

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093021\
 Data File : VN068770.D
 Acq On : 30 Sep 2021 18:20
 Operator : JC/MD
 Sample : M3915-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D1-20210921

Quant Time: Oct 01 04:49:03 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)

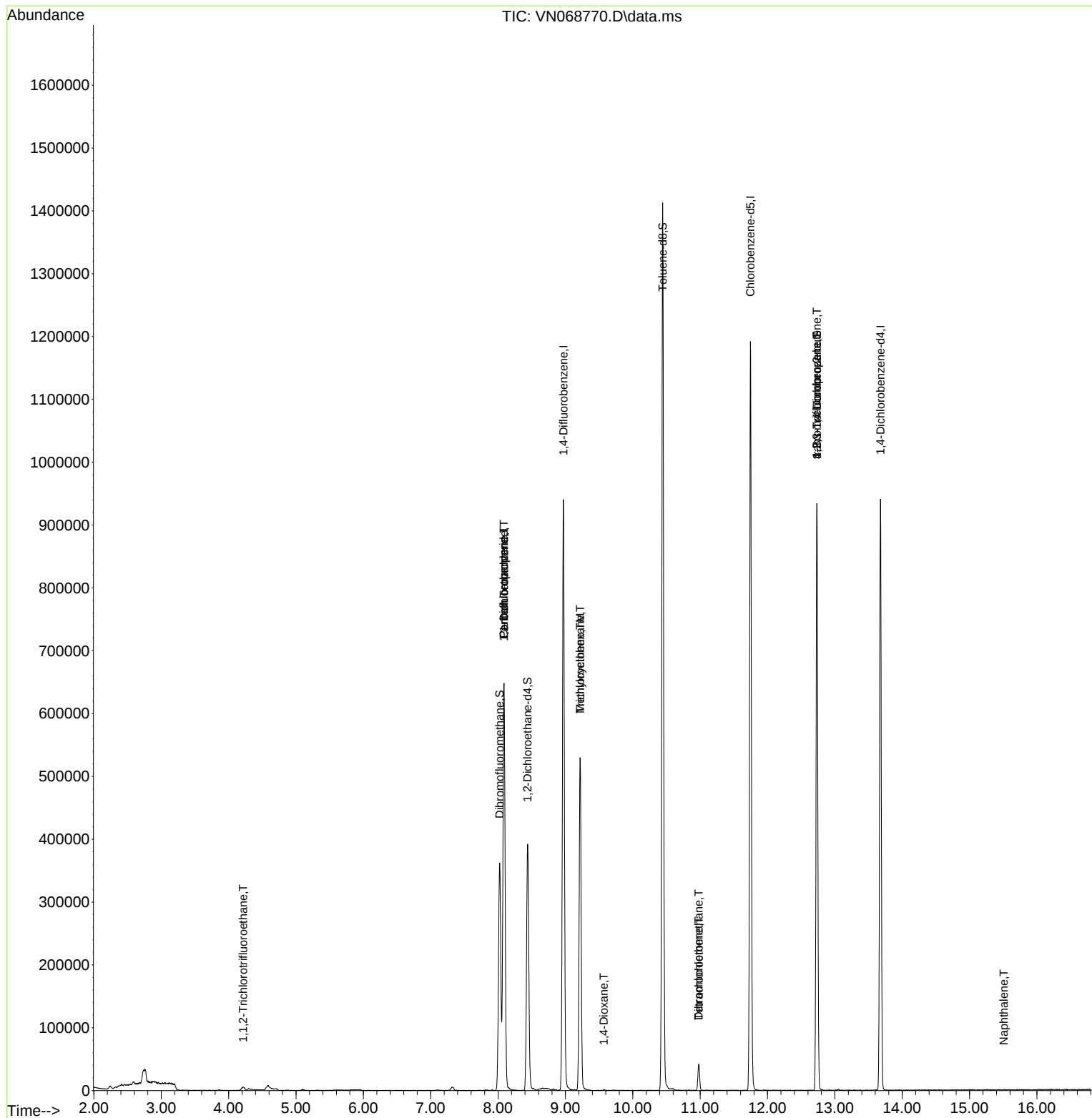
Internal Standards						
1) Pentafluorobenzene	8.088	168	461265	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	803712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	671070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	238570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	325991	50.723	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.440%			
35) Dibromofluoromethane	8.024	113	255370	51.139	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.280%			
50) Toluene-d8	10.443	98	969282	53.118	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.733	95	300210	47.347	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.700%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.309	50	1229	Below Cal	#	83
5) Bromomethane	2.856	94	835	Below Cal		87
6) Chloroethane	3.017	64	128	Below Cal	#	6
9) 1,1,2-Trichlorotrifluo...	4.213	101	3536	0.699	ug/l #	36
16) Acetone	4.296	43	2729	Below Cal	#	82
17) Carbon Disulfide	4.540	76	26	Below Cal	#	74
31) Cyclohexane	8.083	56	12729	Below Cal	#	43
36) 1,1-Dichloropropene	8.085	75	40602	5.371	ug/l #	53
38) Carbon Tetrachloride	8.088	117	51383	5.722	ug/l #	16
39) Methylcyclohexane	9.217	83	2522	0.288	ug/l #	1
44) Trichloroethene	9.217	130	182348	29.681	ug/l	89
49) 1,4-Dioxane	9.571	88	824	9.209	ug/l #	79
60) Dibromochloromethane	10.979	129	8746	1.272	ug/l #	11
64) Tetrachloroethene	10.977	164	8871	1.771	ug/l	92
76) 1,2,3-Trichloropropane	12.733	75	176828	33.329	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	176828	96.887	ug/l #	6
95) Naphthalene	15.507	128	948	1.529	ug/l #	69

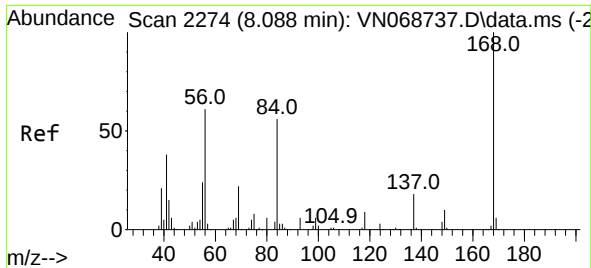
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

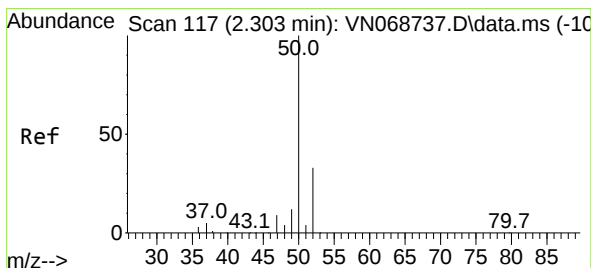
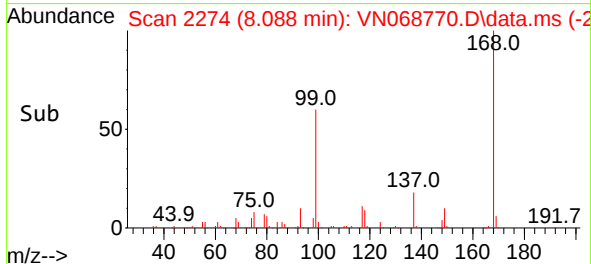
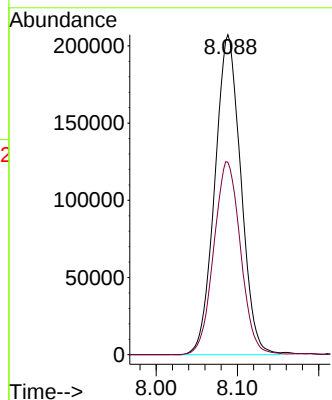
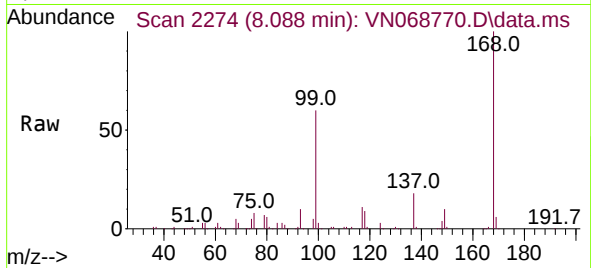




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

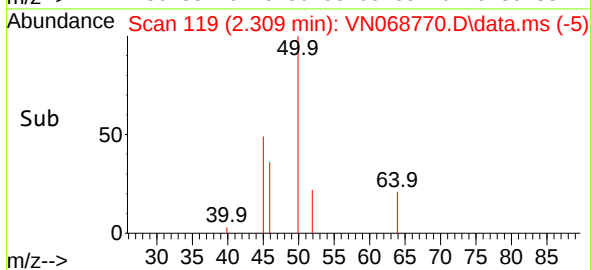
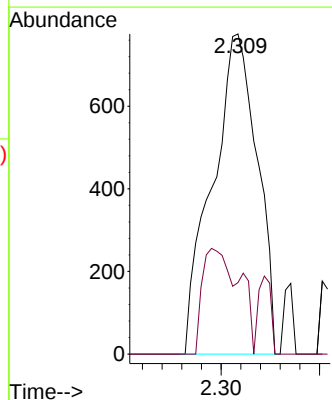
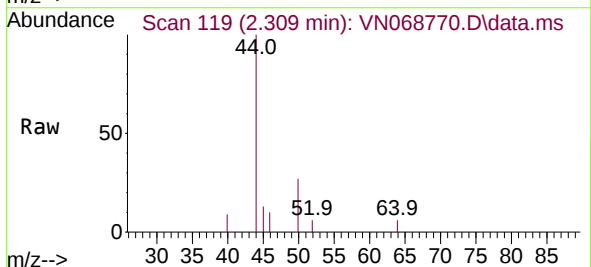
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

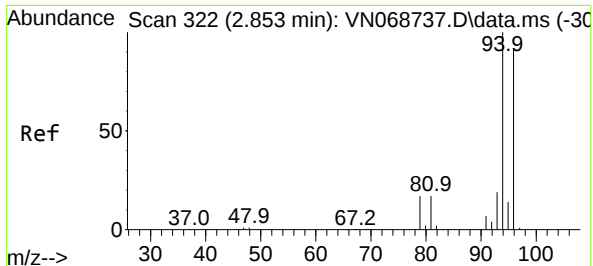
Tgt Ion:168 Resp: 461265
Ion Ratio Lower Upper
168 100
99 60.2 62.9 94.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 50 Resp: 1229
Ion Ratio Lower Upper
50 100
52 22.3 25.6 38.4#

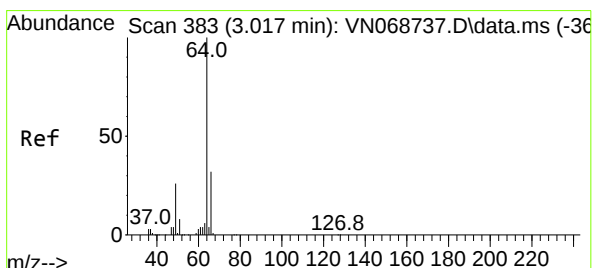
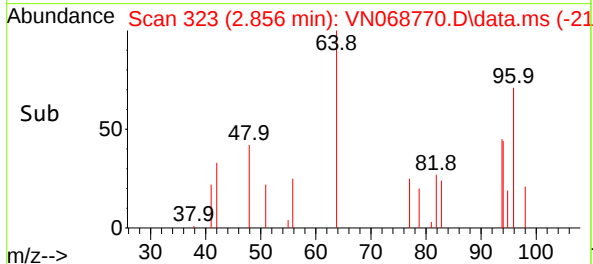
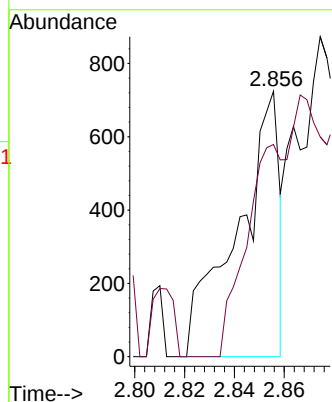
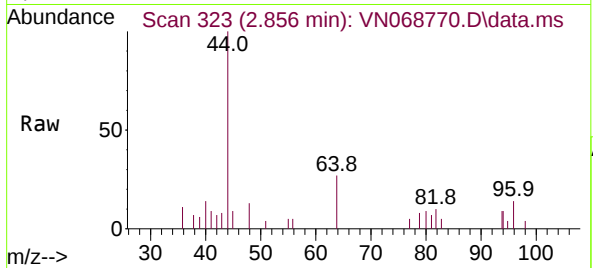




#5
Bromomethane
Concen: Below Cal
RT: 2.856 min Scan# 323
Delta R.T. 0.003 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

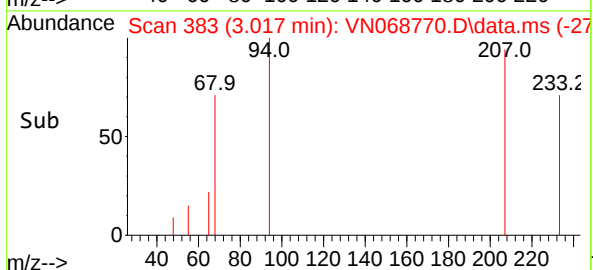
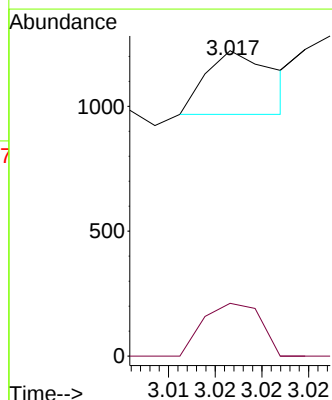
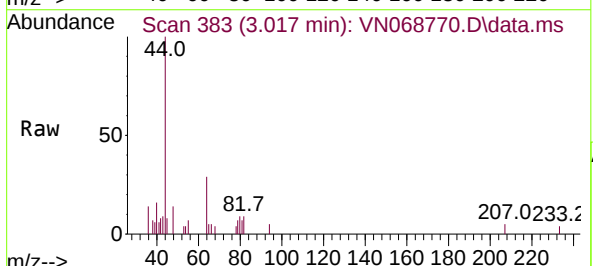
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

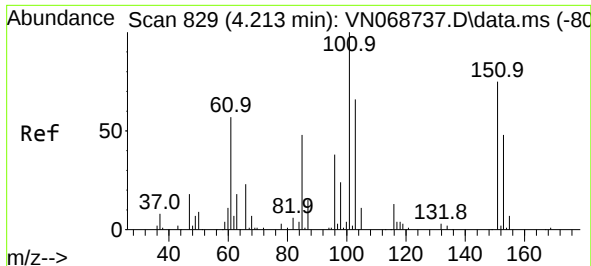
Tgt Ion: 94 Resp: 835
Ion Ratio Lower Upper
94 100
96 80.0 73.7 110.5



#6
Chloroethane
Concen: Below Cal
RT: 3.017 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 82.7 24.7 37.1#

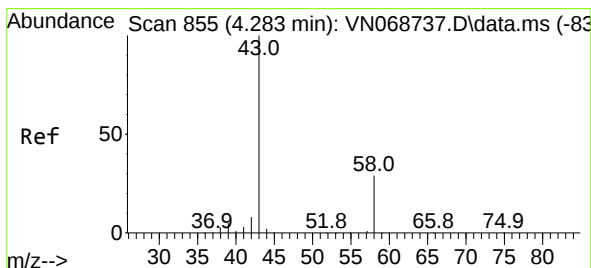
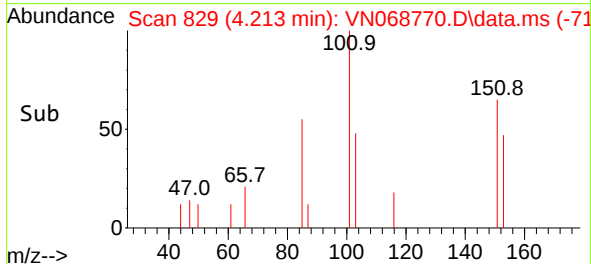
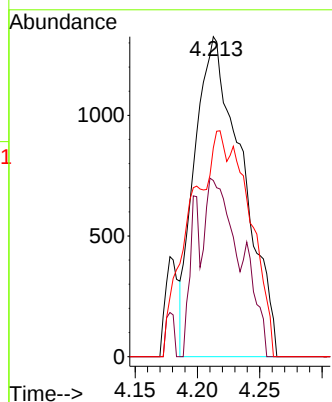
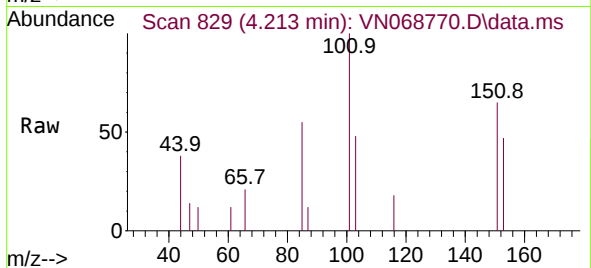




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.699 ug/l
RT: 4.213 min Scan# 829
Delta R.T. -0.000 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

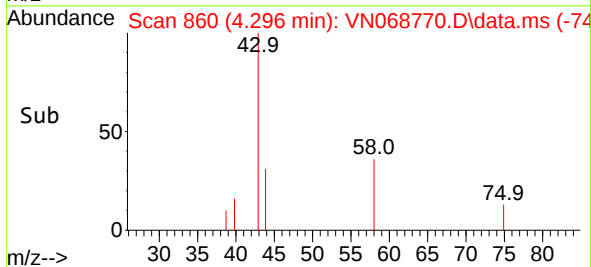
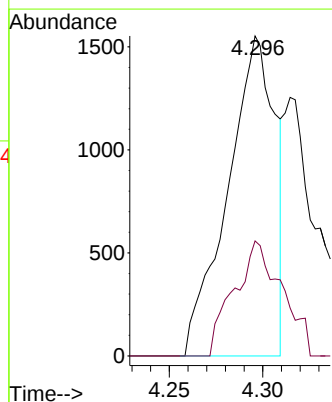
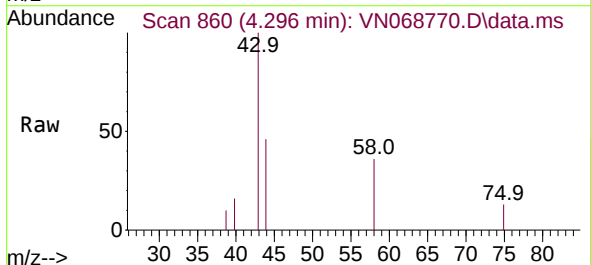
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

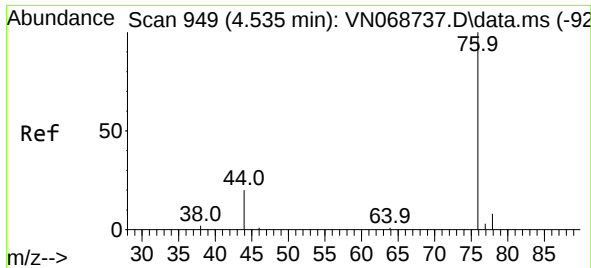
Tgt Ion:101 Resp: 3536
Ion Ratio Lower Upper
101 100
85 17.4 39.6 59.4#
151 6.3 54.1 81.1#



#16
Acetone
Concen: Below Cal
RT: 4.296 min Scan# 860
Delta R.T. 0.013 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 43 Resp: 2729
Ion Ratio Lower Upper
43 100
58 35.9 21.2 31.8#

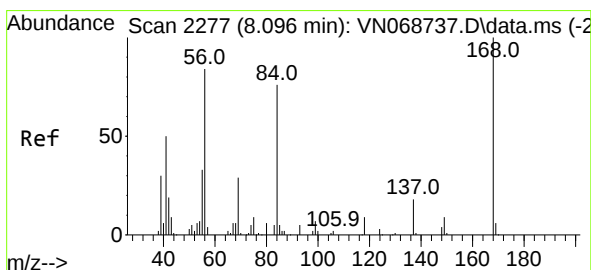
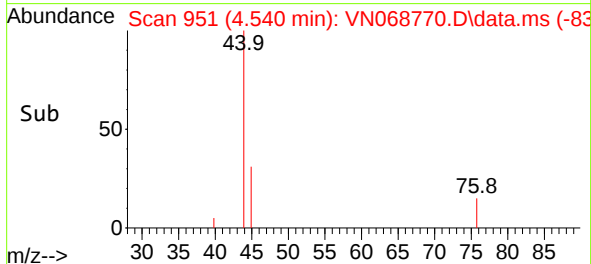
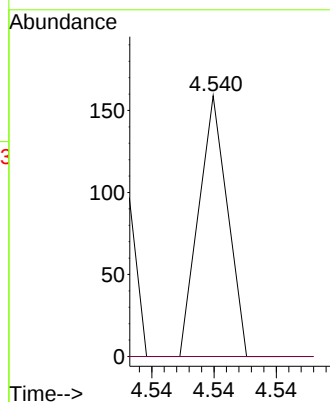
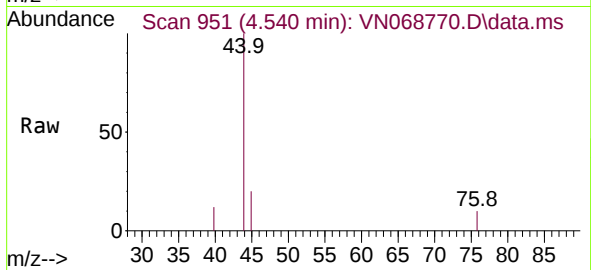




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.540 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

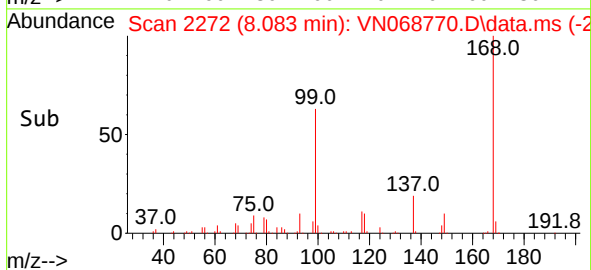
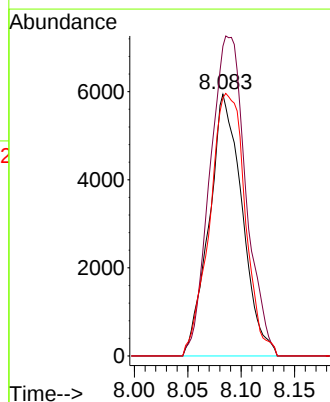
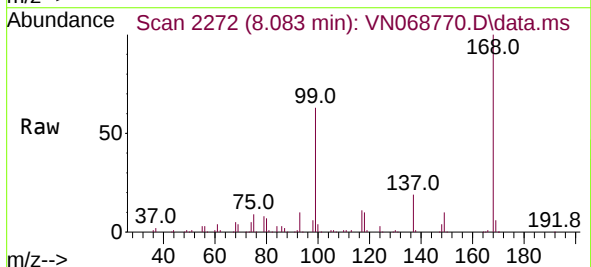
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

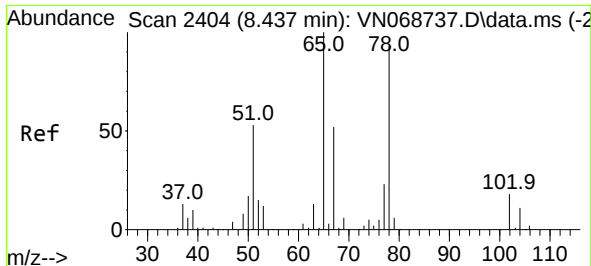
Tgt Ion: 76 Resp: 26
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#31
Cyclohexane
Concen: Below Cal
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 56 Resp: 12729
Ion Ratio Lower Upper
56 100
69 118.4 27.3 40.9#
84 98.7 64.9 97.3#



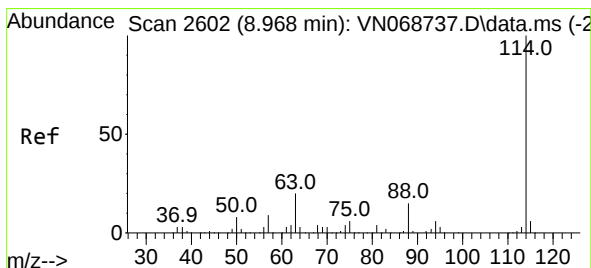
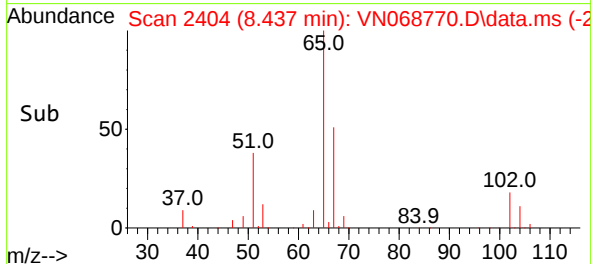
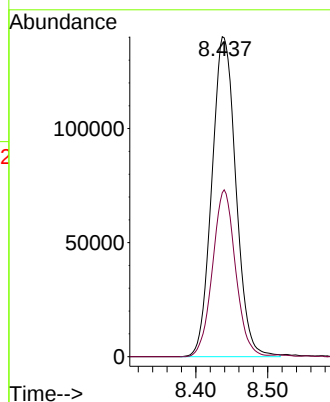
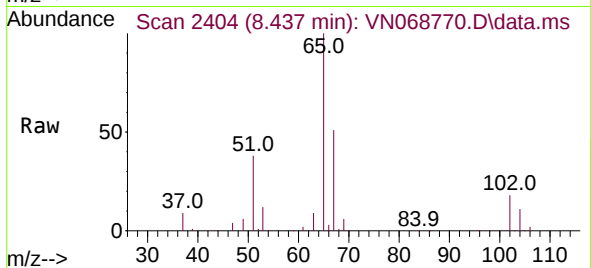


#33

1,2-Dichloroethane-d4
Concen: 50.723 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

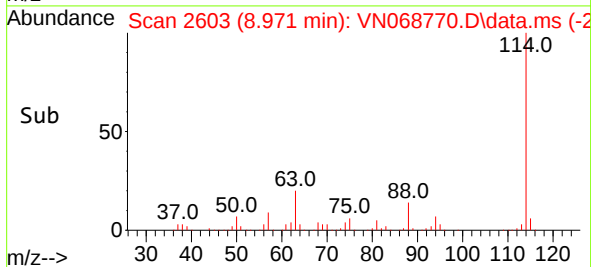
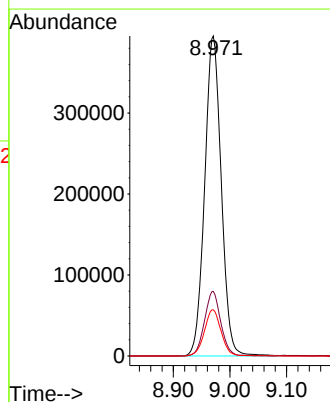
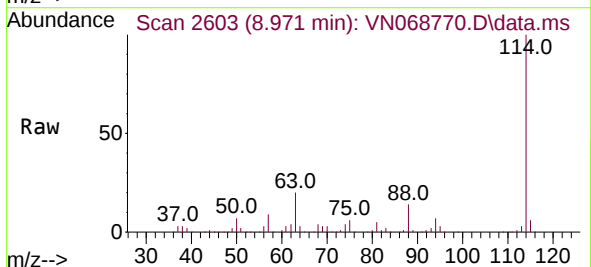
Tgt Ion: 65 Resp: 325991
Ion Ratio Lower Upper
65 100
67 49.9 0.0 98.6

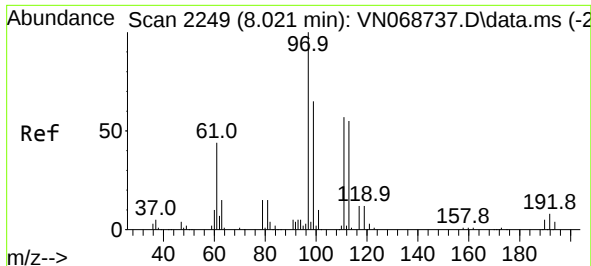


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 114 Resp: 803712
Ion Ratio Lower Upper
114 100
63 20.2 0.0 49.0
88 14.4 0.0 36.6

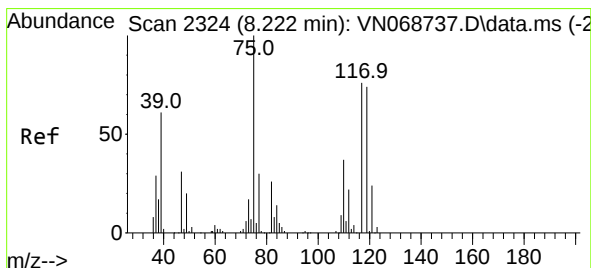
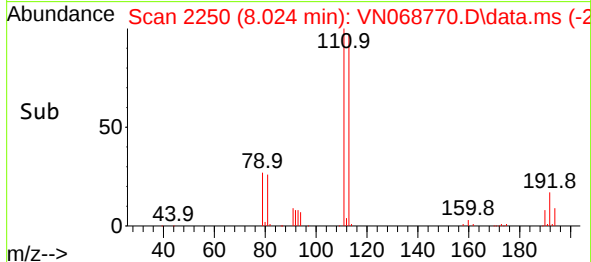
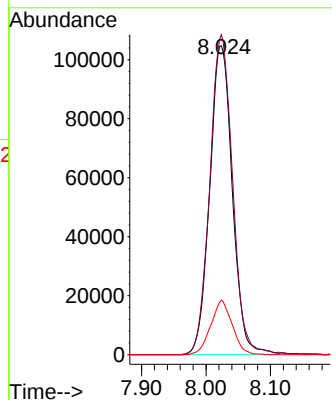
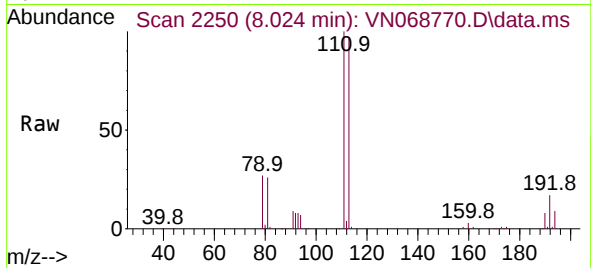




#35
Dibromofluoromethane
Concen: 51.139 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

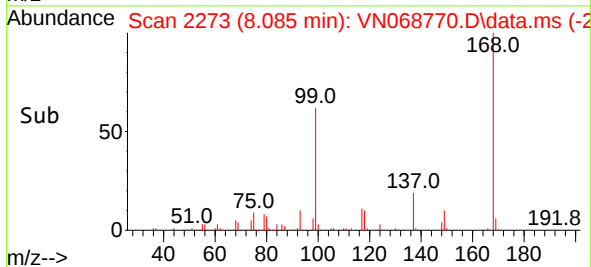
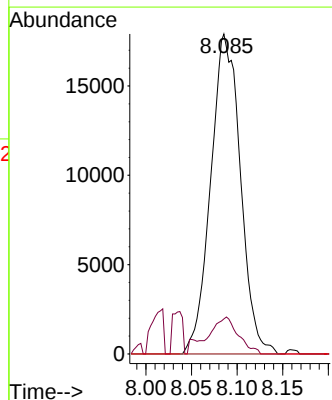
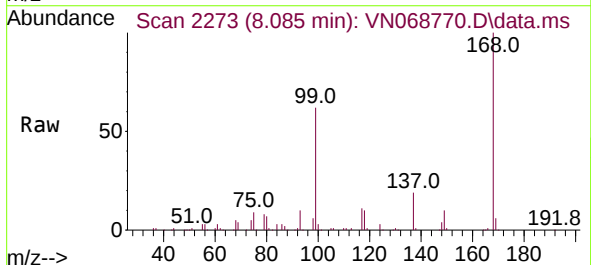
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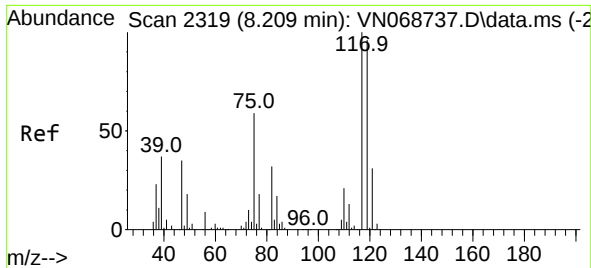
Tgt Ion:113 Resp: 255370
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.8
192 16.7 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.371 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 75 Resp: 40602
Ion Ratio Lower Upper
75 100
110 9.9 15.7 47.0#
77 0.0 24.6 37.0#

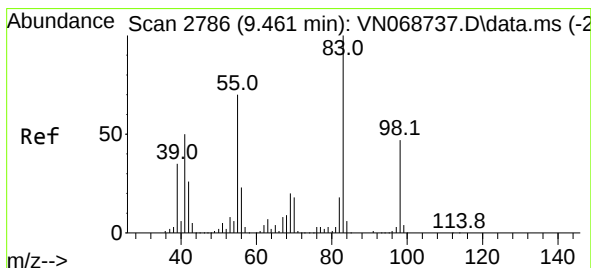
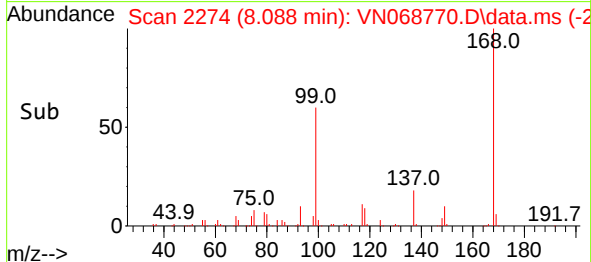
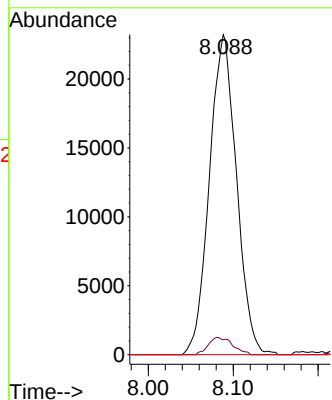
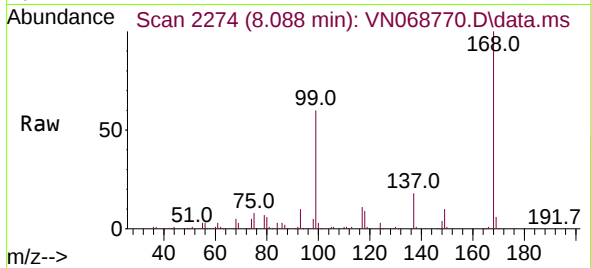




#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

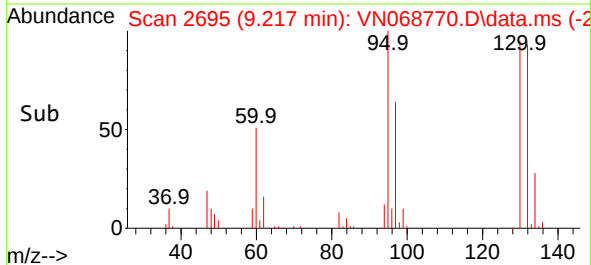
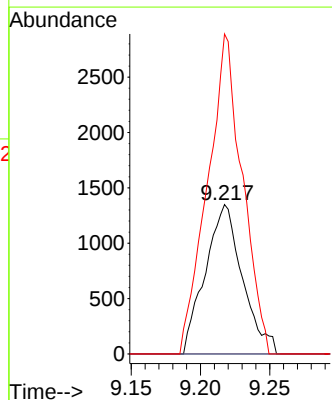
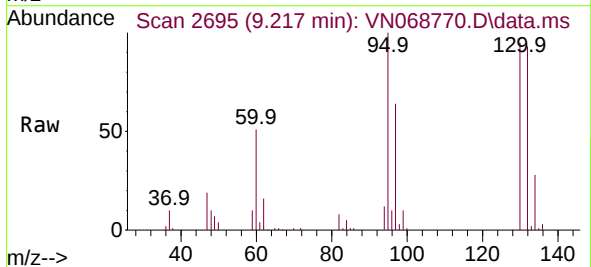
Instrument :
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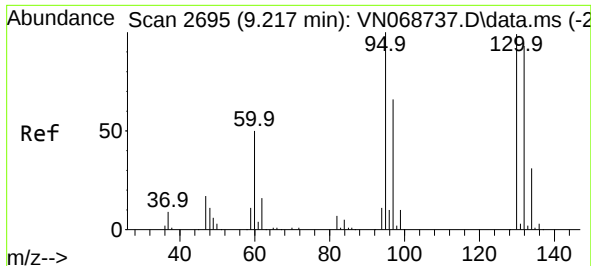
Tgt Ion:117 Resp: 51383
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.2#
121 0.0 23.5 35.3#



#39
Methylcyclohexane
Concen: 0.288 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.244 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 83 Resp: 2522
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 214.1 35.3 52.9#

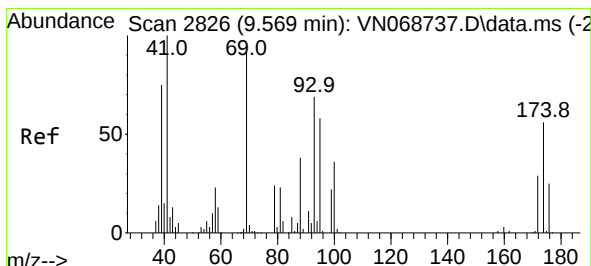
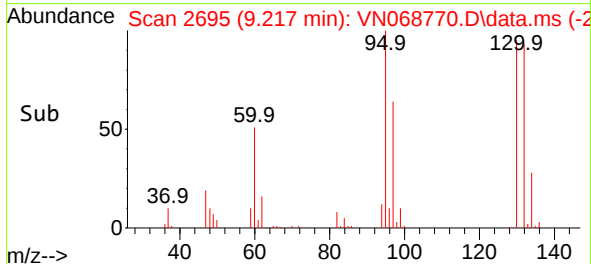
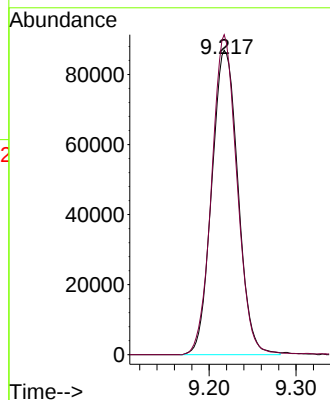
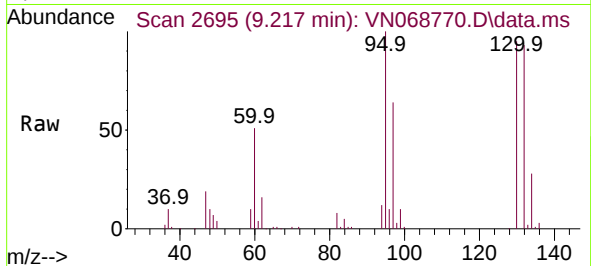




#44
Trichloroethene
Concen: 29.681 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

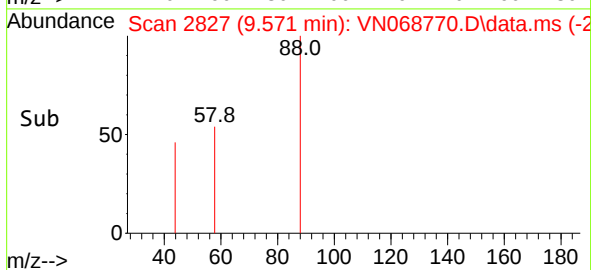
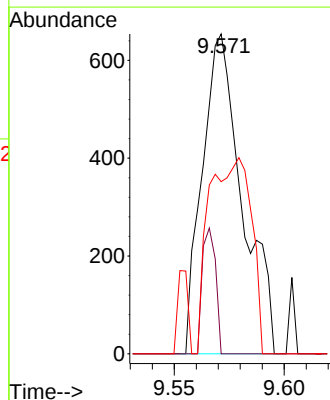
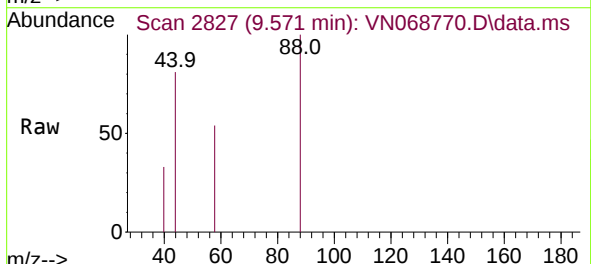
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

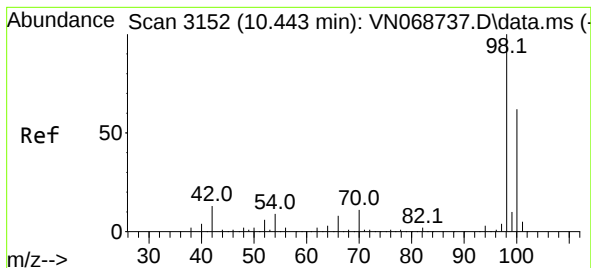
Tgt Ion:130 Resp: 182348
Ion Ratio Lower Upper
130 100
95 105.2 0.0 234.4



#49
1,4-Dioxane
Concen: 9.209 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 88 Resp: 824
Ion Ratio Lower Upper
88 100
43 13.1 28.8 43.2#
58 65.0 60.4 90.6

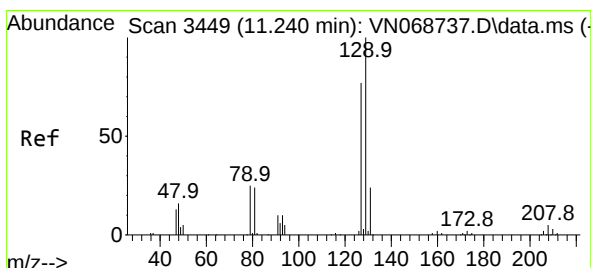
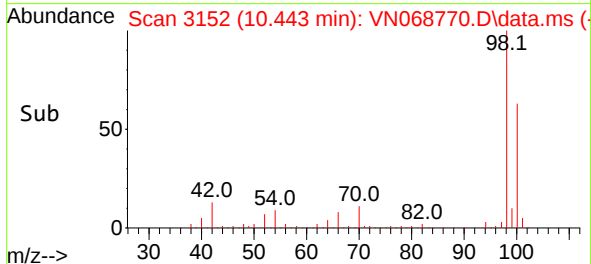
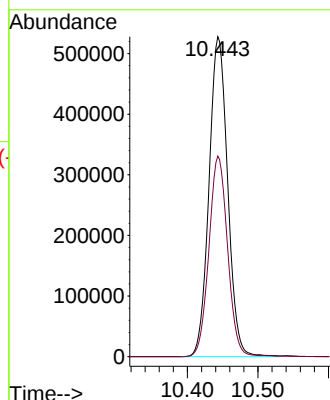
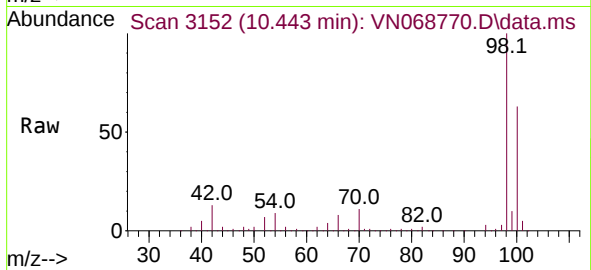




#50
Toluene-d8
Concen: 53.118 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

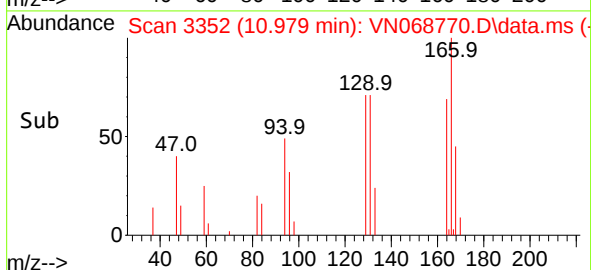
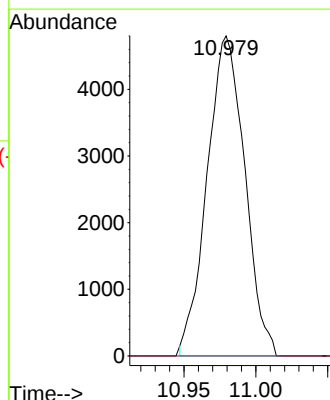
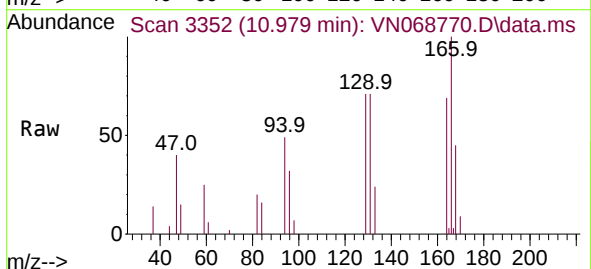
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

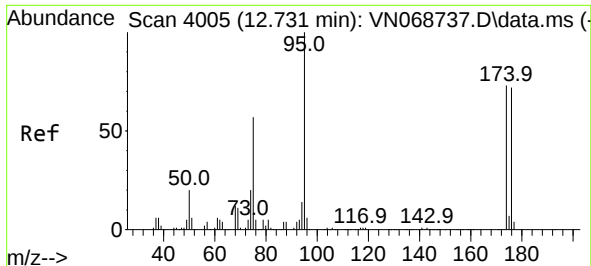
Tgt Ion: 98 Resp: 969282
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#60
Dibromochloromethane
Concen: 1.272 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.261 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion:129 Resp: 8746
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

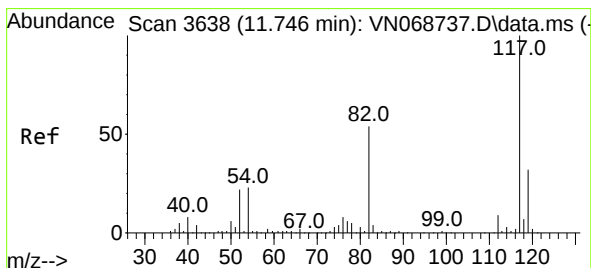
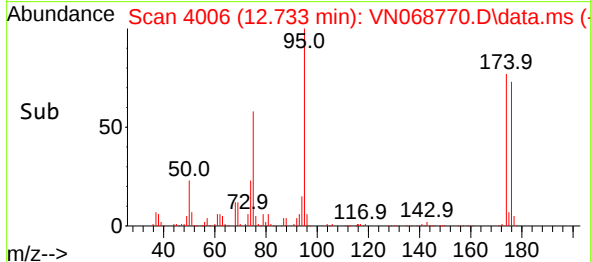
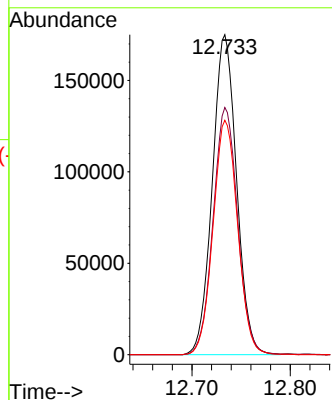
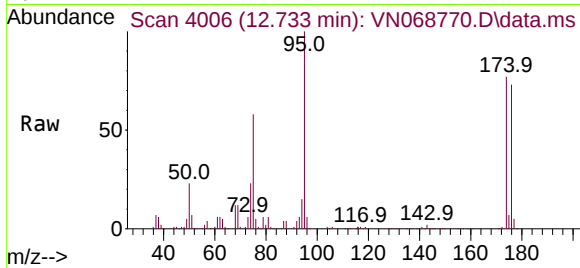




#62
4-Bromofluorobenzene
Concen: 47.347 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

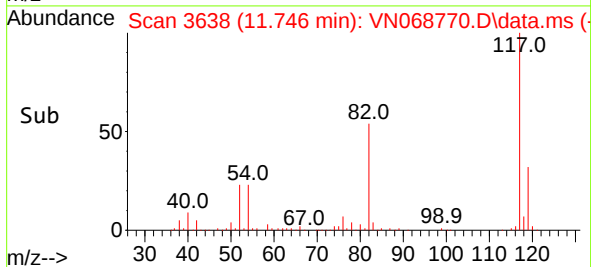
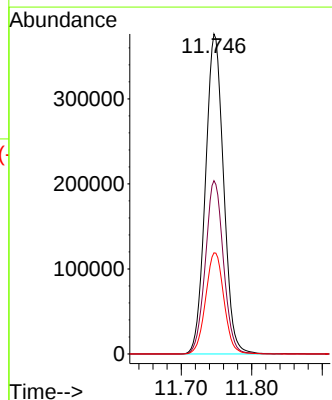
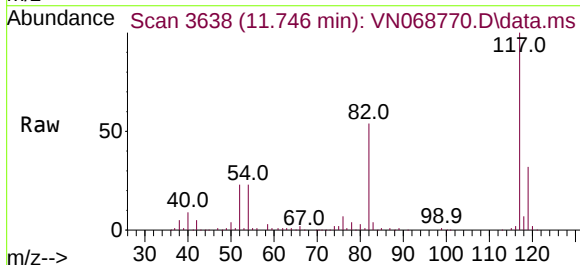
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

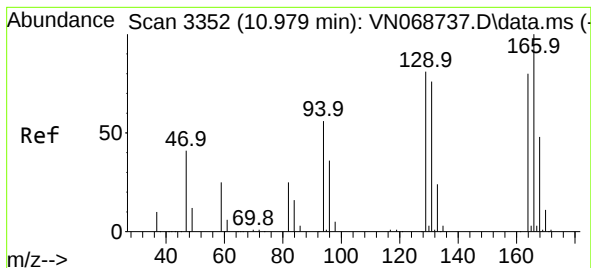
Tgt Ion: 95 Resp: 300210
Ion Ratio Lower Upper
95 100
174 78.3 0.0 122.0
176 74.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 117 Resp: 671070
Ion Ratio Lower Upper
117 100
82 54.1 53.1 79.7
119 31.6 25.5 38.3





#64

Tetrachloroethene

Concen: 1.771 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN068770.D

Acq: 30 Sep 2021 18:20

Instrument :

MSVOA_N

ClientSampleId :

RE104D1-20210921

Tgt Ion:164 Resp: 8871

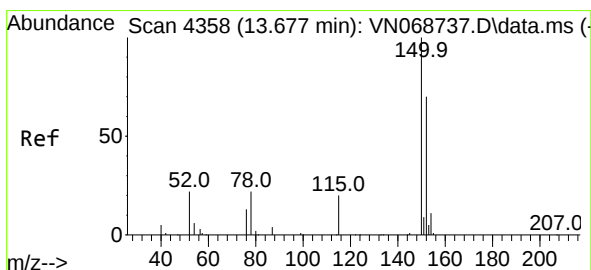
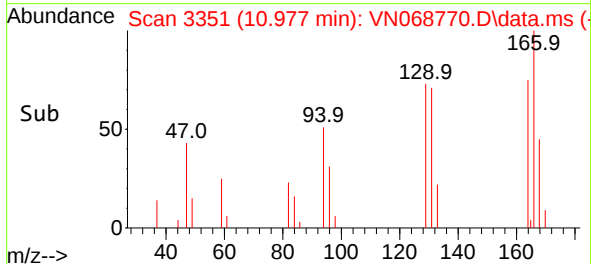
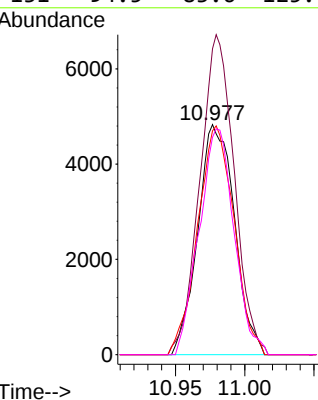
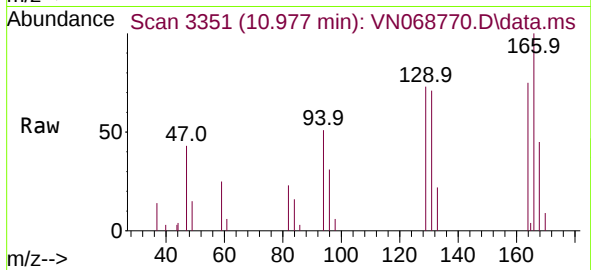
Ion Ratio Lower Upper

164 100

166 133.0 102.1 153.1

129 97.3 86.9 130.3

131 94.5 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: VN068770.D

Acq: 30 Sep 2021 18:20

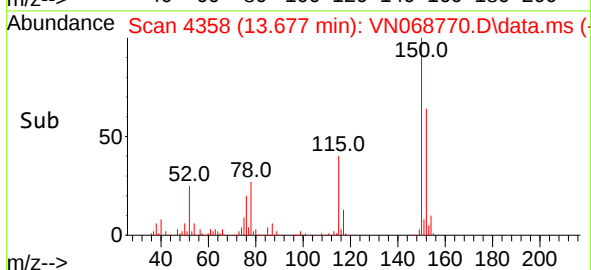
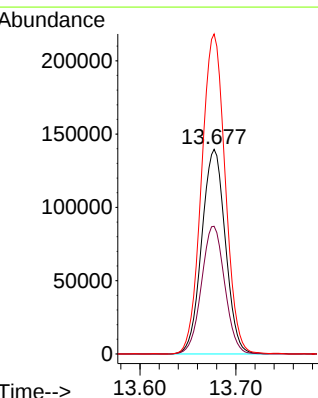
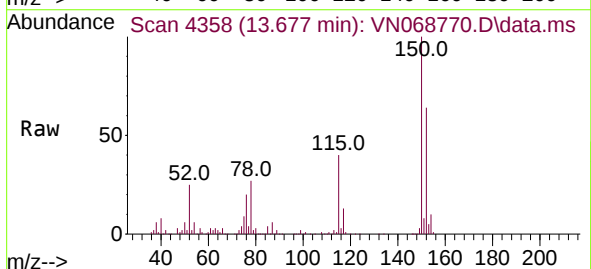
Tgt Ion:152 Resp: 238570

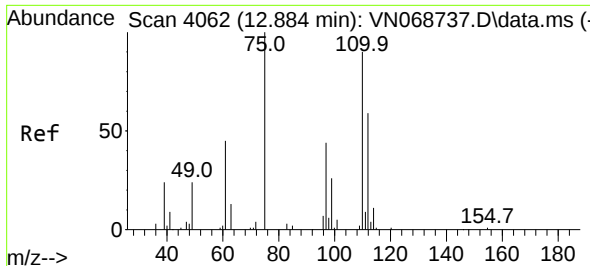
Ion Ratio Lower Upper

152 100

115 61.4 36.1 108.5

150 156.7 0.0 351.8

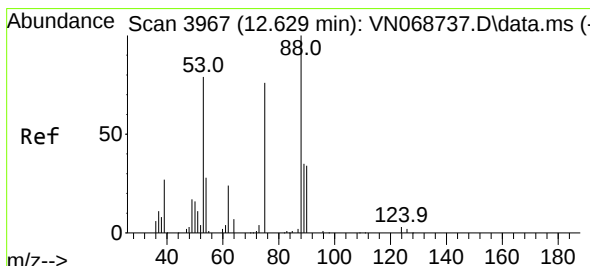
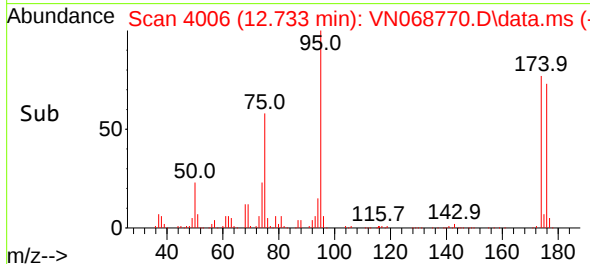
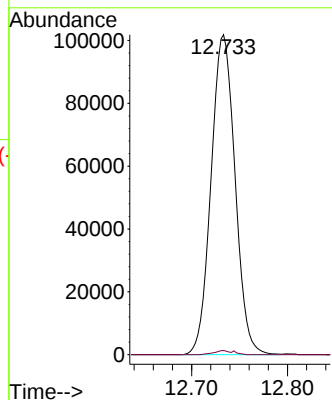
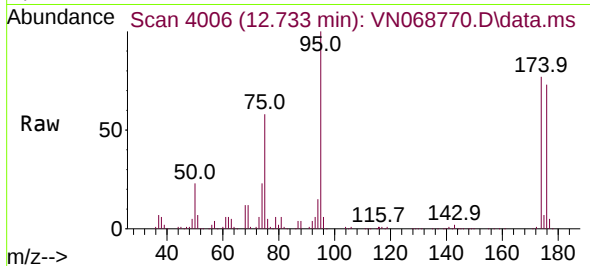




#76
1,2,3-Trichloropropane
Concen: 33.329 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

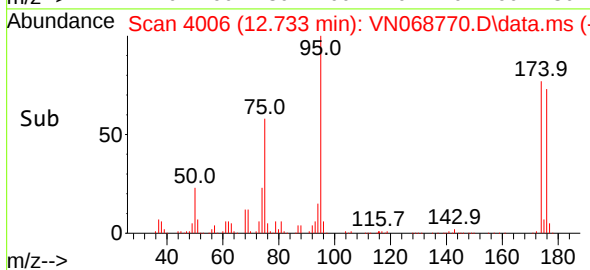
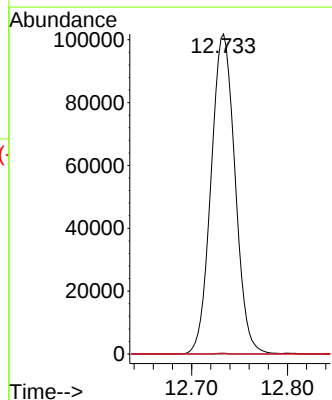
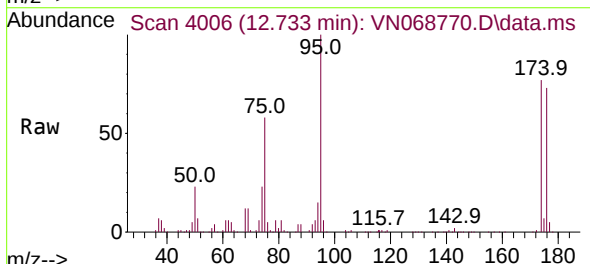
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

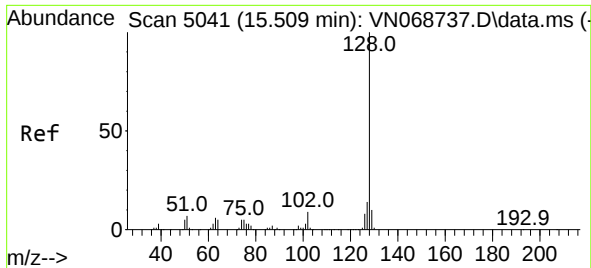
Tgt Ion: 75 Resp: 176828
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.887 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Tgt Ion: 75 Resp: 176828
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.529 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068770.D
Acq: 30 Sep 2021 18:20

Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20210921

Tgt Ion:128 Resp: 948
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

