

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068790.D
 Acq On : 1 Oct 2021 18:08
 Operator : JC/MD
 Sample : M3915-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D1-20210922

Quant Time: Oct 02 04:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

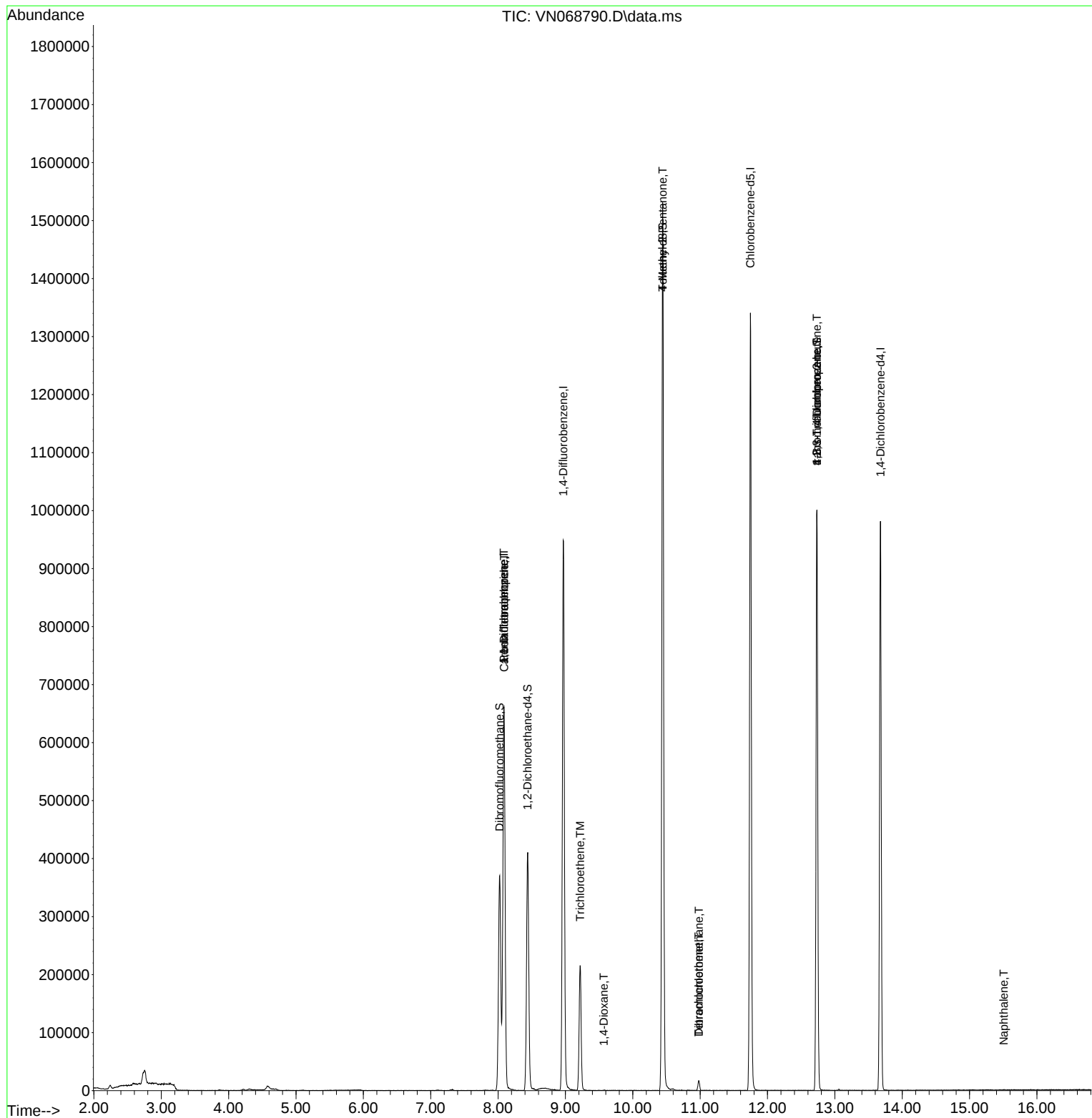
Internal Standards						
1) Pentafluorobenzene	8.088	168	474473	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	829681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	742138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	246776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	336868	50.956	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 101.920%		
35) Dibromofluoromethane	8.024	113	261692	50.765	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 101.520%		
50) Toluene-d8	10.443	98	1045848	55.520	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 111.040%		
62) 4-Bromofluorobenzene	12.733	95	318029	48.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 97.180%		
Target Compounds						
						Qvalue
3) Chloromethane	2.303	50	743	Below Cal	#	43
5) Bromomethane	2.866	94	1392	Below Cal	#	32
6) Chloroethane	3.068	64	133	Below Cal	#	34
16) Acetone	4.288	43	694	Below Cal		95
17) Carbon Disulfide	4.529	76	52	Below Cal	#	74
31) Cyclohexane	8.086	56	13712	Below Cal	#	31
36) 1,1-Dichloropropene	8.086	75	41516	5.320	ug/l #	53
38) Carbon Tetrachloride	8.091	117	53046	5.723	ug/l #	16
44) Trichloroethene	9.217	130	73760	11.630	ug/l	88
49) 1,4-Dioxane	9.571	88	758	8.206	ug/l #	20
51) 4-Methyl-2-Pentanone	10.443	43	5390	0.654	ug/l #	1
60) Dibromochloromethane	10.982	129	3507	0.494	ug/l #	11
64) Tetrachloroethene	10.979	164	3307	0.597	ug/l #	85
76) 1,2,3-Trichloropropane	12.733	75	187328	34.134	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	187328	99.227	ug/l #	6
95) Naphthalene	15.507	128	314	1.473	ug/l #	69

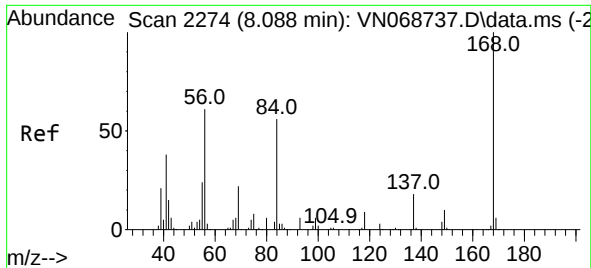
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 02 04:01:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 29 23:31:35 2021
Response via : Initial Calibration

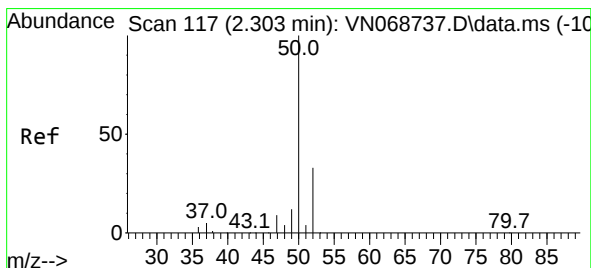
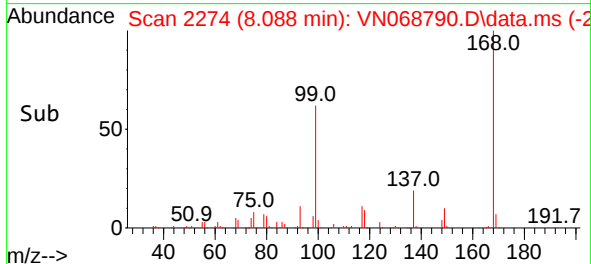
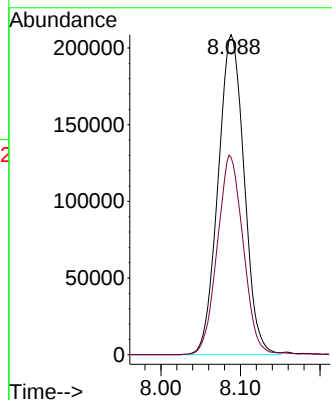
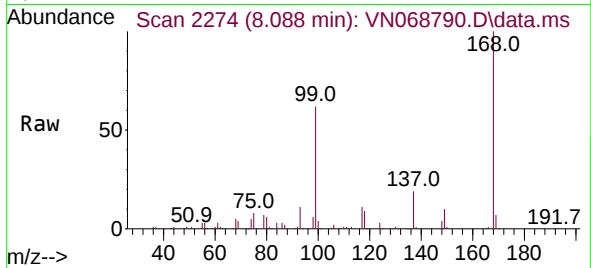




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

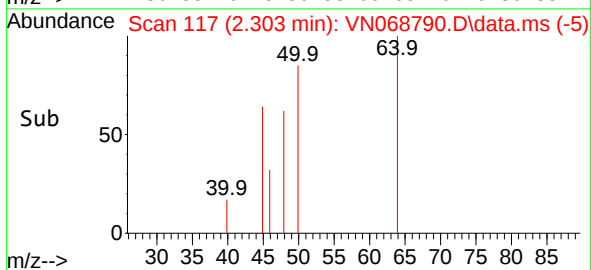
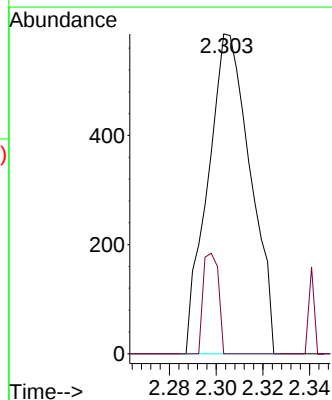
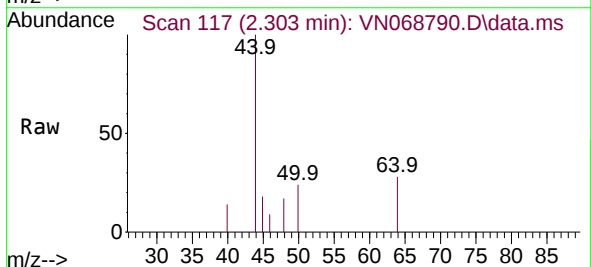
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MSVOA_N
ClientSampleId :
RE109D1-20210922

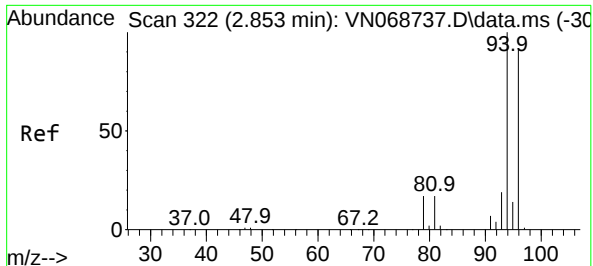
Tgt Ion:168 Resp: 474473
Ion Ratio Lower Upper
168 100
99 61.6 62.9 94.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion: 50 Resp: 743
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

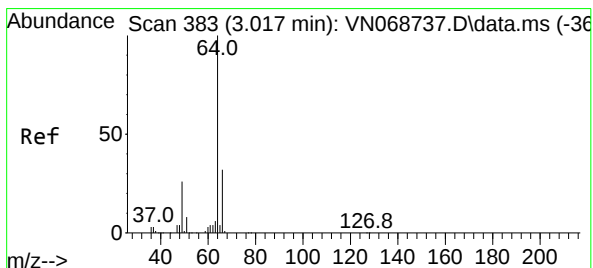
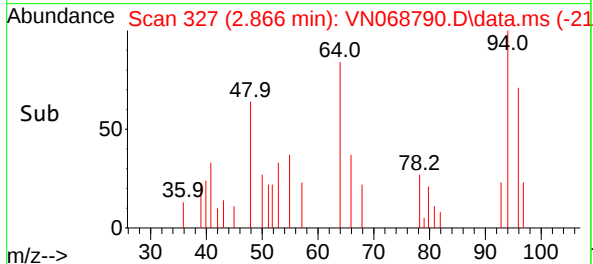
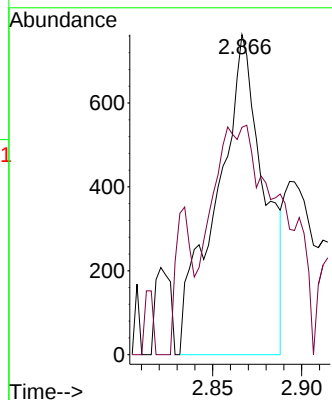
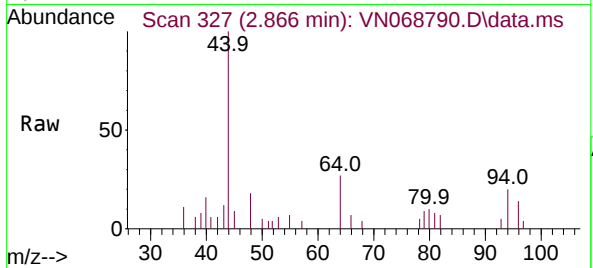




#5
Bromomethane
Concen: Below Cal
RT: 2.866 min Scan# 327
Delta R.T. 0.013 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

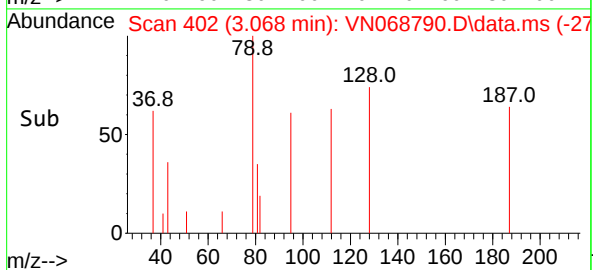
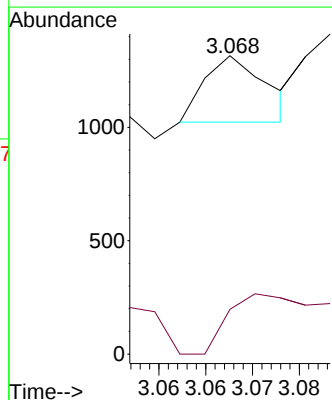
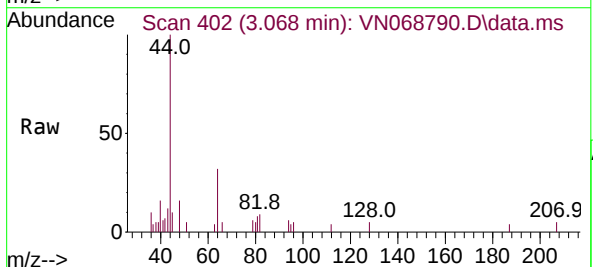
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MSVOA_N
ClientSampleId :
RE109D1-20210922

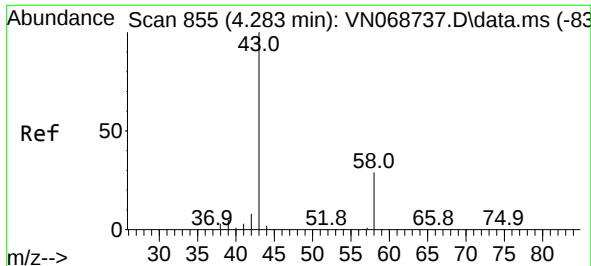
Tgt Ion: 94 Resp: 1392
Ion Ratio Lower Upper
94 100
96 26.9 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.068 min Scan# 402
Delta R.T. 0.051 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 67.2 24.7 37.1#

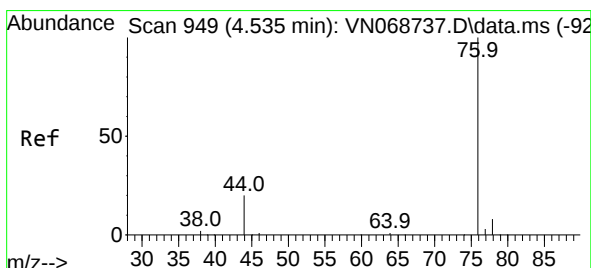
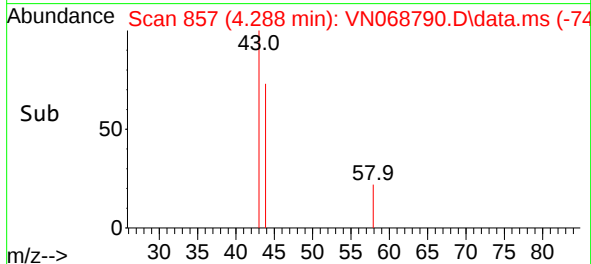
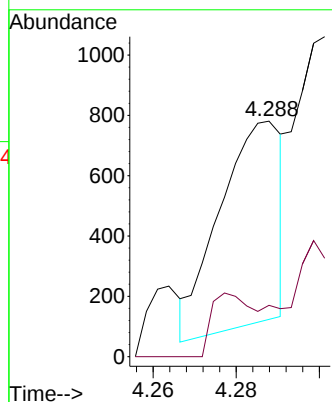
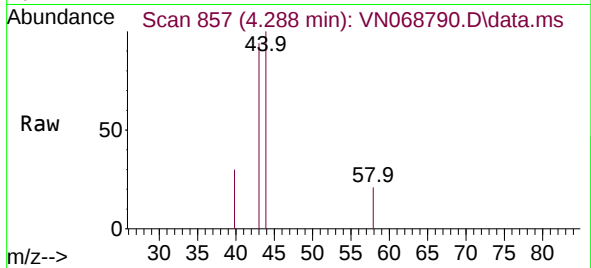




#16
Acetone
Concen: Below Cal
RT: 4.288 min Scan# 857
Delta R.T. 0.005 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

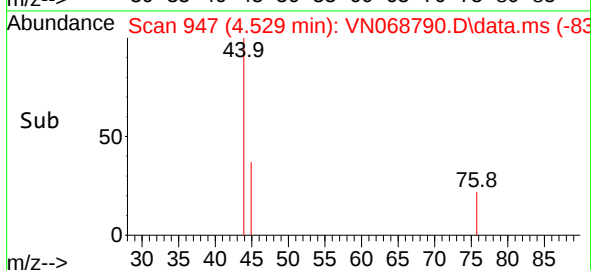
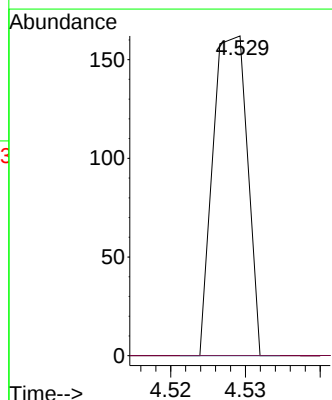
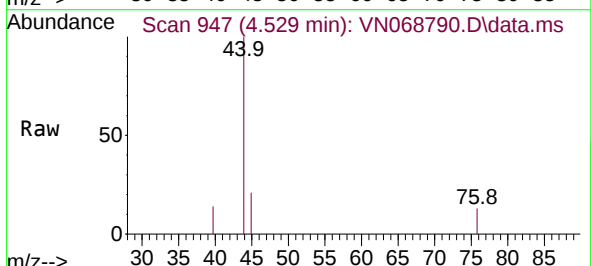
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20210922

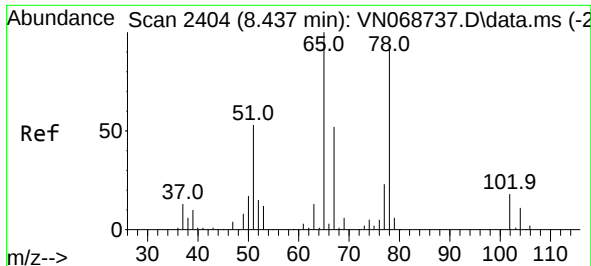
Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
58 28.9 21.2 31.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.529 min Scan# 947
Delta R.T. -0.006 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion: 76 Resp: 52
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



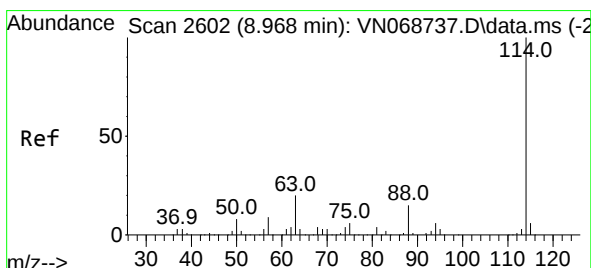
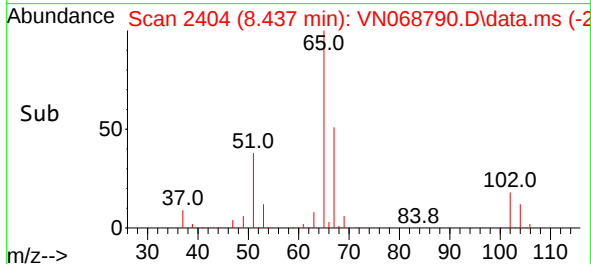
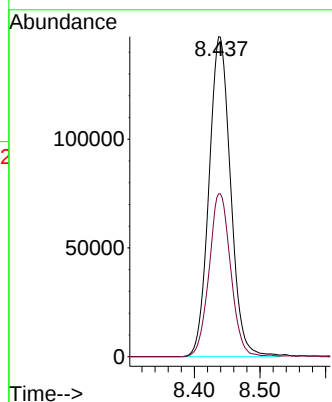
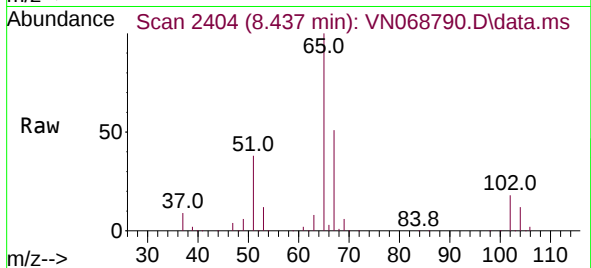


#33

1,2-Dichloroethane-d4
Concen: 50.956 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20210922

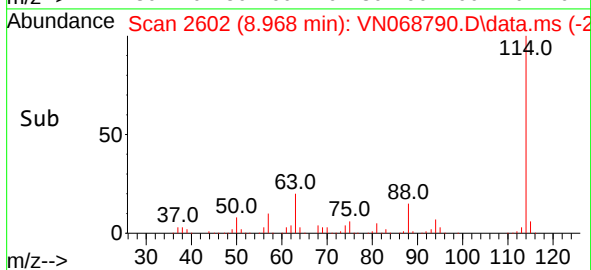
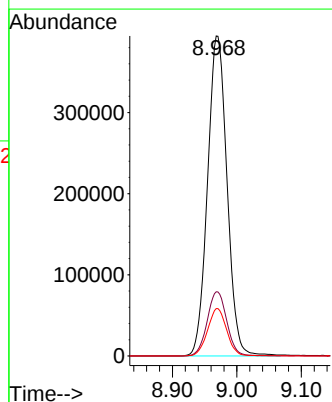
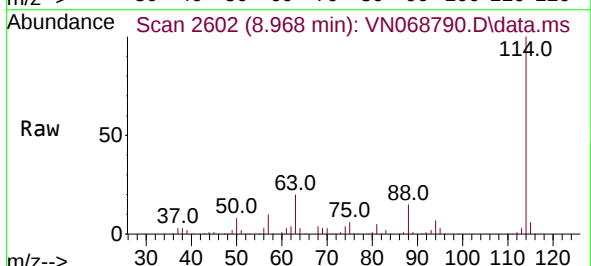
Tgt Ion: 65 Resp: 336868
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6

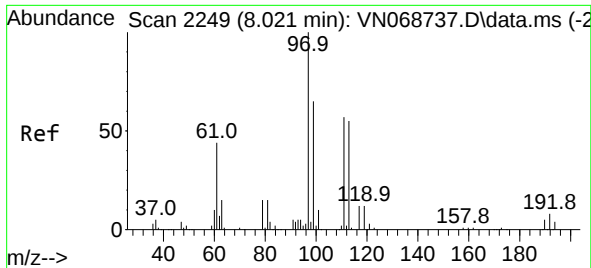


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion: 114 Resp: 829681
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 14.8 0.0 36.6

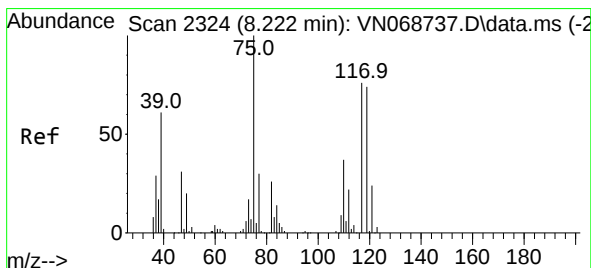
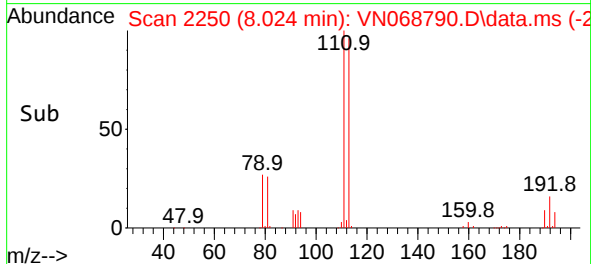
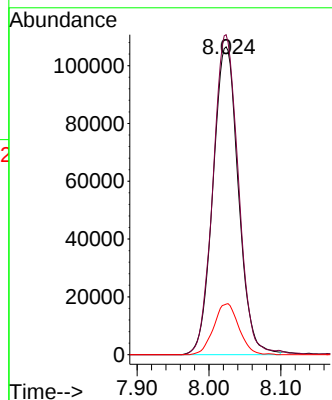
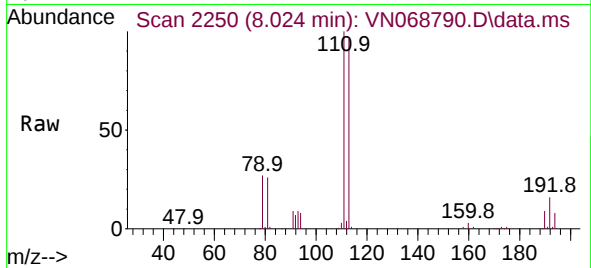




#35
Dibromofluoromethane
Concen: 50.765 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

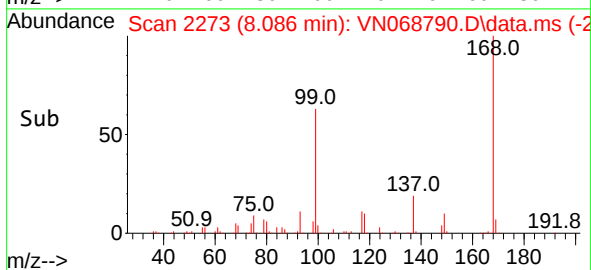
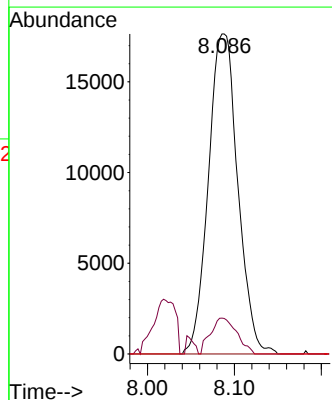
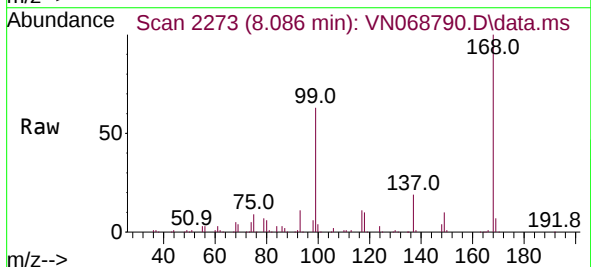
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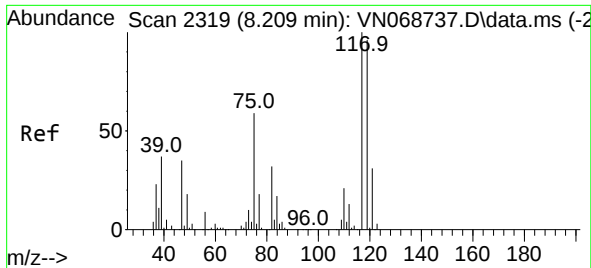
Tgt Ion:113 Resp: 261692
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 16.3 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.320 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion: 75 Resp: 41516
Ion Ratio Lower Upper
75 100
110 10.0 15.7 47.0#
77 0.0 24.6 37.0#

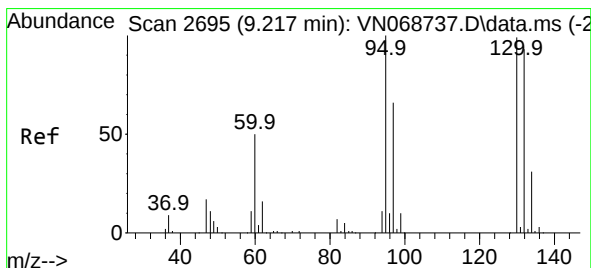
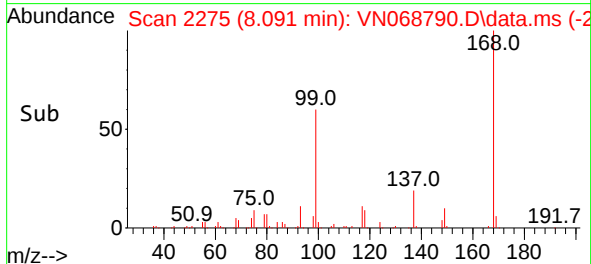
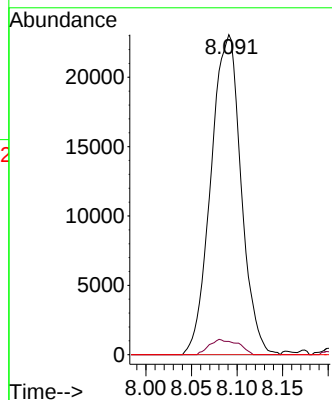
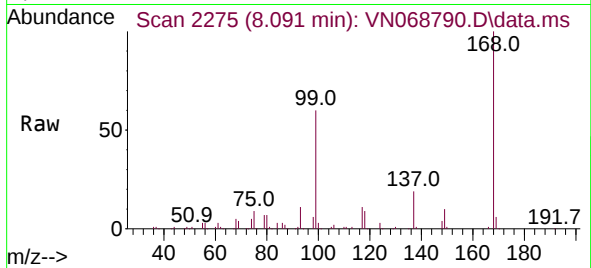




#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

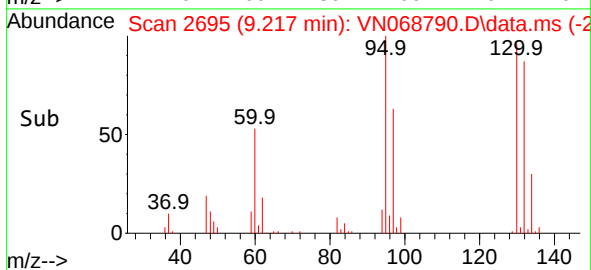
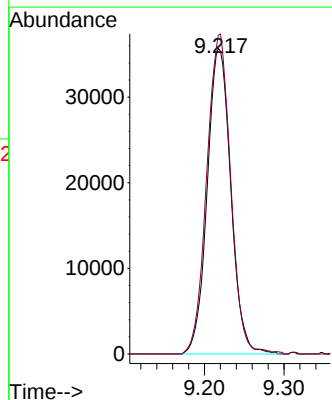
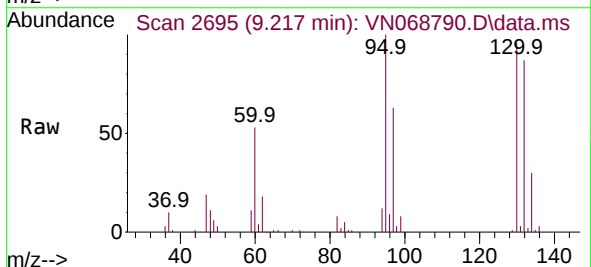
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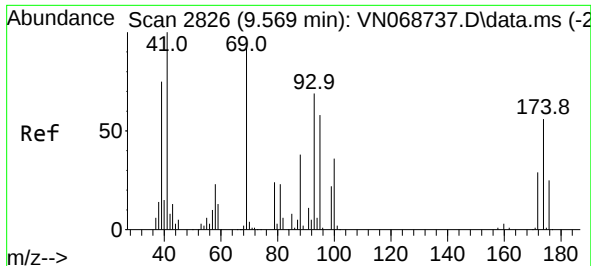
Tgt Ion:117 Resp: 53046
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.2#
121 0.0 23.5 35.3#



#44
Trichloroethene
Concen: 11.630 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion:130 Resp: 73760
Ion Ratio Lower Upper
130 100
95 104.3 0.0 234.4

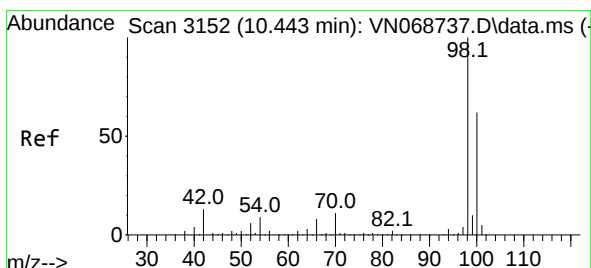
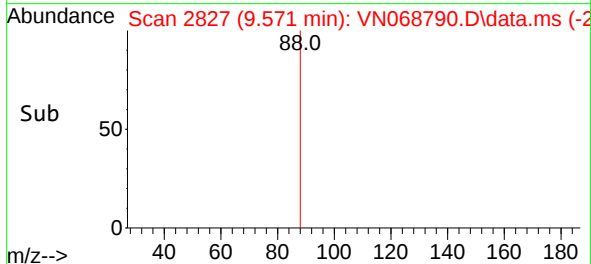
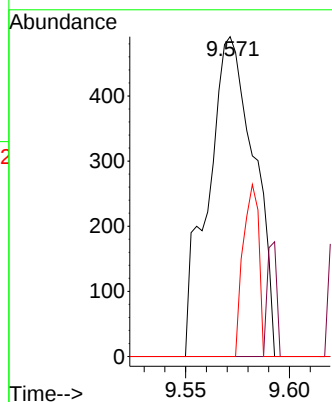
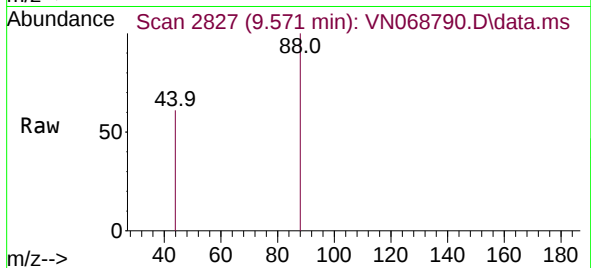




#49
1,4-Dioxane
Concen: 8.206 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

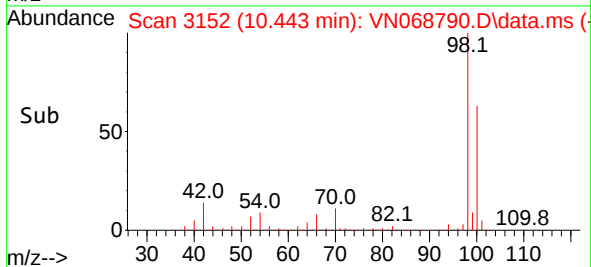
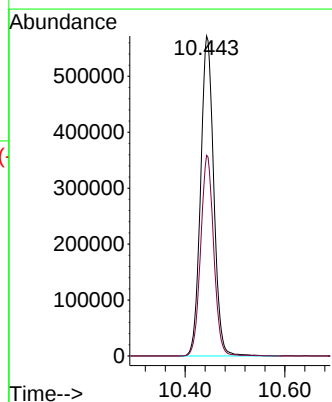
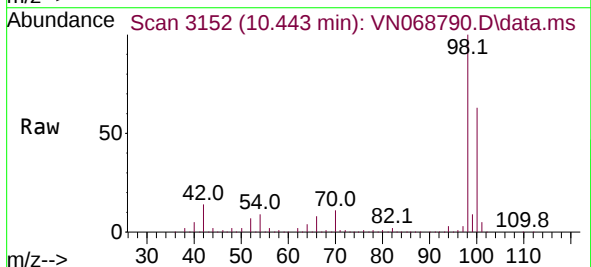
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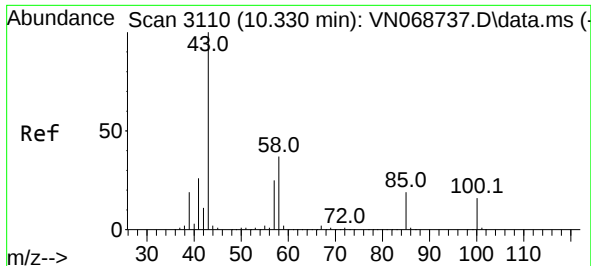
Tgt Ion: 88 Resp: 758
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 60.4 90.6#



#50
Toluene-d8
Concen: 55.520 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion: 98 Resp: 1045848
Ion Ratio Lower Upper
98 100
100 62.5 51.7 77.5

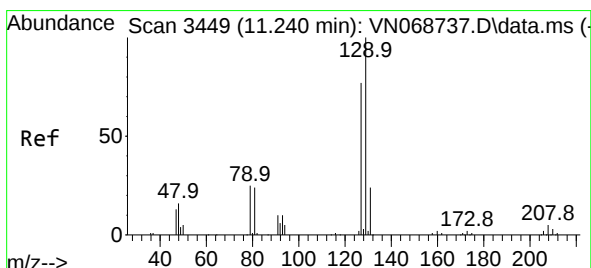
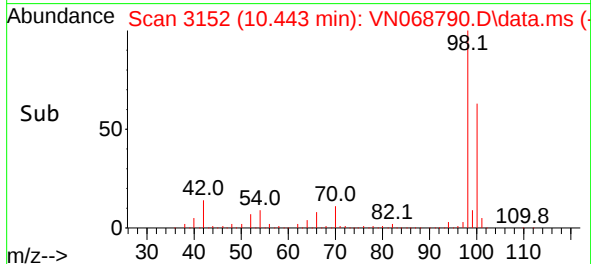
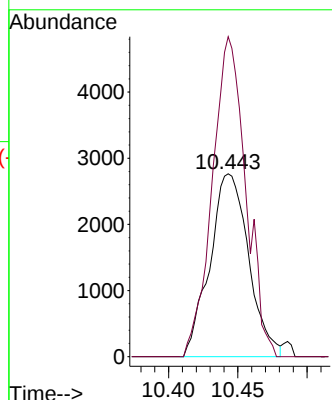
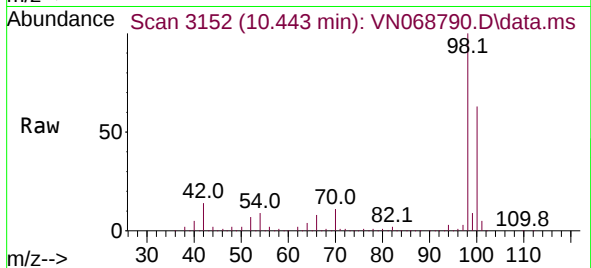




#51
4-Methyl-2-Pentanone
Concen: 0.654 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

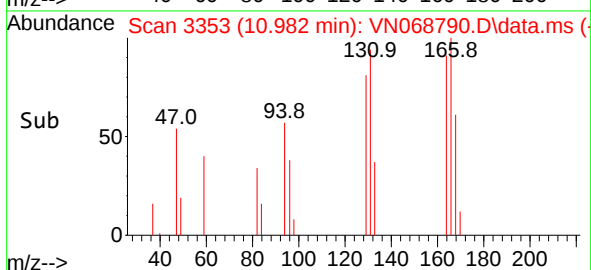
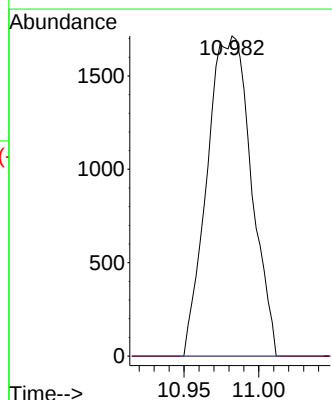
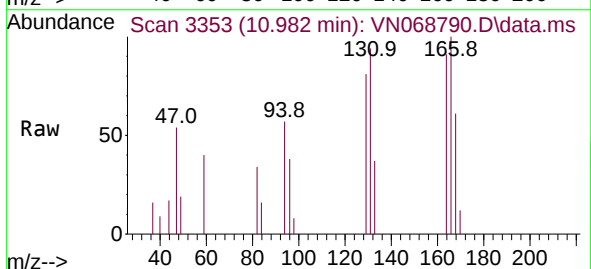
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20210922

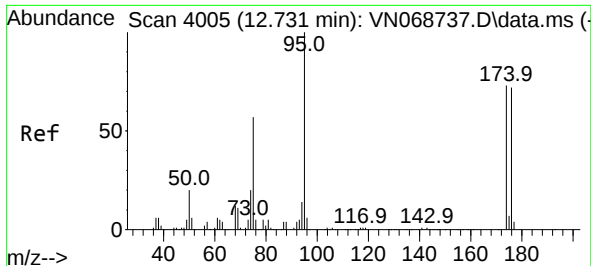
Tgt Ion: 43 Resp: 5390
Ion Ratio Lower Upper
43 100
58 151.5 28.6 43.0#



#60
Dibromochloromethane
Concen: 0.494 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion: 129 Resp: 3507
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

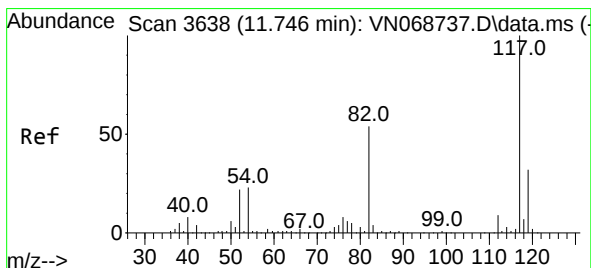
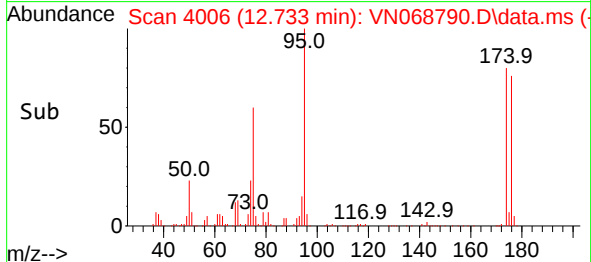
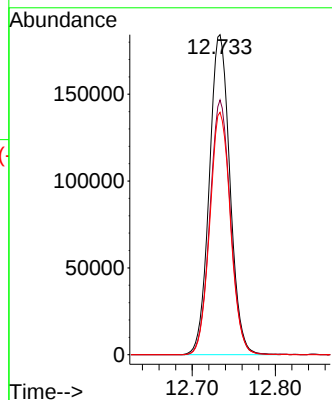
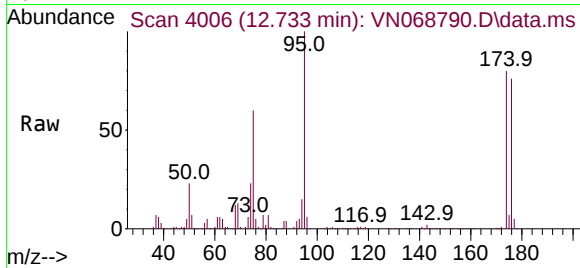




#62
4-Bromofluorobenzene
Concen: 48.587 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

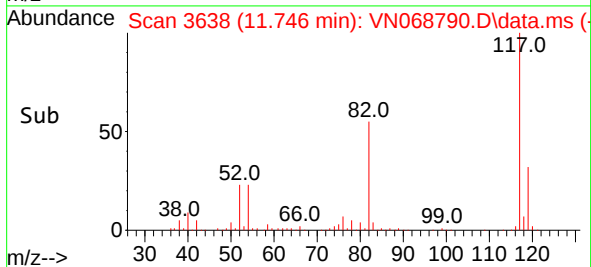
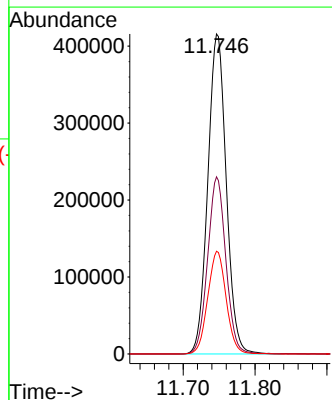
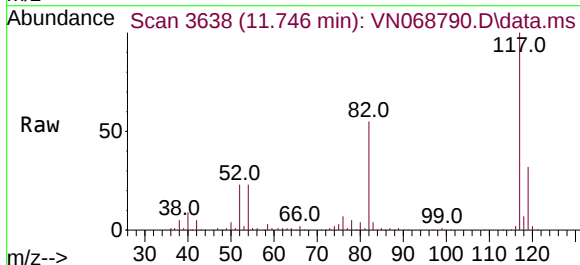
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20210922

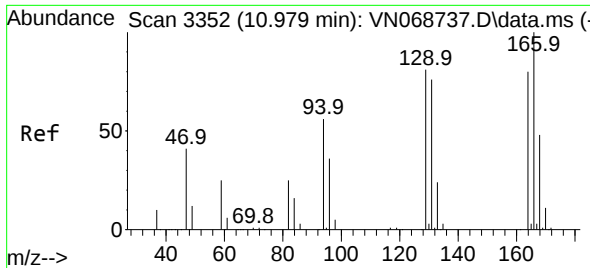
Tgt Ion: 95 Resp: 318029
Ion Ratio Lower Upper
95 100
174 79.4 0.0 122.0
176 76.0 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion: 117 Resp: 742138
Ion Ratio Lower Upper
117 100
82 55.4 53.1 79.7
119 32.1 25.5 38.3

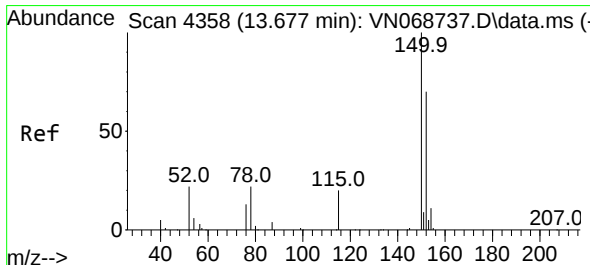
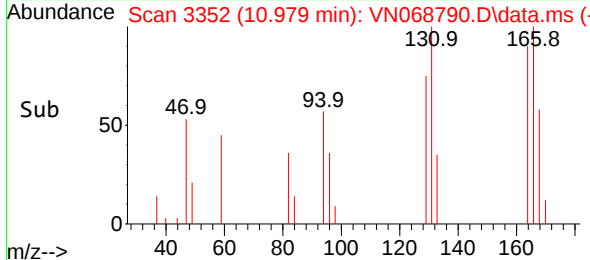
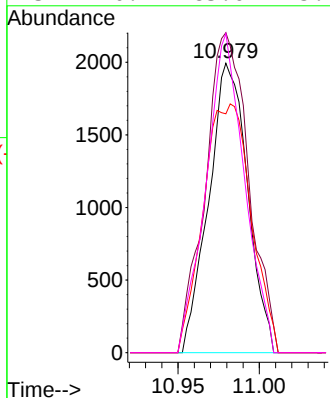
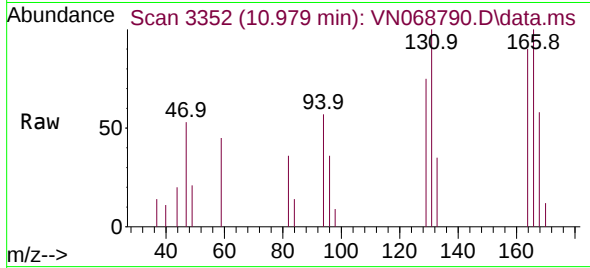




#64
Tetrachloroethene
Concen: 0.597 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

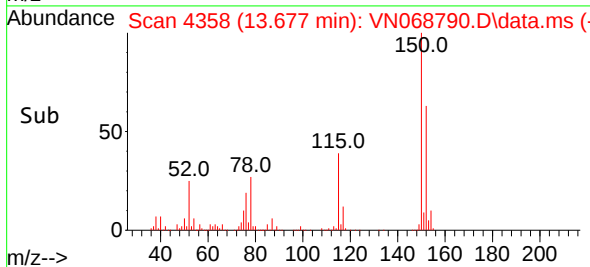
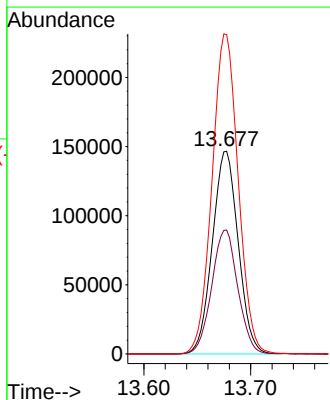
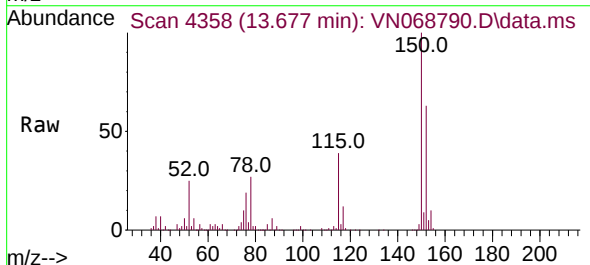
Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20210922

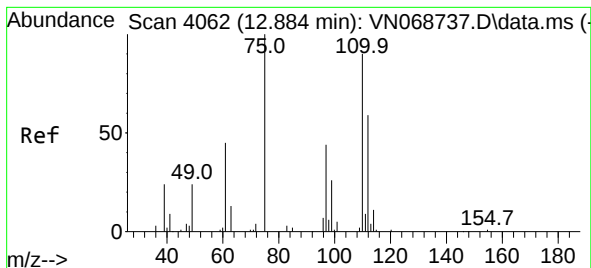
Tgt Ion:164 Resp: 3307
Ion Ratio Lower Upper
164 100
166 110.5 102.1 153.1
129 82.5 86.9 130.3#
131 110.2 83.6 125.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Tgt Ion:152 Resp: 246776
Ion Ratio Lower Upper
152 100
115 61.8 36.1 108.5
150 159.9 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 34.134 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. -0.151 min

Lab File: VN068790.D

Acq: 1 Oct 2021 18:08

Tgt Ion: 75 Resp: 187328

Ion Ratio Lower Upper

75 100

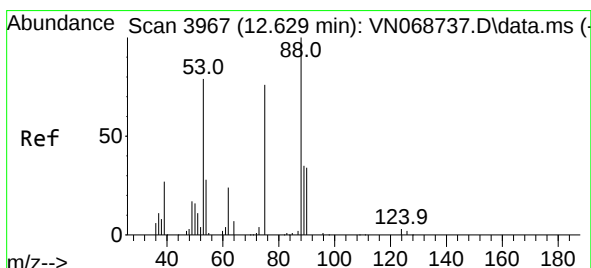
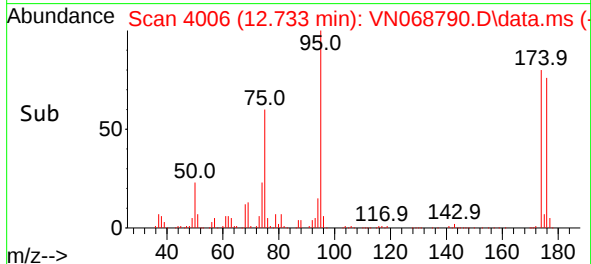
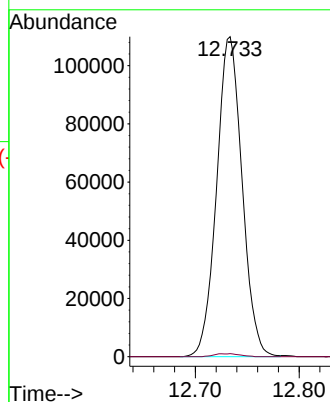
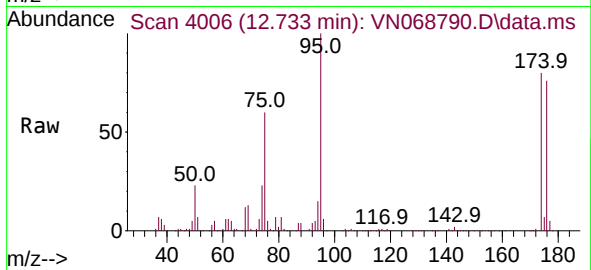
77 0.4 0.0 0.0#

Instrument :

MSVOA_N

ClientSampleId :

RE109D1-20210922



#81

trans-1,4-Dichloro-2-butene

Concen: 99.227 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. 0.104 min

Lab File: VN068790.D

Acq: 1 Oct 2021 18:08

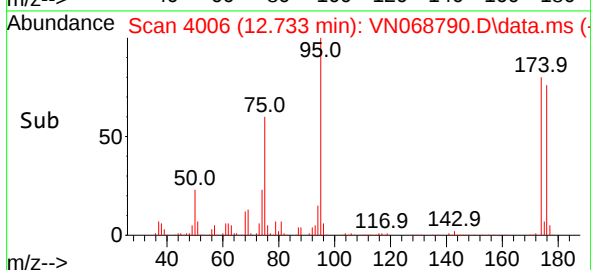
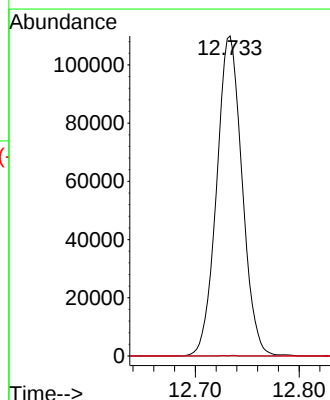
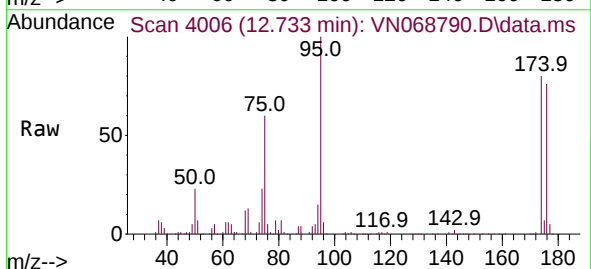
Tgt Ion: 75 Resp: 187328

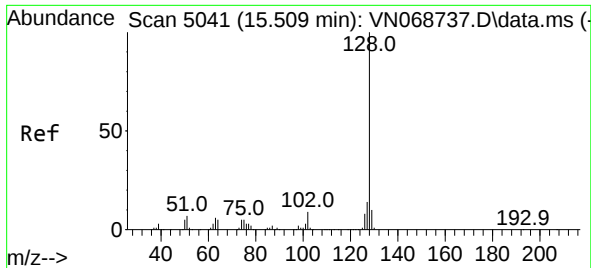
Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

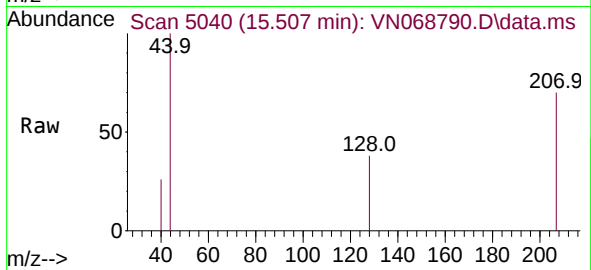
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.473 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068790.D
Acq: 1 Oct 2021 18:08

Instrument :
MSVOA_N
ClientSampleId :
RE109D1-20210922



Tgt Ion:	128	Resp:	314
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	12.8#

