

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068303.D
 Acq On : 25 Aug 2021 16:26
 Operator : JC/MD
 Sample : M3534-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-540-542

Quant Time: Aug 26 05:39:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

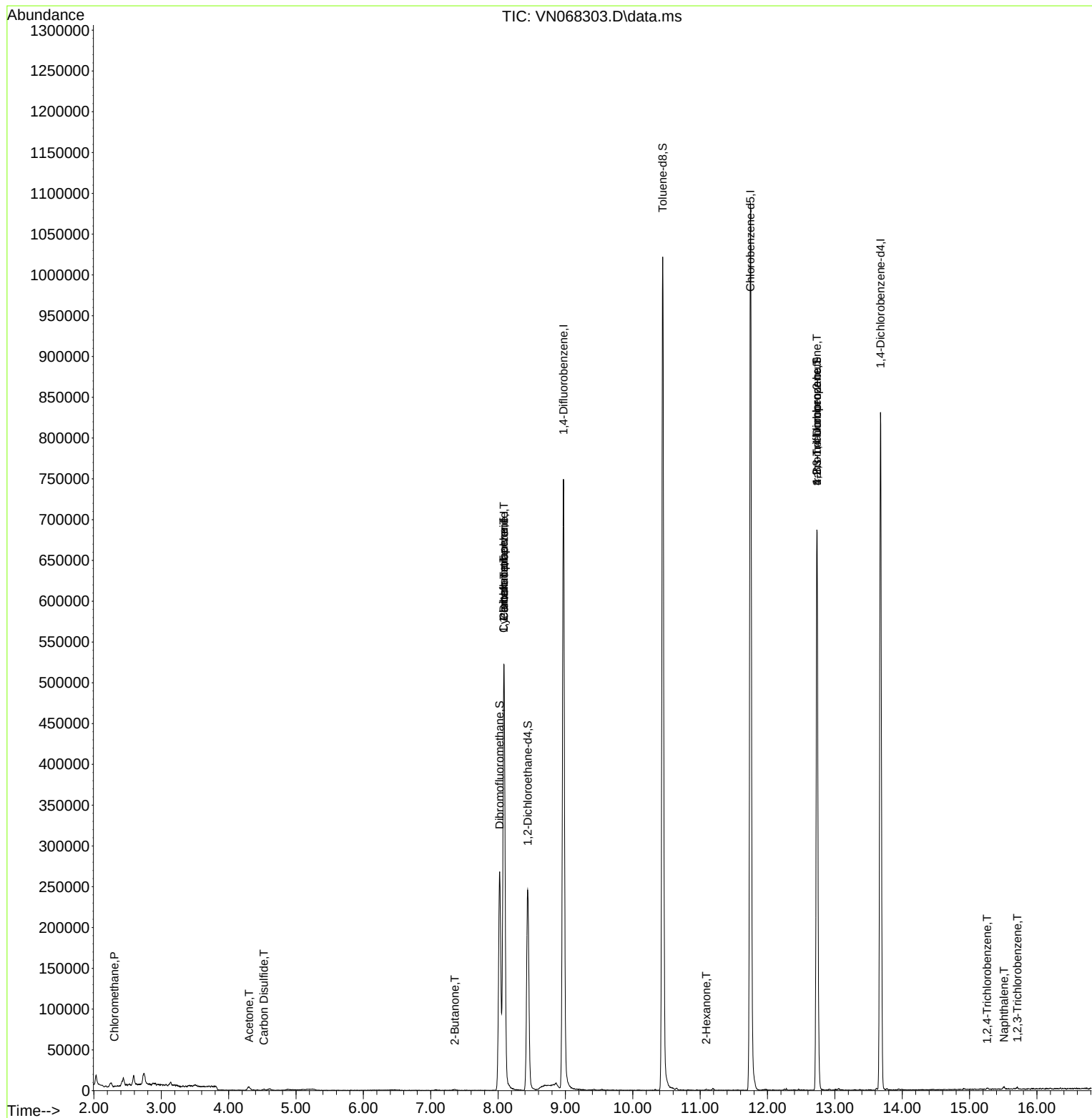
Internal Standards						
1) Pentafluorobenzene	8.088	168	446597	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	723693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	712281	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	250247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217295	45.569	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.140%
35) Dibromofluoromethane	8.021	113	195131	42.947	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.900%
50) Toluene-d8	10.443	98	763645	44.110	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.220%
62) 4-Bromofluorobenzene	12.734	95	240069	41.655	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	1128	0.282	ug/l	# 84
5) Bromomethane	2.829	94	55	Below Cal	#	4
6) Chloroethane	3.036	64	87	Below Cal	#	44
13) Acrolein	4.057	56	222	Below Cal	#	14
16) Acetone	4.301	43	7949	5.710	ug/l	90
17) Carbon Disulfide	4.524	76	2606	0.278	ug/l	# 74
18) Methyl Acetate	4.854	43	298	Below Cal	#	49
20) Methylene Chloride	5.093	84	198	Below Cal	#	59
25) 2-Butanone	7.356	43	1728	0.796	ug/l	# 87
31) Cyclohexane	8.083	56	7756	1.235	ug/l	# 1
36) 1,1-Dichloropropene	8.083	75	28991	4.900	ug/l	# 52
38) Carbon Tetrachloride	8.088	117	42034	6.160	ug/l	# 18
59) 2-Hexanone	11.089	43	1427	0.414	ug/l	89
76) 1,2,3-Trichloropropane	12.734	75	121304	29.164	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.734	75	121304	95.546	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.263	180	660	2.835	ug/l	83
95) Naphthalene	15.512	128	3695	3.695	ug/l	# 90
96) 1,2,3-Trichlorobenzene	15.708	180	611	2.977	ug/l	# 71

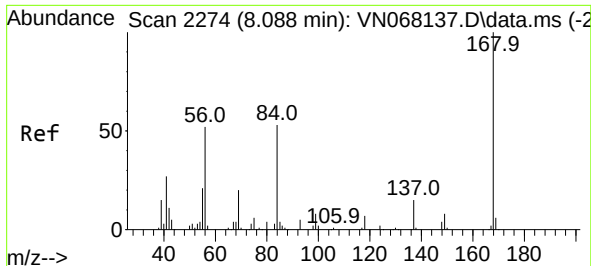
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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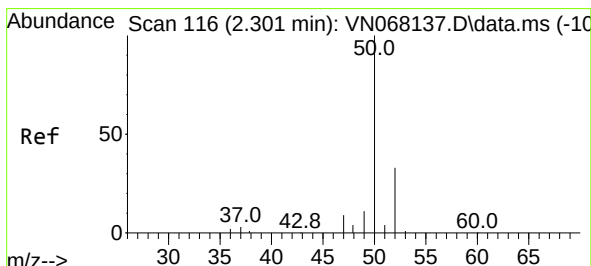
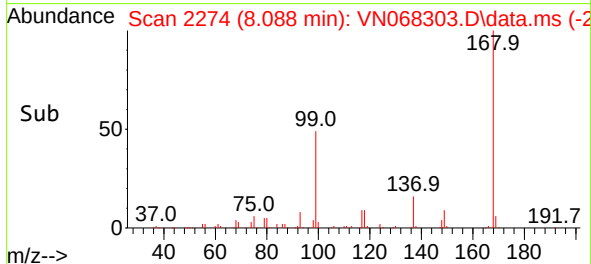
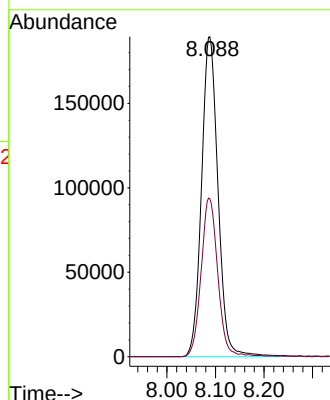
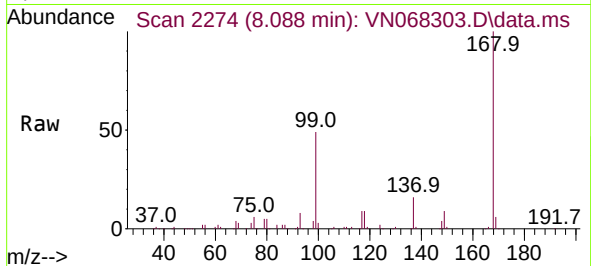




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

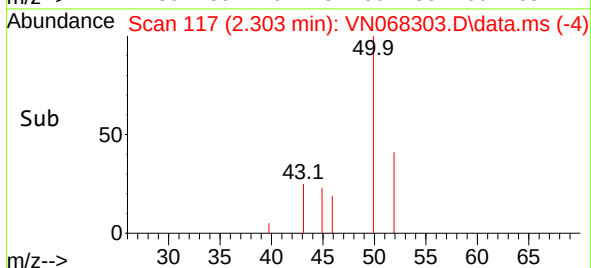
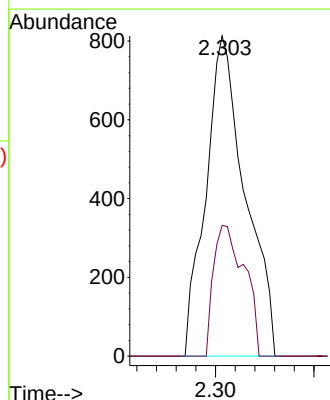
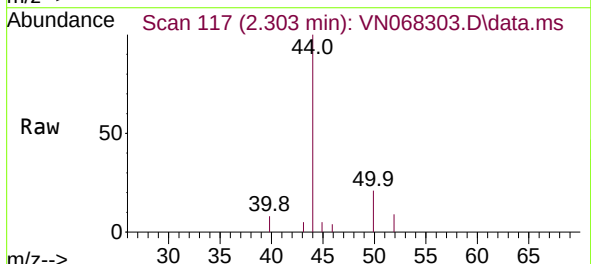
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542

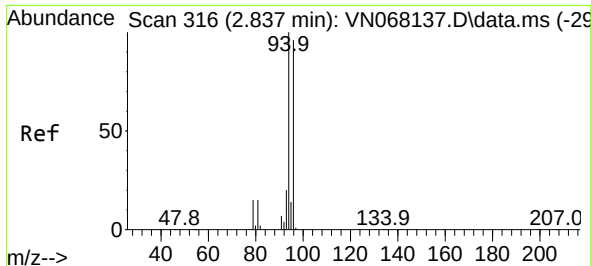
Tgt Ion:168 Resp: 446597
Ion Ratio Lower Upper
168 100
99 49.4 62.9 94.3#



#3
Chloromethane
Concen: 0.282 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion: 50 Resp: 1128
Ion Ratio Lower Upper
50 100
52 40.8 25.6 38.4#

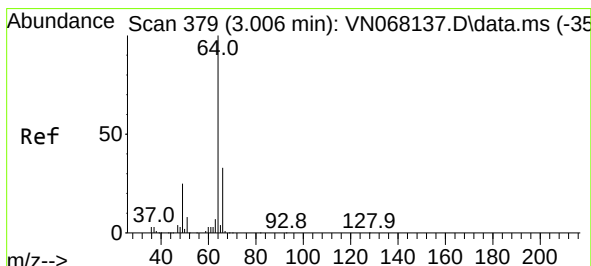
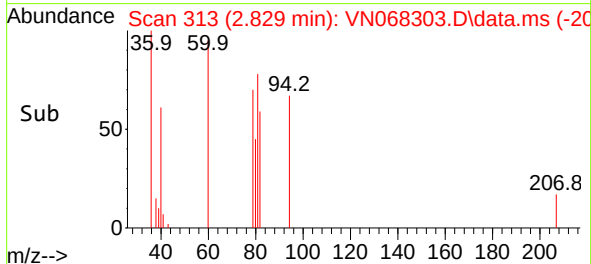
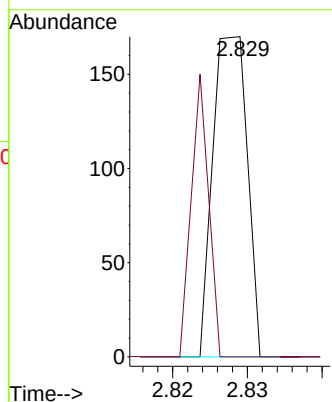
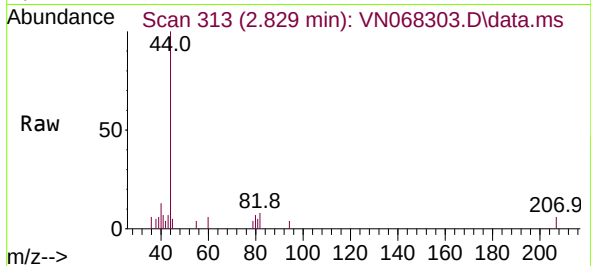




#5
Bromomethane
Concen: Below Cal
RT: 2.829 min Scan# 313
Delta R.T. -0.008 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

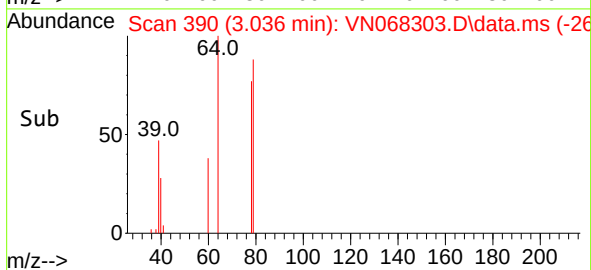
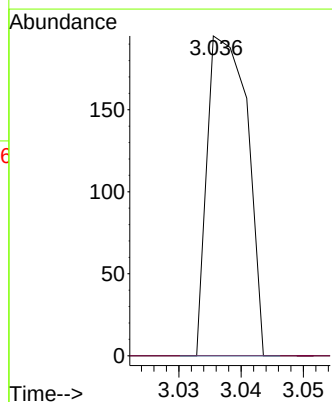
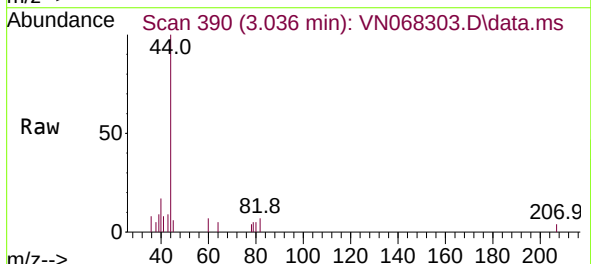
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542

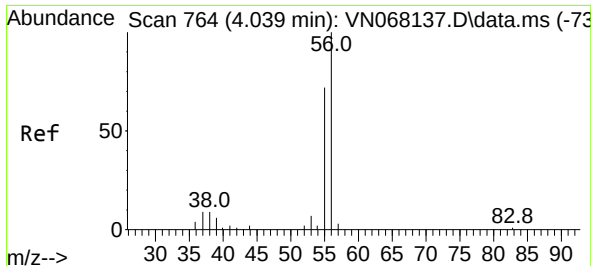
Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.036 min Scan# 390
Delta R.T. 0.030 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

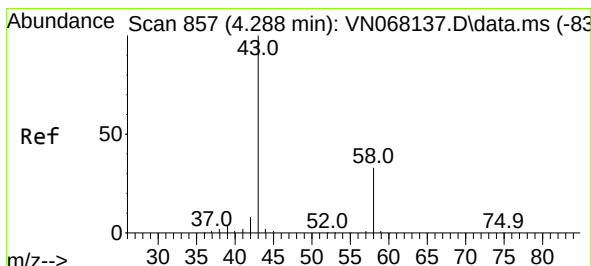
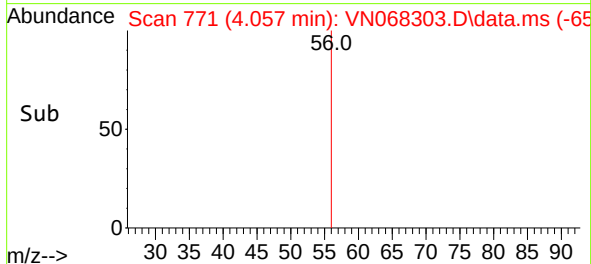
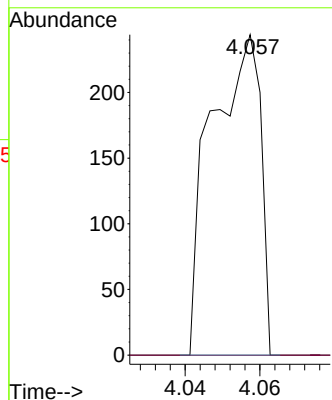
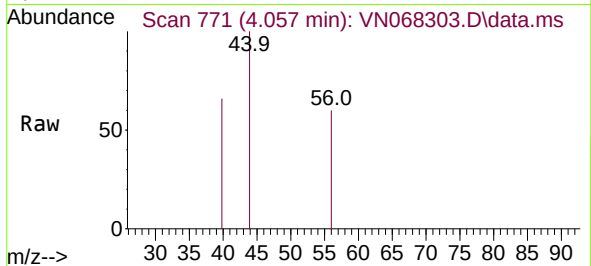




#13
Acrolein
Concen: Below Cal
RT: 4.057 min Scan# 771
Delta R.T. 0.018 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

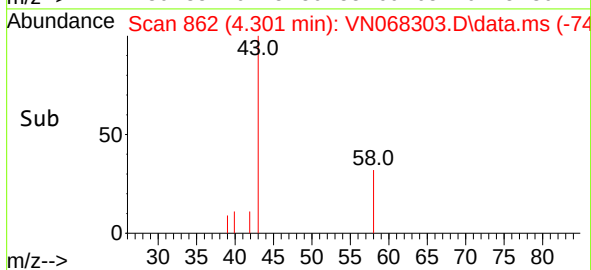
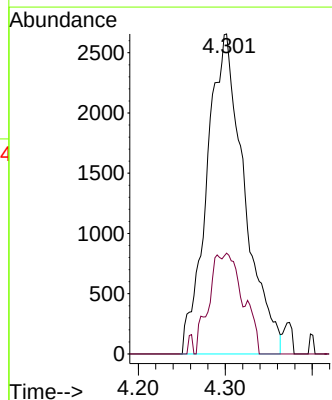
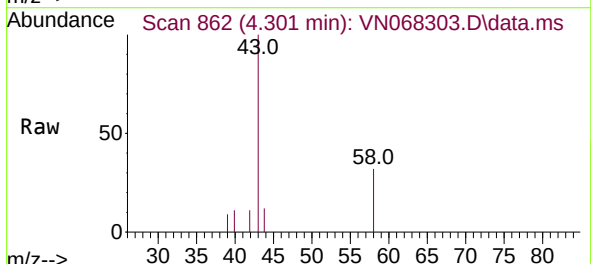
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542

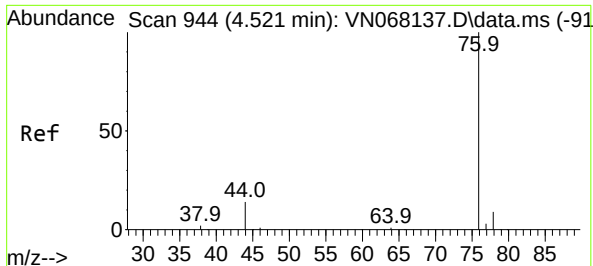
Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 5.710 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion: 43 Resp: 7949
Ion Ratio Lower Upper
43 100
58 31.5 21.2 31.8

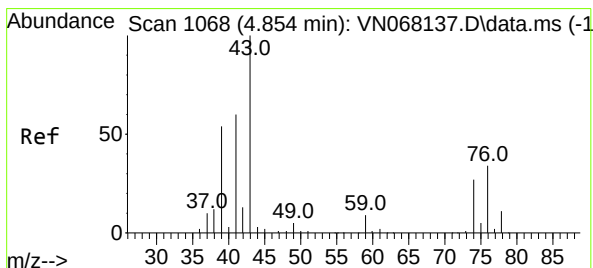
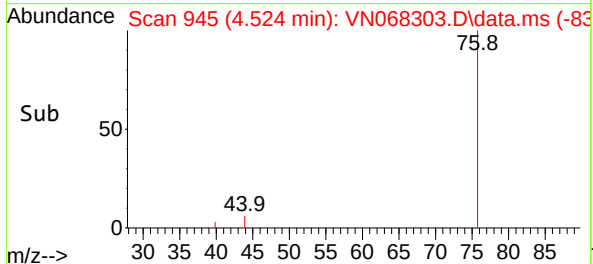
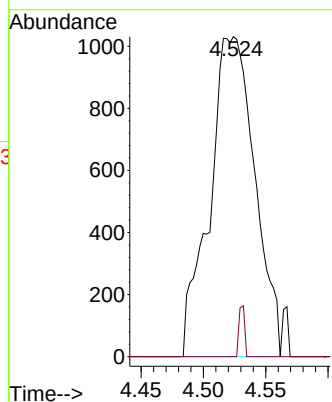
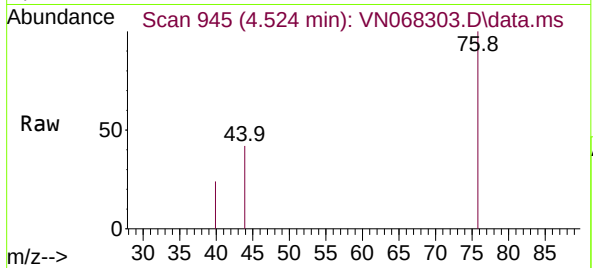




#17
Carbon Disulfide
Concen: 0.278 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

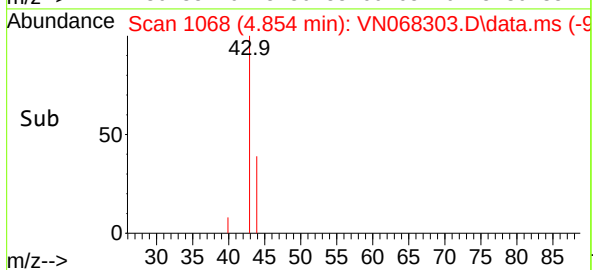
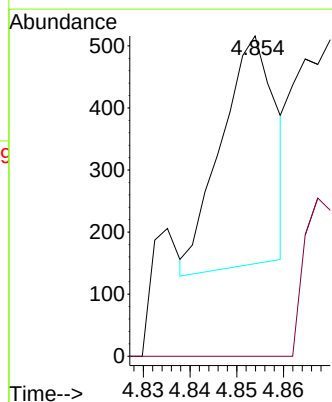
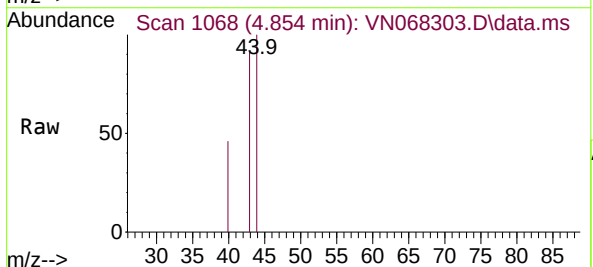
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542

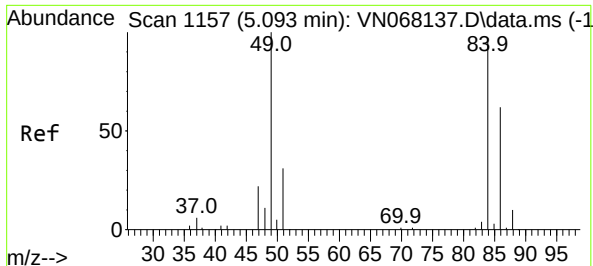
Tgt Ion: 76 Resp: 2606
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
74 46.0 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.093 min Scan# 1157

Delta R.T. -0.000 min

Lab File: VN068303.D

Acq: 25 Aug 2021 16:26

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW7-GW-540-542

Tgt Ion: 84 Resp: 198

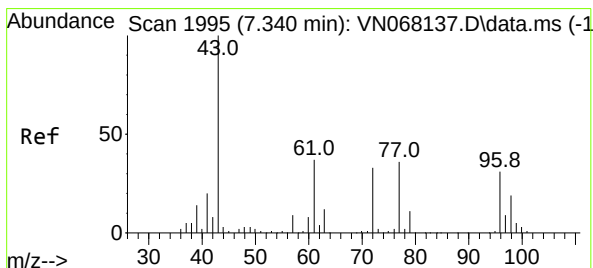
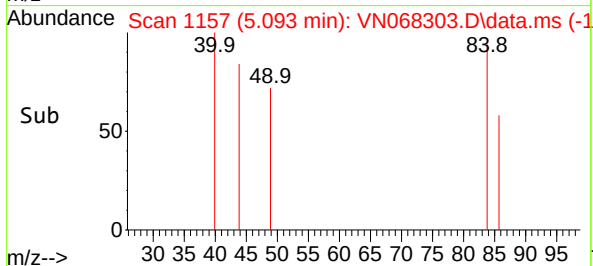
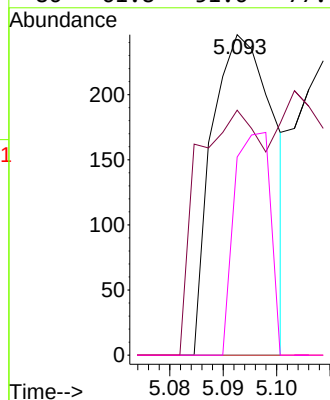
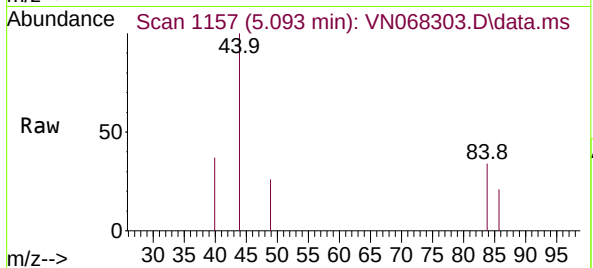
Ion Ratio Lower Upper

84 100

49 76.4 110.9 166.3#

51 0.0 32.6 49.0#

86 61.8 51.6 77.4



#25

2-Butanone

Concen: 0.796 ug/l

RT: 7.356 min Scan# 2001

Delta R.T. 0.016 min

Lab File: VN068303.D

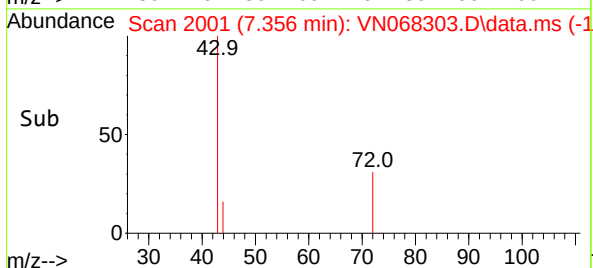
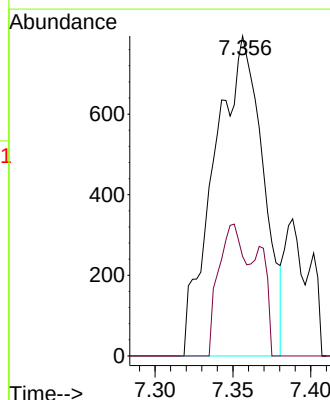
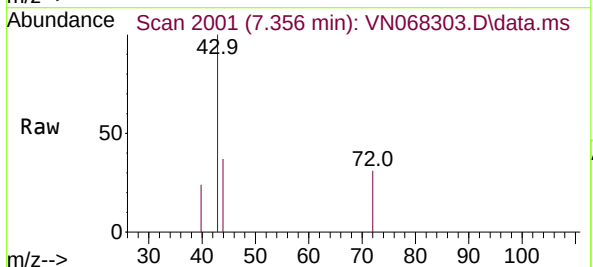
Acq: 25 Aug 2021 16:26

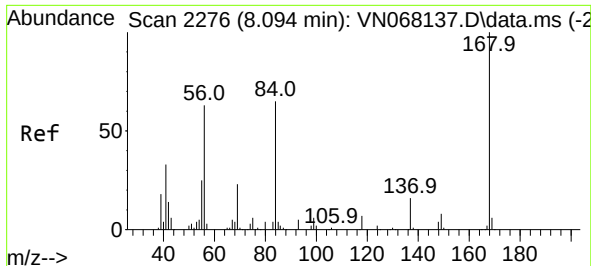
Tgt Ion: 43 Resp: 1728

Ion Ratio Lower Upper

43 100

72 31.1 19.7 29.5#

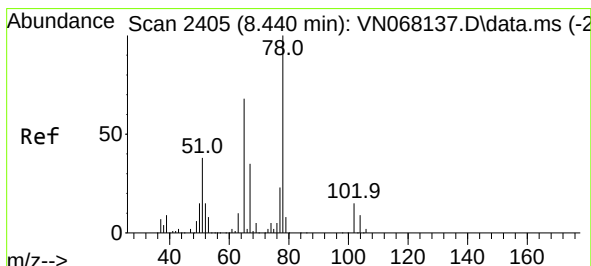
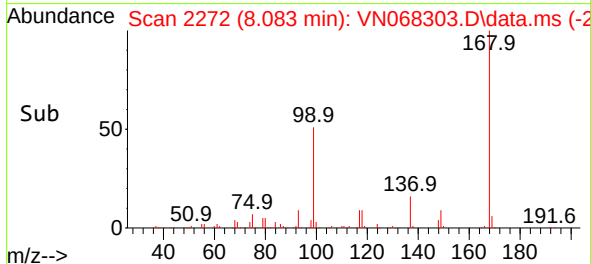
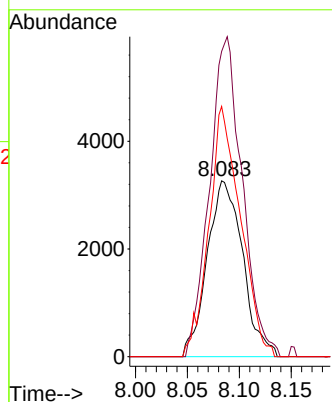
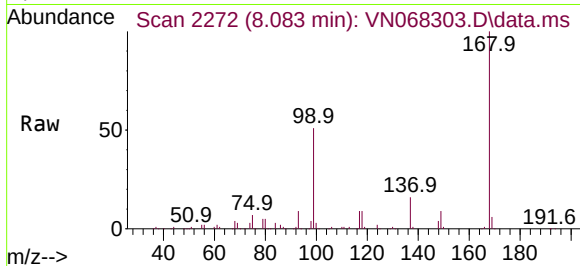




#31
Cyclohexane
Concen: 1.235 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

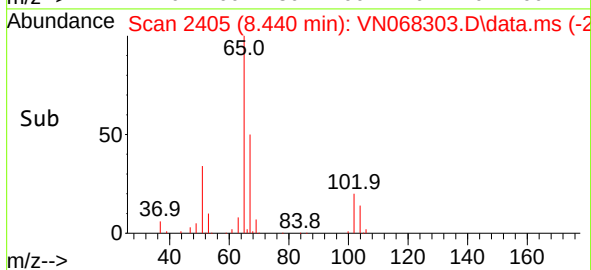
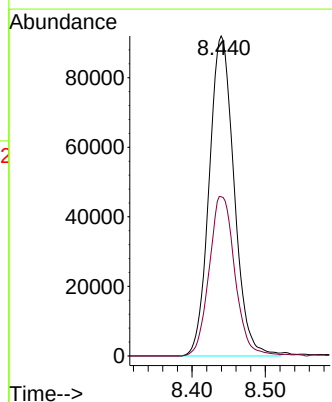
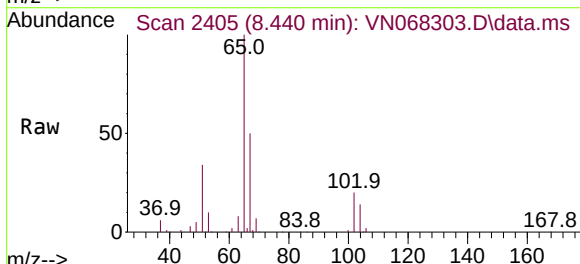
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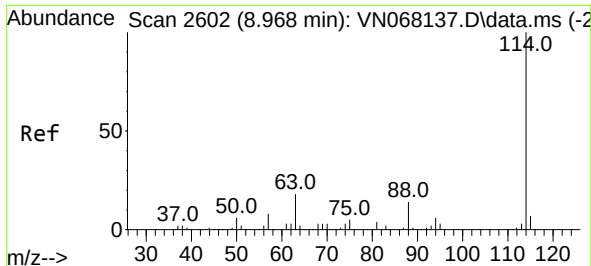
Tgt Ion: 56 Resp: 7756
Ion Ratio Lower Upper
56 100
69 173.7 27.3 40.9#
84 142.3 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 45.569 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion: 65 Resp: 217295
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.6

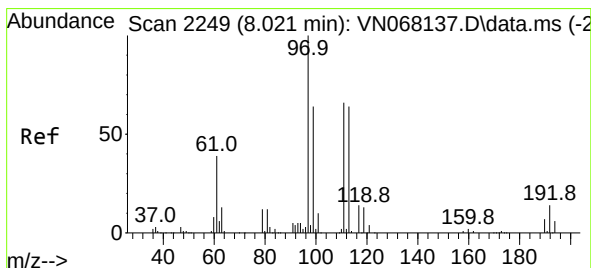
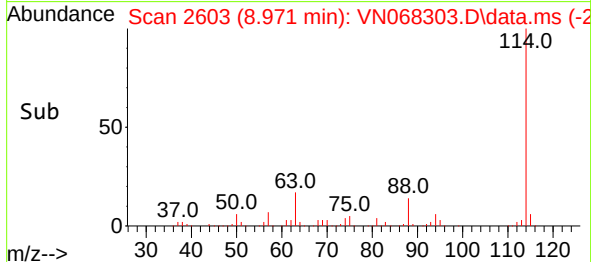
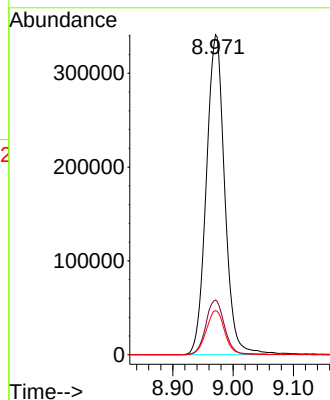
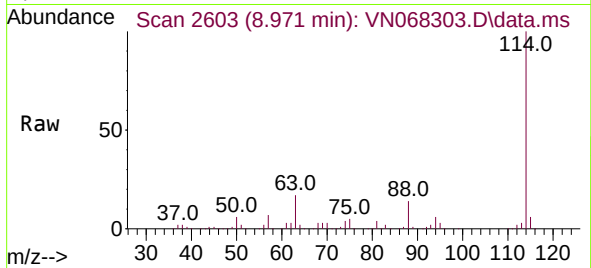




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

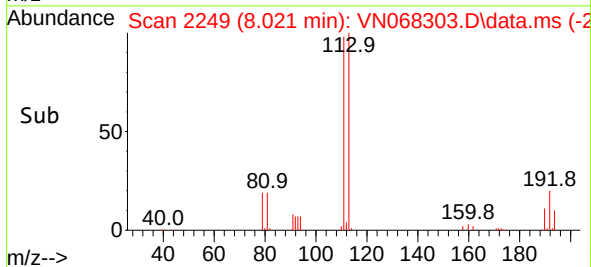
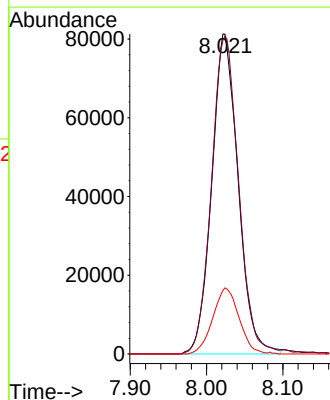
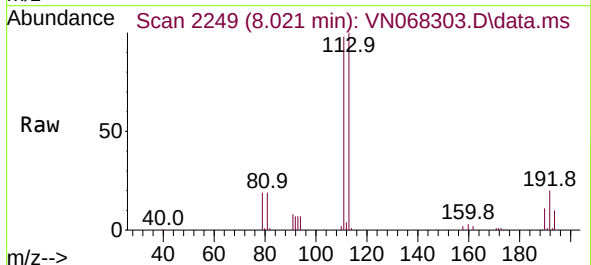
Instrument :
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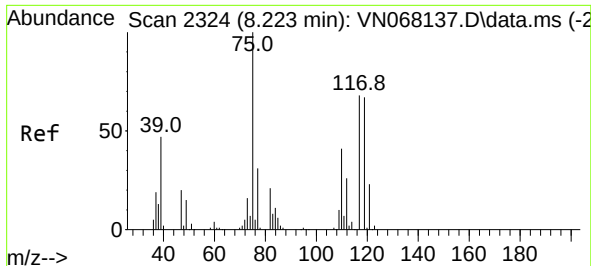
Tgt Ion:114 Resp: 723693
Ion Ratio Lower Upper
114 100
63 17.1 0.0 49.0
88 13.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.947 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion:113 Resp: 195131
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.8
192 20.6 13.4 20.0#

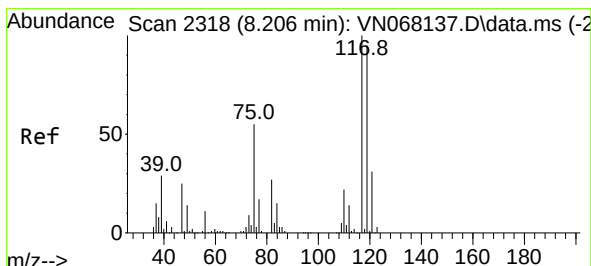
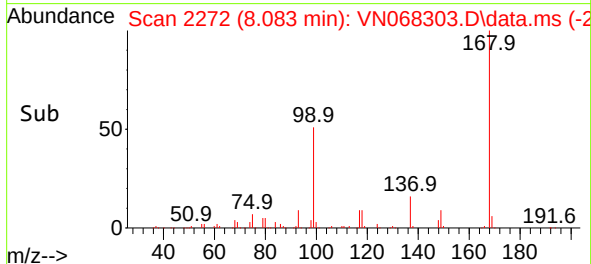
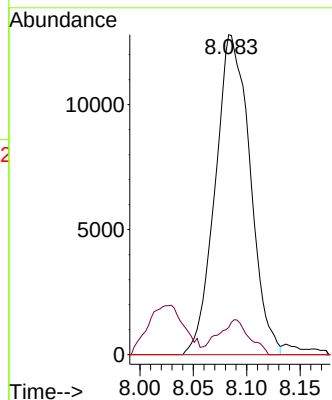
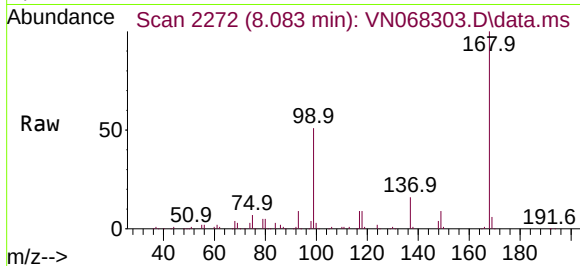




#36
 1,1-Dichloropropene
 Concen: 4.900 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.140 min
 Lab File: VN068303.D
 Acq: 25 Aug 2021 16:26

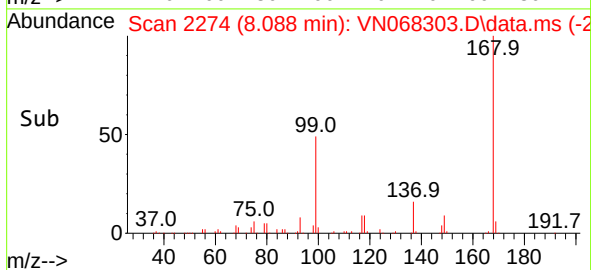
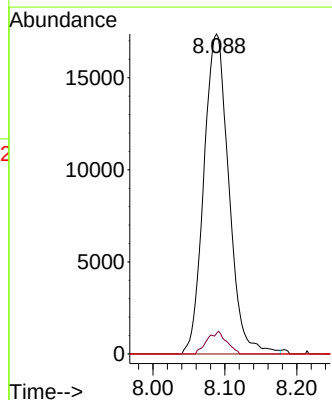
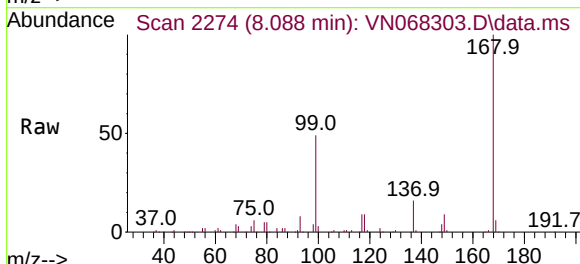
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-540-542

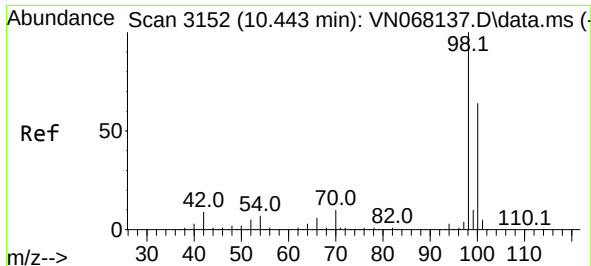
Tgt Ion: 75	Resp: 28991
Ion Ratio	Lower Upper
75	100
110	9.7 15.7 47.0#
77	0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.160 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.118 min
 Lab File: VN068303.D
 Acq: 25 Aug 2021 16:26

Tgt Ion: 117	Resp: 42034
Ion Ratio	Lower Upper
117	100
119	6.4 75.4 113.2#
121	0.0 23.5 35.3#

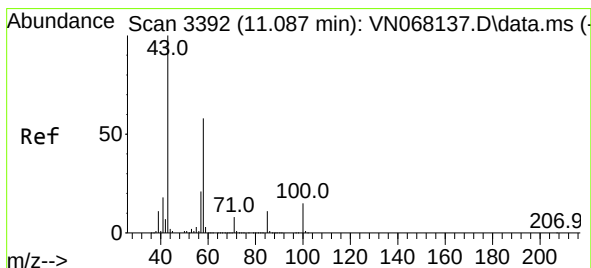
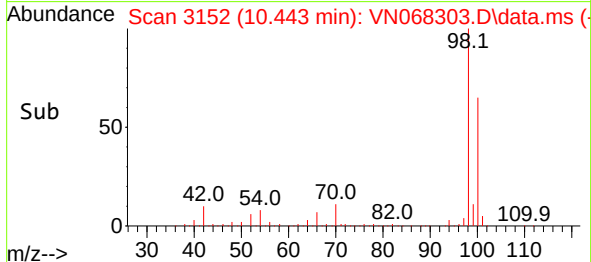
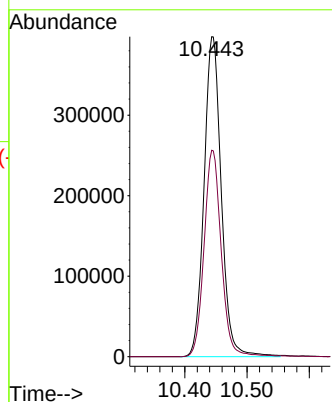
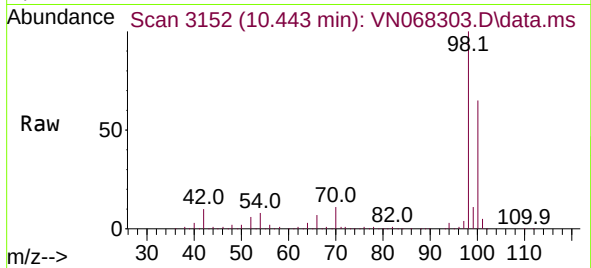




#50
Toluene-d8
Concen: 44.110 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

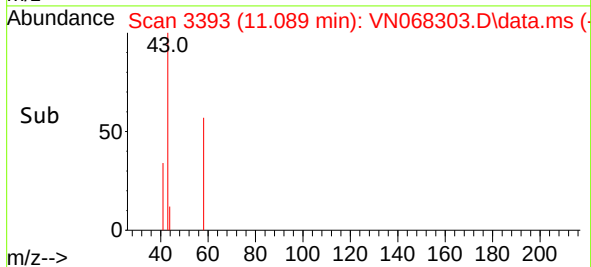
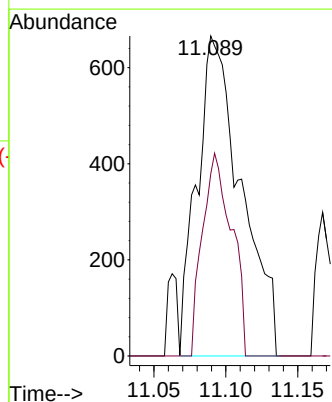
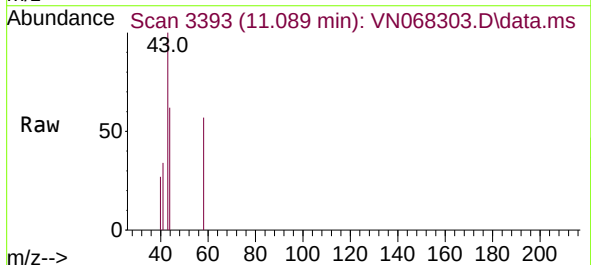
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542

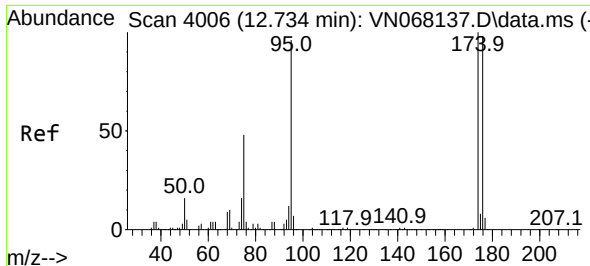
Tgt Ion: 98 Resp: 763645
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#59
2-Hexanone
Concen: 0.414 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 41.7 24.7 74.1

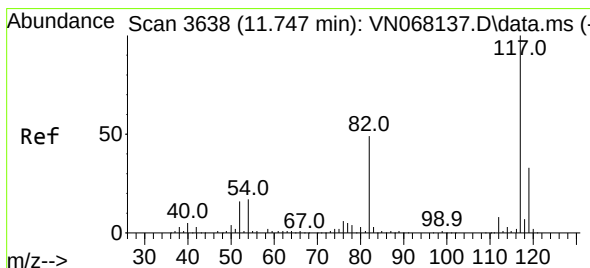
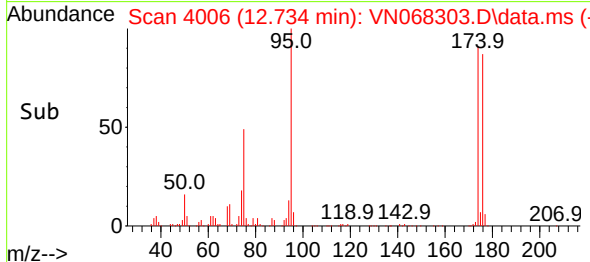
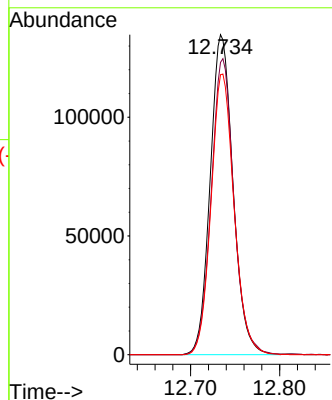
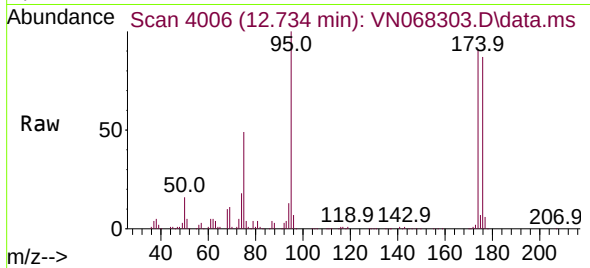




#62
4-Bromofluorobenzene
Concen: 41.655 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

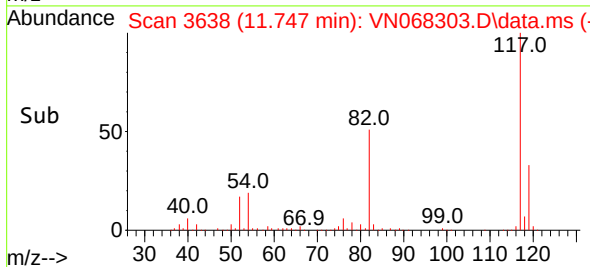
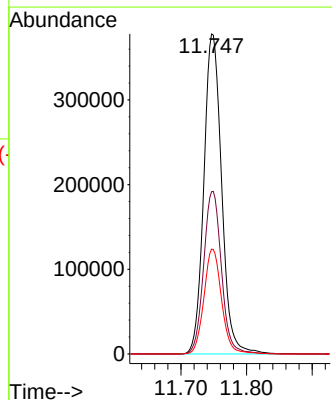
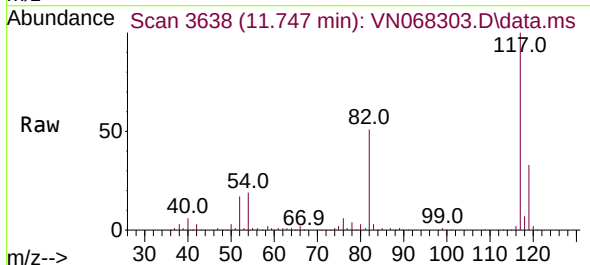
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542

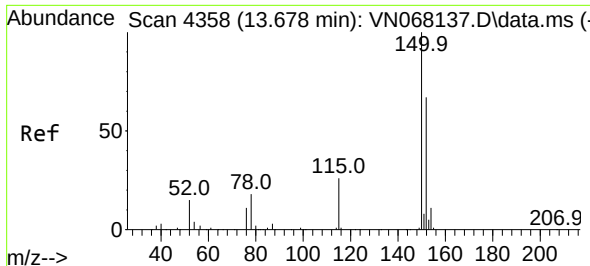
Tgt Ion: 95 Resp: 240069
Ion Ratio Lower Upper
95 100
174 92.1 0.0 122.0
176 88.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion: 117 Resp: 712281
Ion Ratio Lower Upper
117 100
82 50.7 53.1 79.7#
119 32.8 25.5 38.3

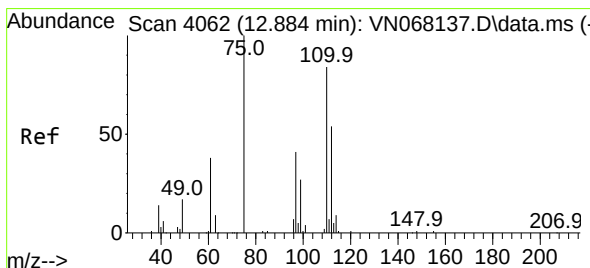
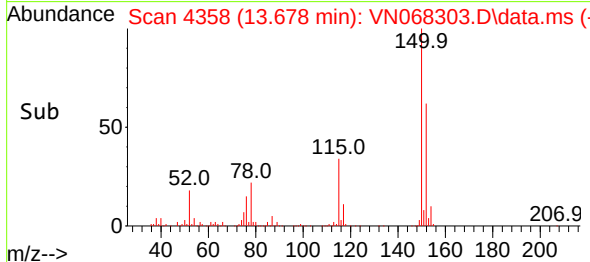
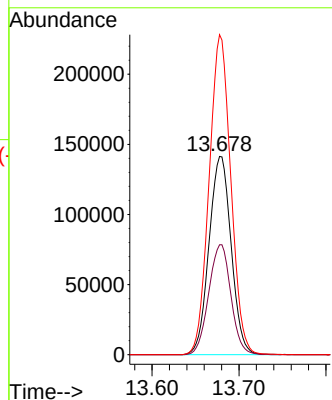
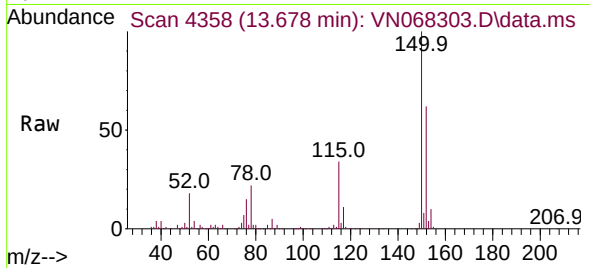




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

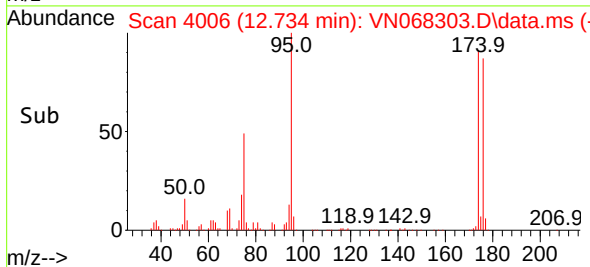
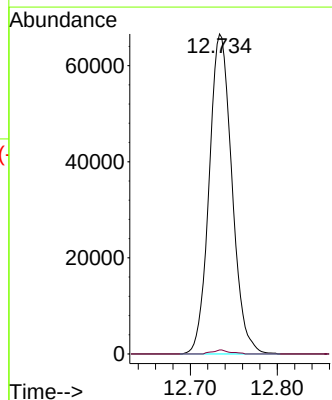
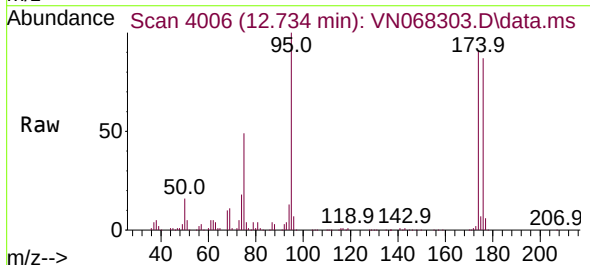
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542

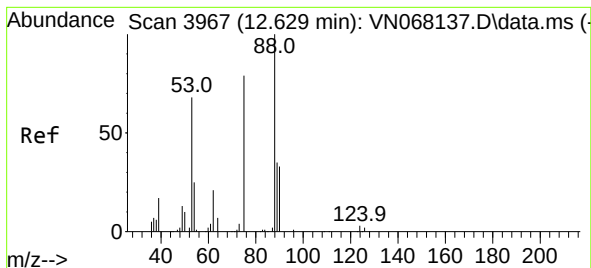
Tgt Ion:152 Resp: 250247
Ion Ratio Lower Upper
152 100
115 55.4 36.1 108.5
150 157.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 29.164 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion: 75 Resp: 121304
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

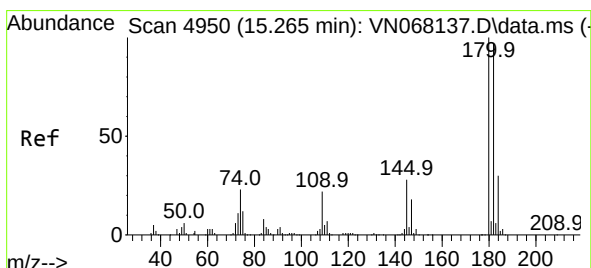
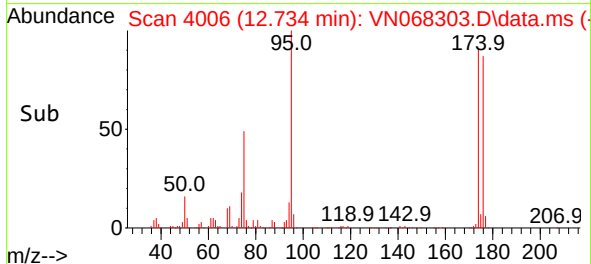
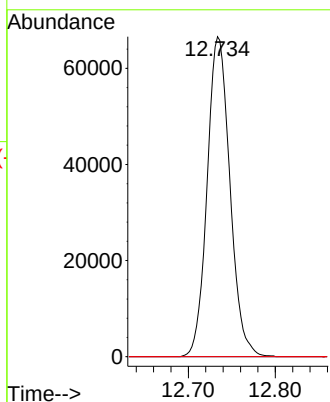
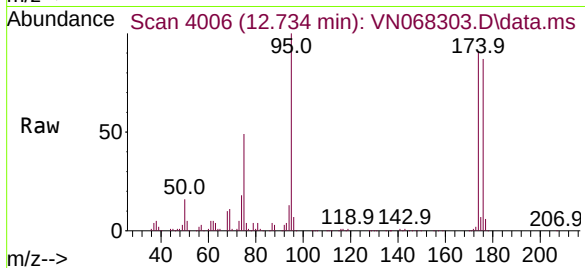




#81
trans-1,4-Dichloro-2-butene
Concen: 95.546 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

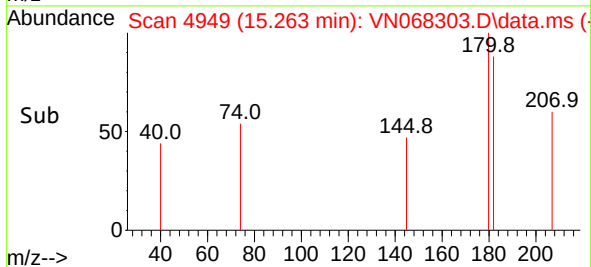
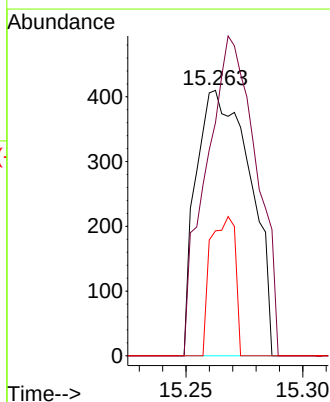
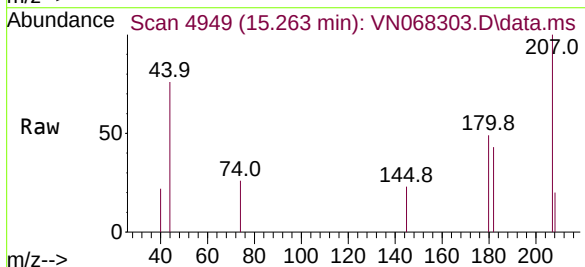
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542

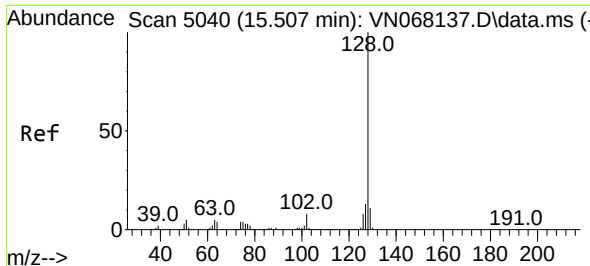
Tgt Ion: 75 Resp: 121304
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.835 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion:180 Resp: 660
Ion Ratio Lower Upper
180 100
182 111.7 47.5 142.5
145 23.9 17.2 51.6

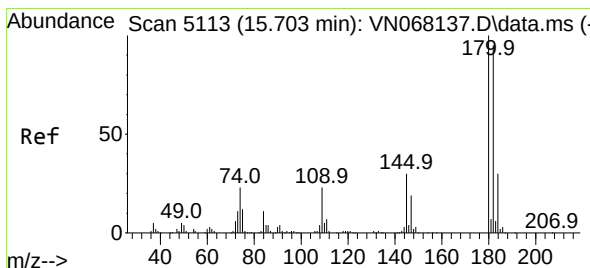
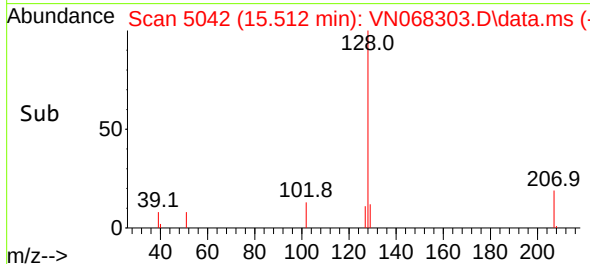
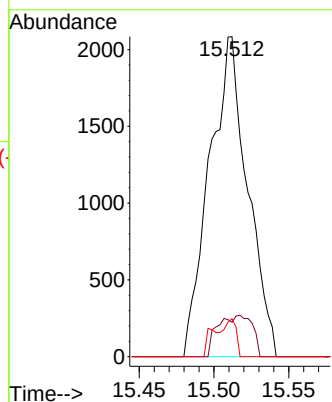
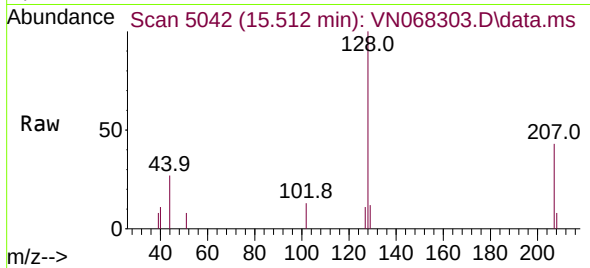




#95
Naphthalene
Concen: 3.695 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-540-542

Tgt Ion:128 Resp: 3695
Ion Ratio Lower Upper
128 100
127 11.7 10.6 15.8
129 3.7 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.977 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.005 min
Lab File: VN068303.D
Acq: 25 Aug 2021 16:26

Tgt Ion:180 Resp: 611
Ion Ratio Lower Upper
180 100
182 114.9 47.8 143.3
145 4.3 18.2 54.6#

