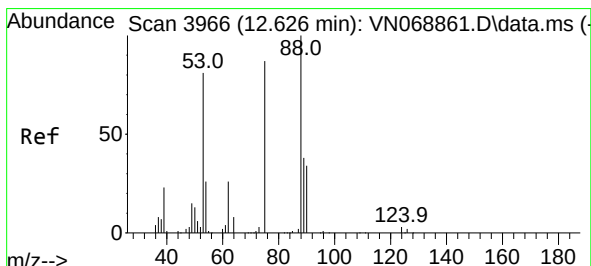
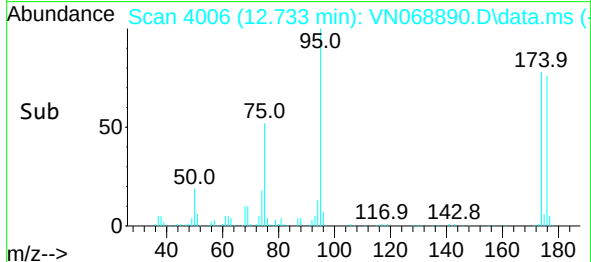
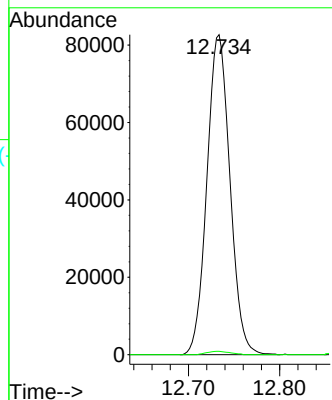
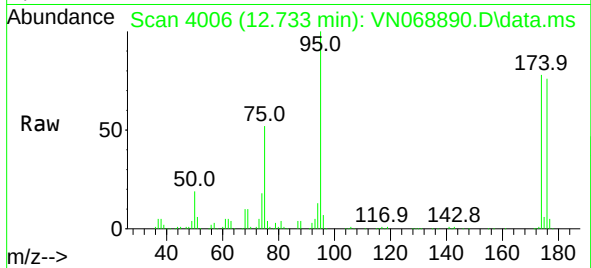




#76
1,2,3-Trichloropropane
Concen: 29.446 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

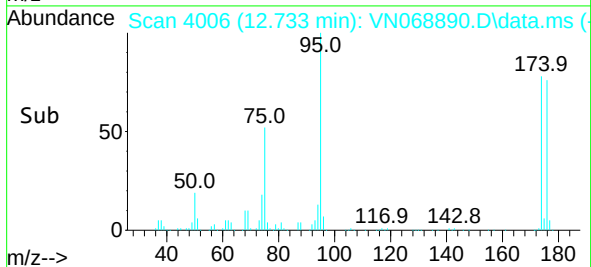
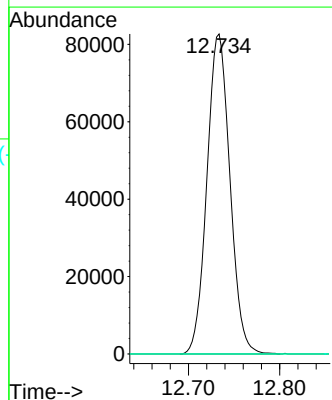
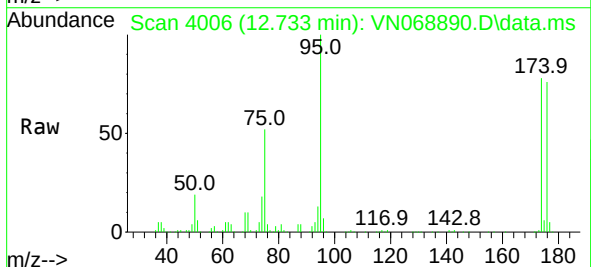
Instrument :
MSVOA_N
ClientSampled :
VN1013WBL01

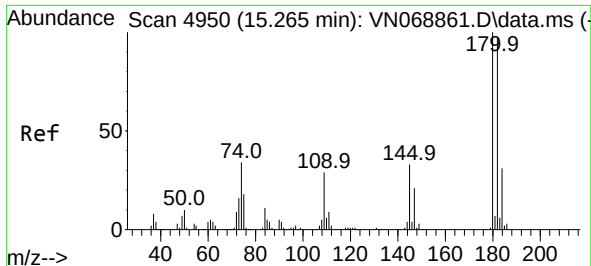
Tgt Ion: 75 Resp: 145116
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.447 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

Tgt Ion: 75 Resp: 145116
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

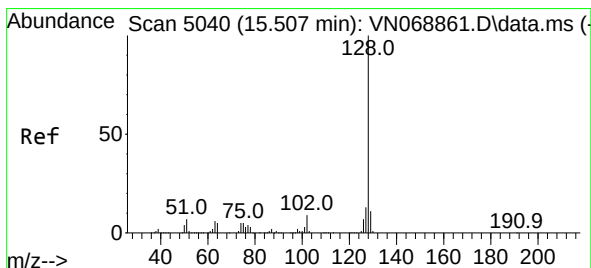
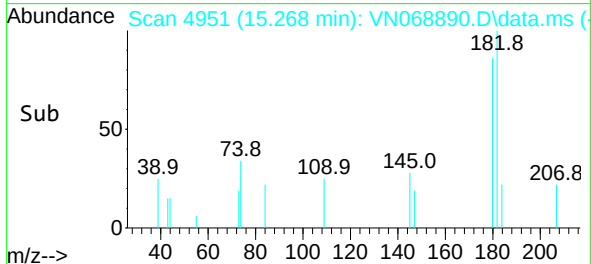
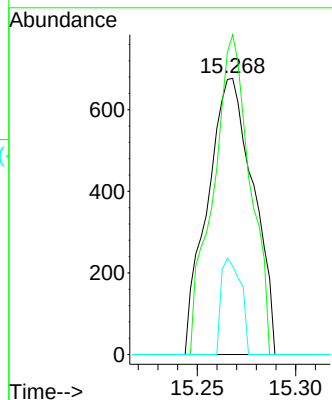
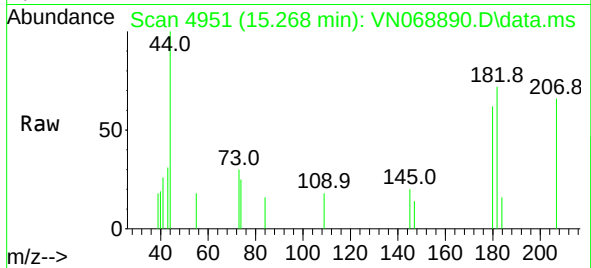




#93
1,2,4-Trichlorobenzene
Concen: 2.868 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

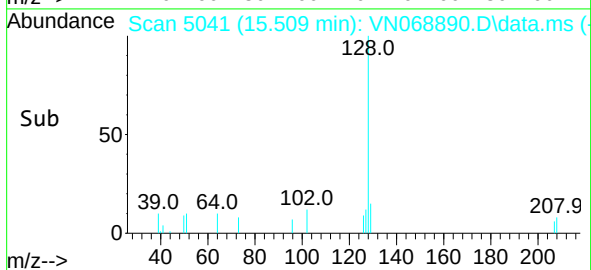
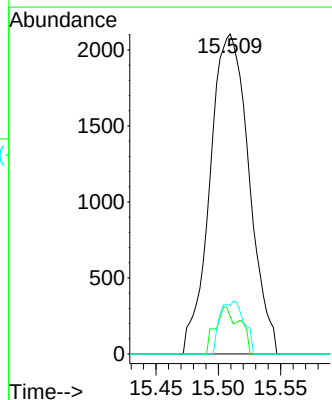
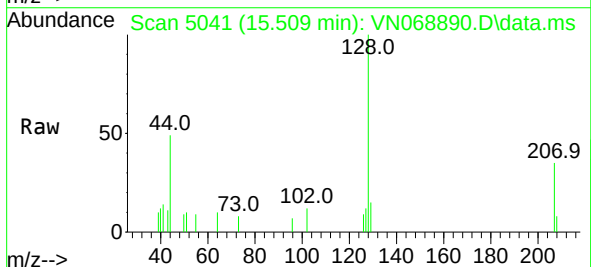
Instrument :
MSVOA_N
ClientSampled :
VN1013WBL01

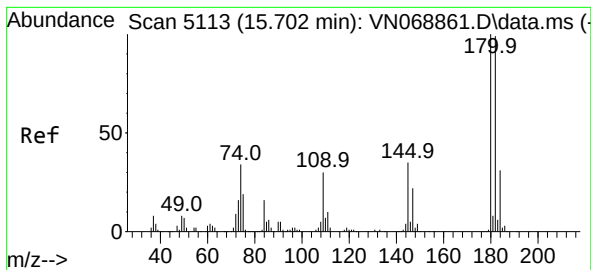
Tgt Ion:180 Resp: 1095
Ion Ratio Lower Upper
180 100
182 93.5 47.9 143.7
145 14.9 16.4 49.2#



#95
Naphthalene
Concen: 4.205 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068890.D
Acq: 13 Oct 2021 11:45

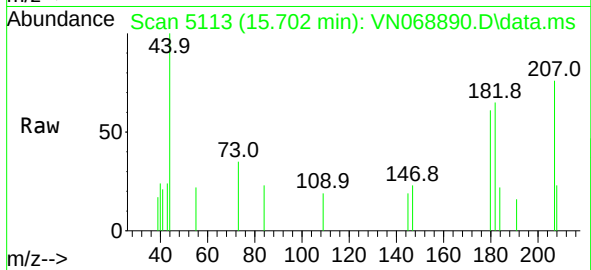
Tgt Ion:128 Resp: 4573
Ion Ratio Lower Upper
128 100
127 9.1 10.5 15.7#
129 10.3 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.816 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN068890.D
 Acq: 13 Oct 2021 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013WBL01



Tgt Ion:180 Resp: 1178
 Ion Ratio Lower Upper
 180 100
 182 103.0 48.1 144.3
 145 15.1 17.4 52.2#

