

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068324.D
 Acq On : 26 Aug 2021 17:03
 Operator : JC/MD
 Sample : M3534-08RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-EB-20210824RE

Quant Time: Aug 27 05:53:59 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)

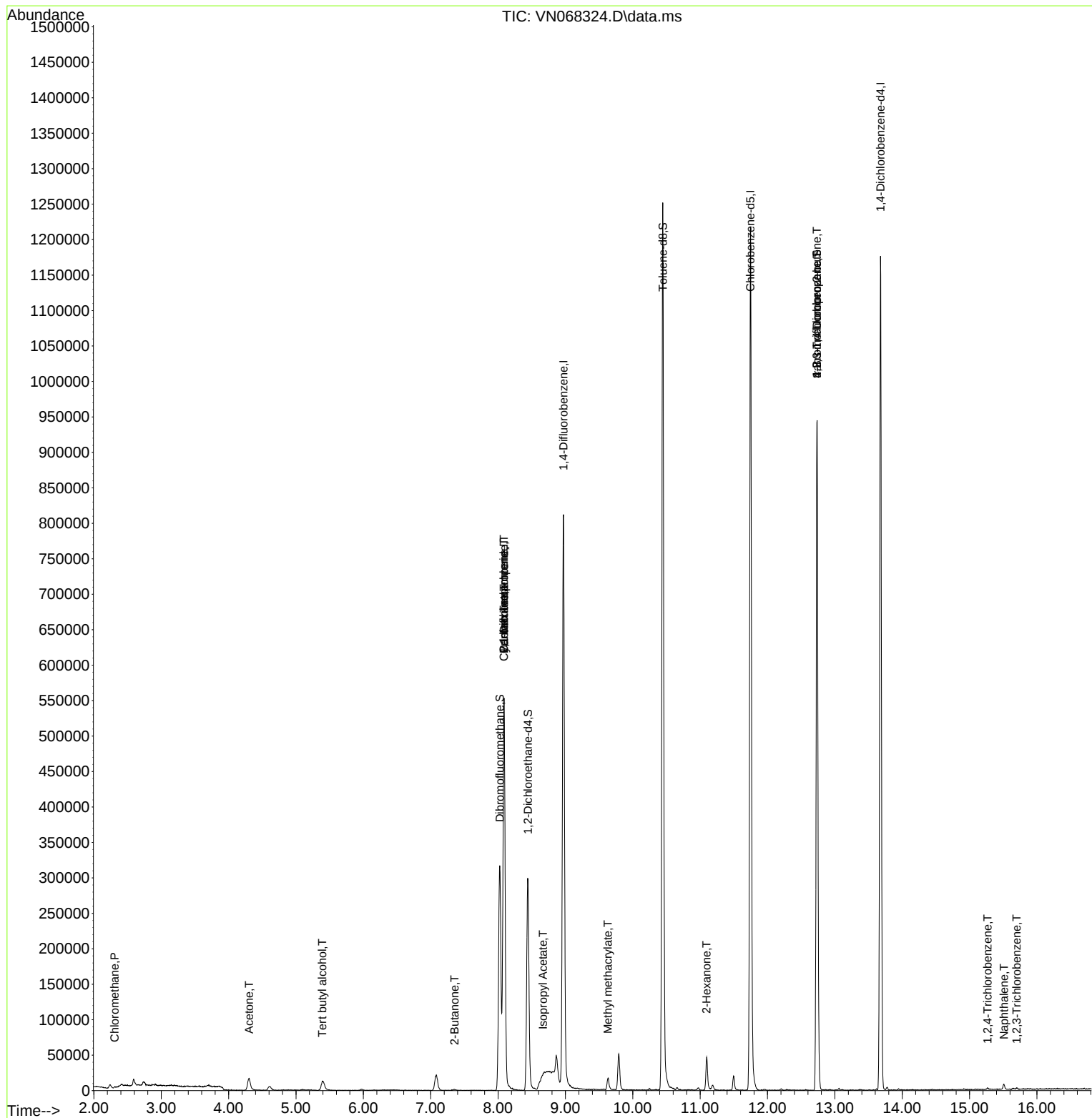
Internal Standards						
1) Pentafluorobenzene	8.088	168	457320	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	792645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	806804	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	344954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	258085	52.855	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.700%			
35) Dibromofluoromethane	8.027	113	237472	47.719	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.440%			
50) Toluene-d8	10.446	98	923735	48.715	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.440%			
62) 4-Bromofluorobenzene	12.733	95	320482	50.771	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.540%			
Target Compounds			Qvalue			
3) Chloromethane	2.306	50	1682	0.411	ug/l	94
5) Bromomethane	2.866	94	212	Below Cal	#	66
6) Chloroethane	3.006	64	95	Below Cal	#	44
11) Tert butyl alcohol	5.390	59	11117	18.256	ug/l	99
13) Acrolein	4.041	56	24	Below Cal	#	14
16) Acetone	4.304	43	33296	23.355	ug/l	# 86
18) Methyl Acetate	4.856	43	185	Below Cal	#	54
20) Methylene Chloride	5.095	84	417	Below Cal	#	47
25) 2-Butanone	7.353	43	1434	0.645	ug/l	97
31) Cyclohexane	8.086	56	8559	1.331	ug/l	# 16
36) 1,1-Dichloropropene	8.088	75	30327	4.680	ug/l	# 52
38) Carbon Tetrachloride	8.088	117	42798	5.727	ug/l	# 17
43) Isopropyl Acetate	8.665	43	22426	2.536	ug/l	# 58
48) Methyl methacrylate	9.630	41	1833	0.497	ug/l	# 47
59) 2-Hexanone	11.095	43	8333	2.209	ug/l	# 63
76) 1,2,3-Trichloropropane	12.733	75	162160	28.283	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	162160	92.660	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.268	180	897	2.833	ug/l	# 72
95) Naphthalene	15.509	128	7696	3.875	ug/l	# 89
96) 1,2,3-Trichlorobenzene	15.700	180	989	3.002	ug/l	# 75

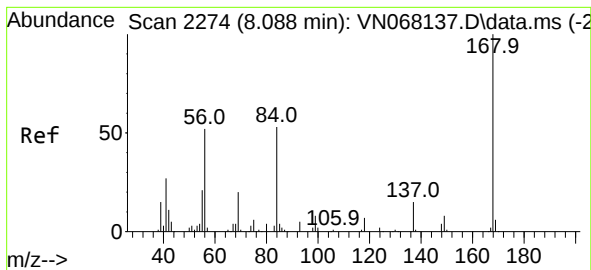
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
Data File : VN068324.D
Acq On : 26 Aug 2021 17:03
Operator : JC/MD
Sample : M3534-08RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

Quant Time: Aug 27 05:53:59 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN068324.D

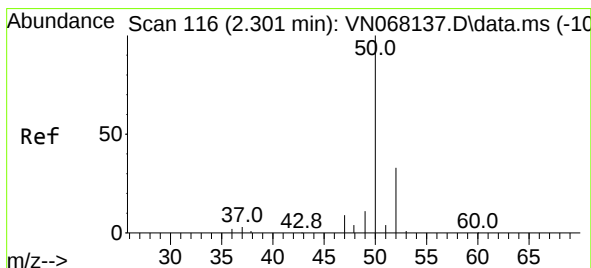
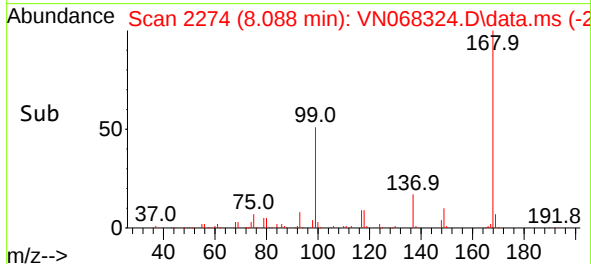
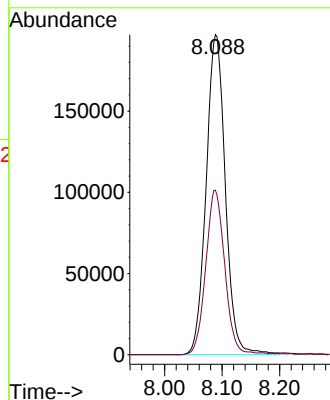
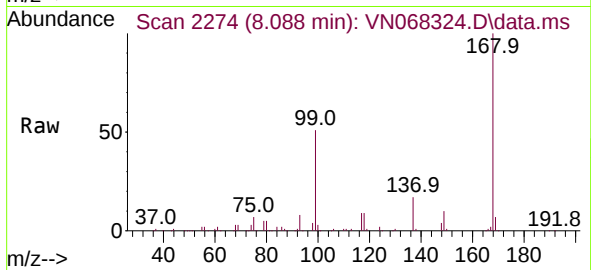
Acq: 26 Aug 2021 17:03

Tgt Ion:168 Resp: 457320

Ion Ratio Lower Upper

168 100

99 51.4 62.9 94.3#



#3

Chloromethane

Concen: 0.411 ug/l

RT: 2.306 min Scan# 118

Delta R.T. 0.005 min

Lab File: VN068324.D

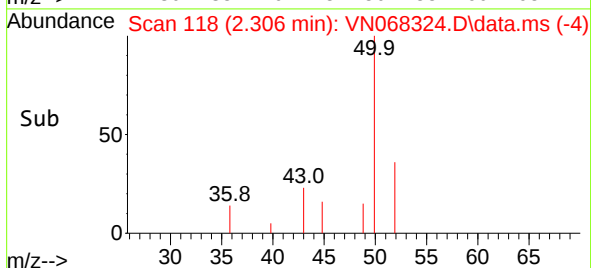
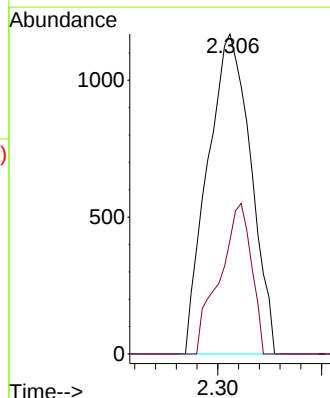
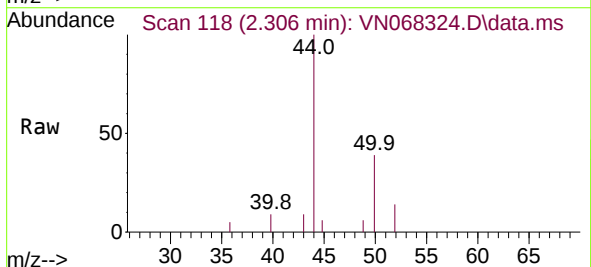
Acq: 26 Aug 2021 17:03

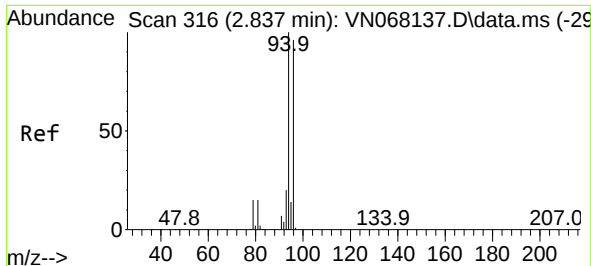
Tgt Ion: 50 Resp: 1682

Ion Ratio Lower Upper

50 100

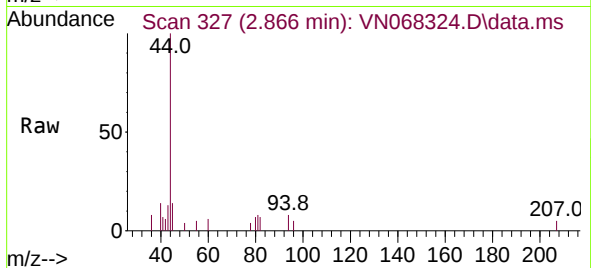
52 35.5 25.6 38.4



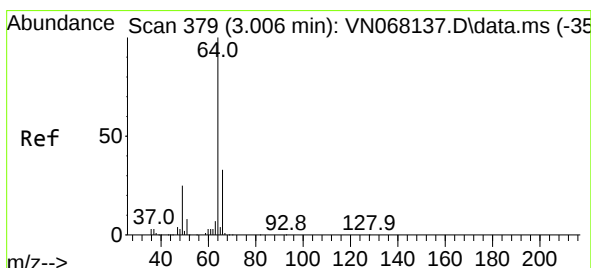
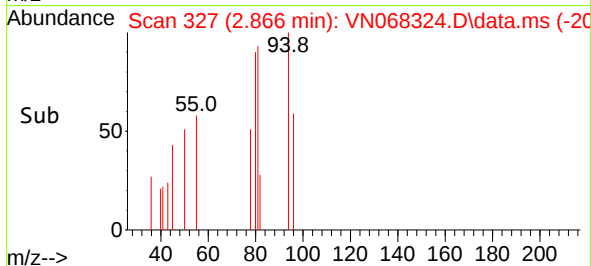
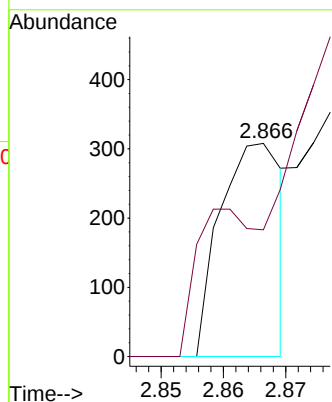


#5
Bromomethane
Concen: Below Cal
RT: 2.866 min Scan# 327
Delta R.T. 0.029 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

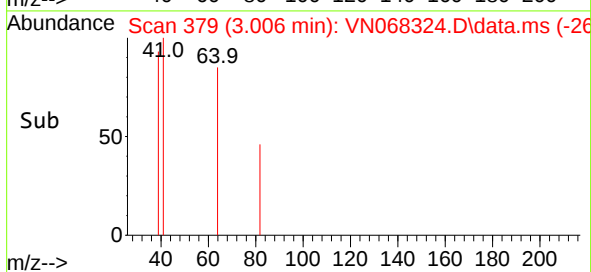
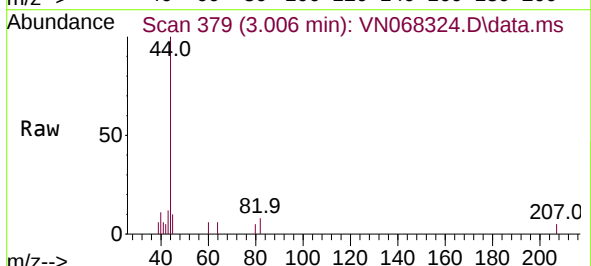
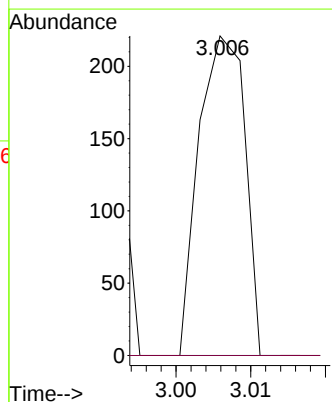


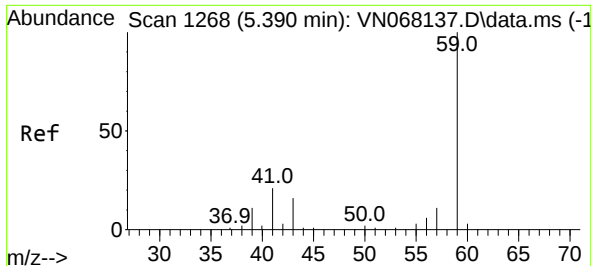
Tgt Ion: 94 Resp: 212
Ion Ratio Lower Upper
94 100
96 59.4 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.006 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

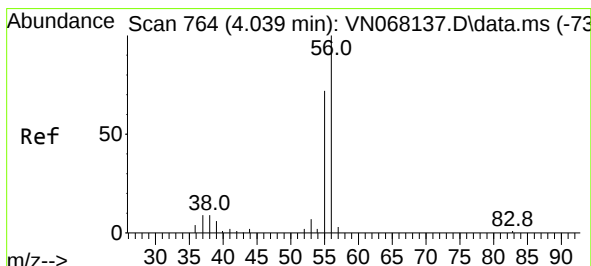
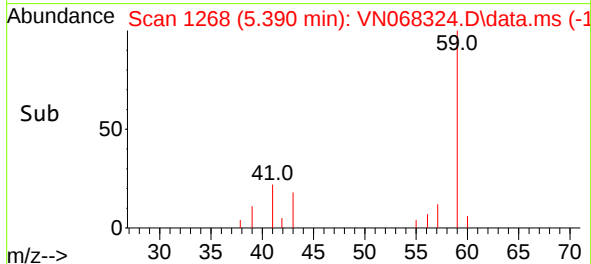
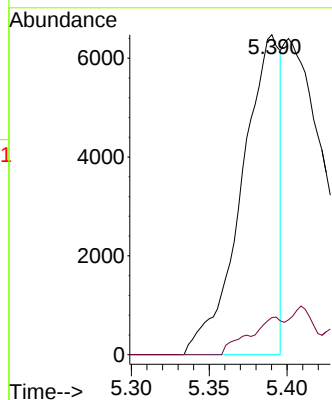
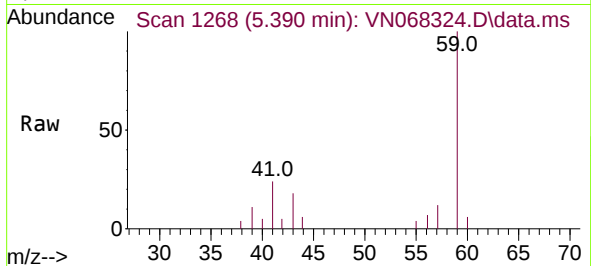




#11
Tert butyl alcohol
Concen: 18.256 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

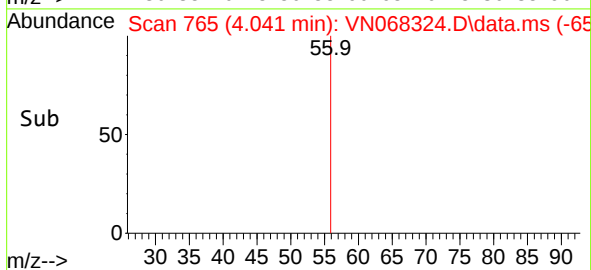
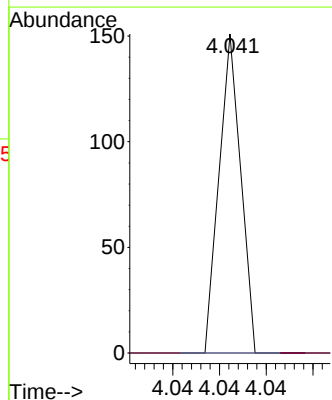
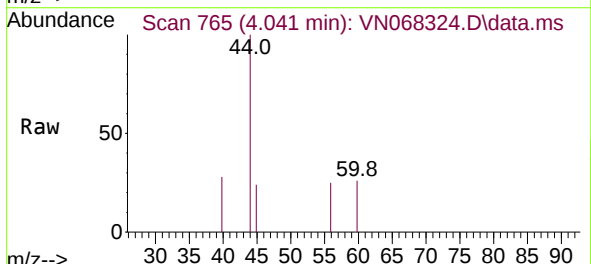
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

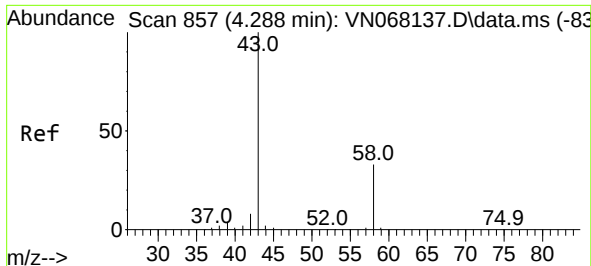
Tgt Ion: 59 Resp: 11117
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

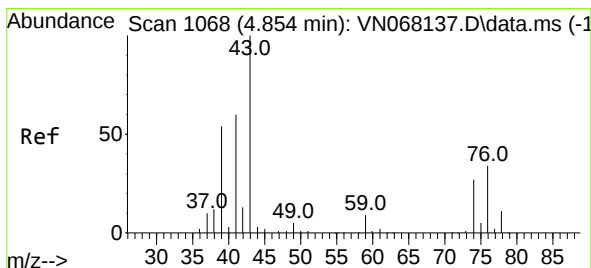
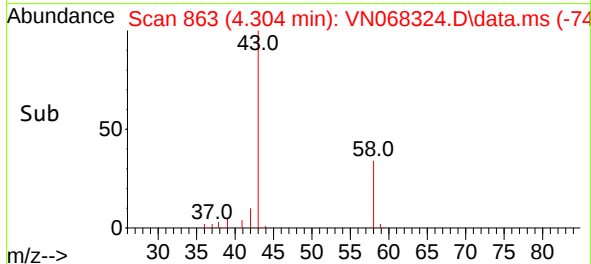
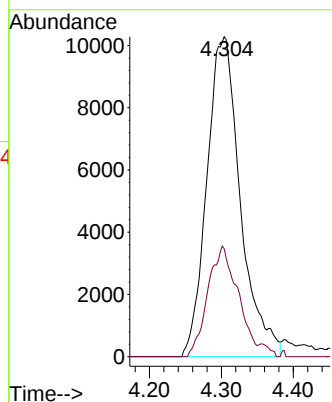
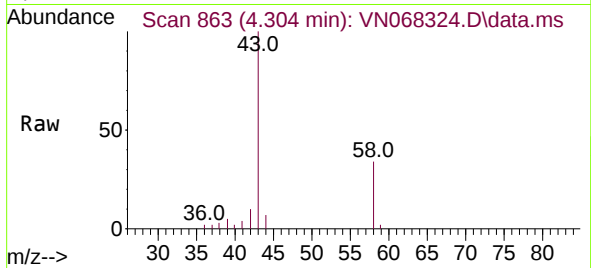




#16
Acetone
Concen: 23.355 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

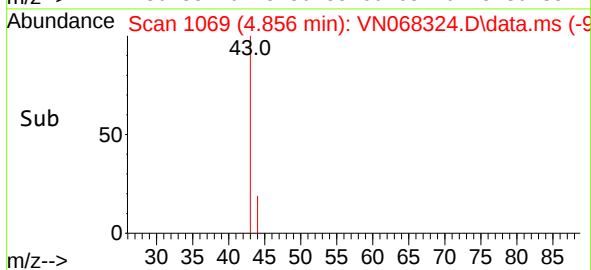
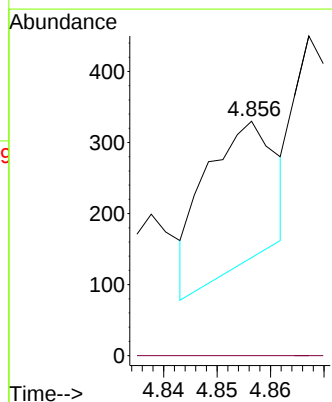
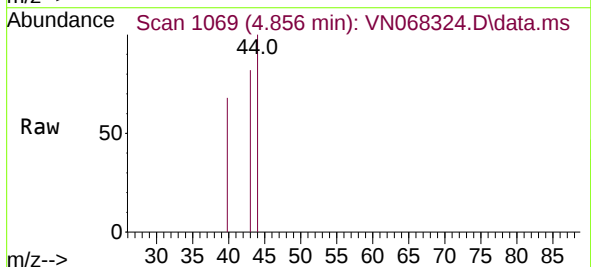
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

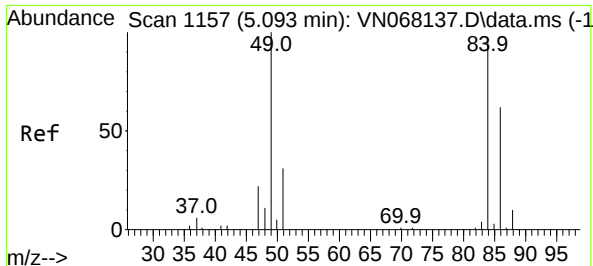
Tgt Ion: 43 Resp: 33296
Ion Ratio Lower Upper
43 100
58 33.7 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN068324.D

Acq: 26 Aug 2021 17:03

Instrument :

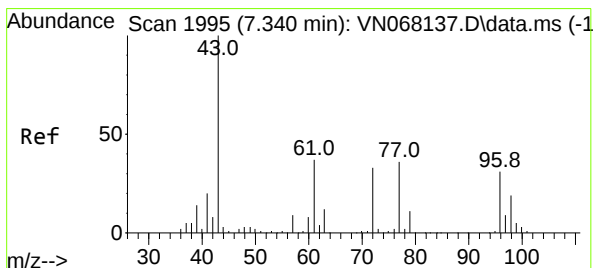
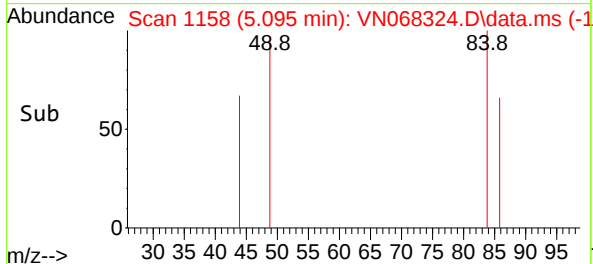
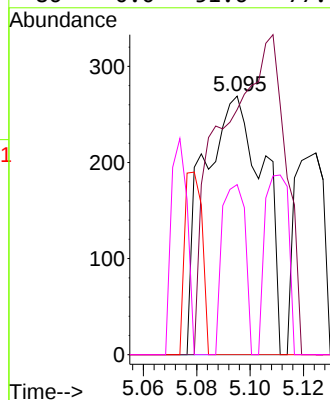
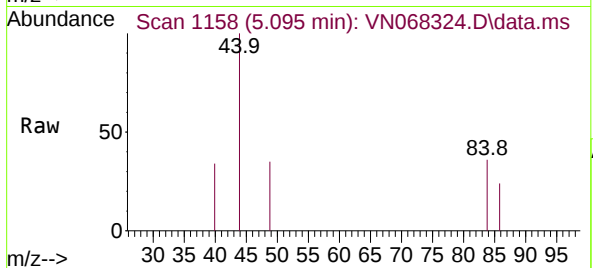
MSVOA_N

ClientSampleId :

BP-TT-VPB-RW7-EB-20210824RE

Tgt Ion: 84 Resp: 417

Ion	Ratio	Lower	Upper
84	100		
49	94.8	110.9	166.3#
51	0.0	32.6	49.0#
86	0.0	51.6	77.4#



#25

2-Butanone

Concen: 0.645 ug/l

RT: 7.353 min Scan# 2000

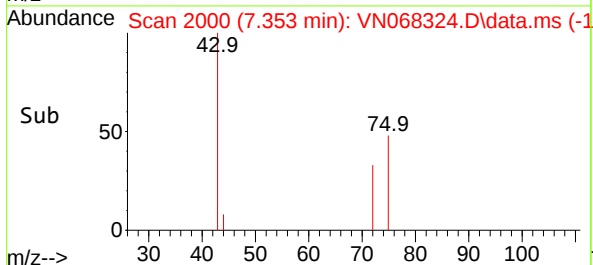
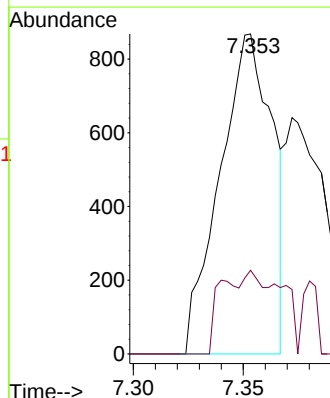
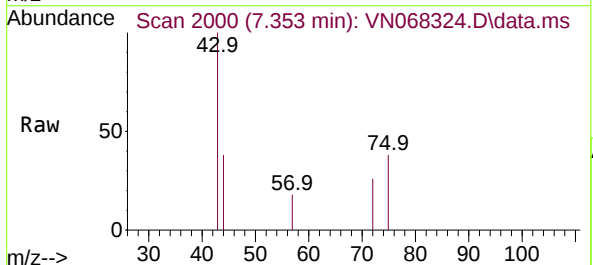
Delta R.T. 0.013 min

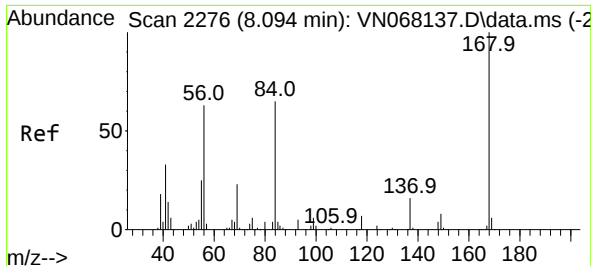
Lab File: VN068324.D

Acq: 26 Aug 2021 17:03

Tgt Ion: 43 Resp: 1434

Ion	Ratio	Lower	Upper
43	100		
72	26.2	19.7	29.5

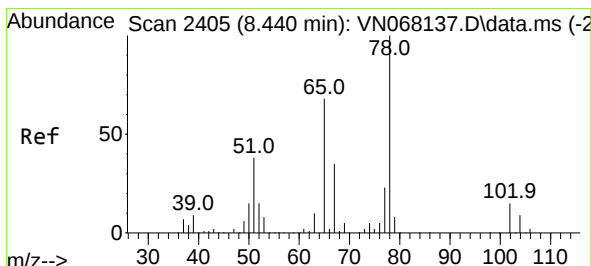
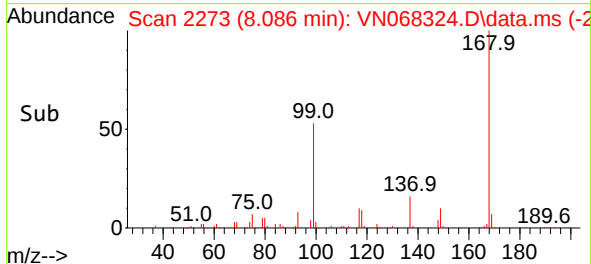
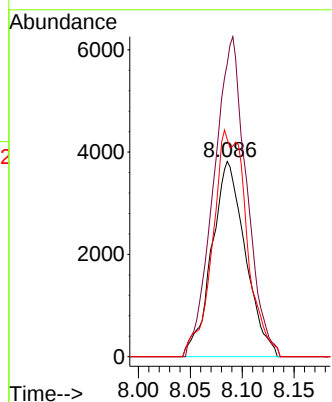
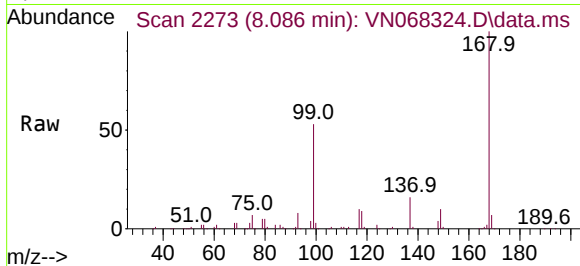




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

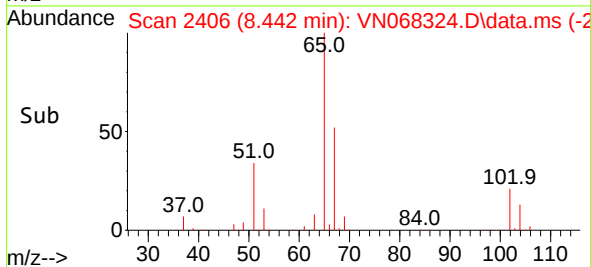
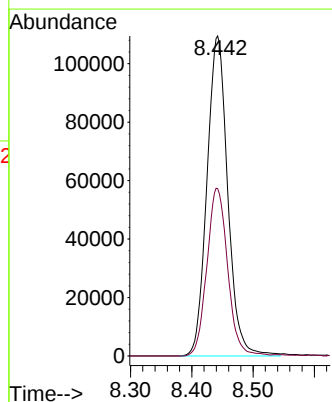
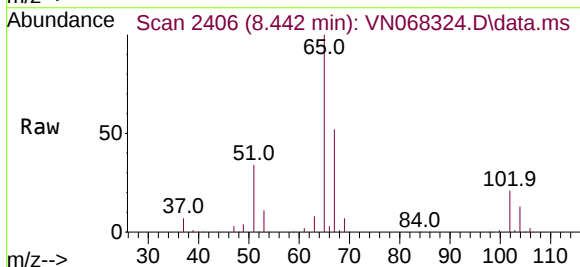
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

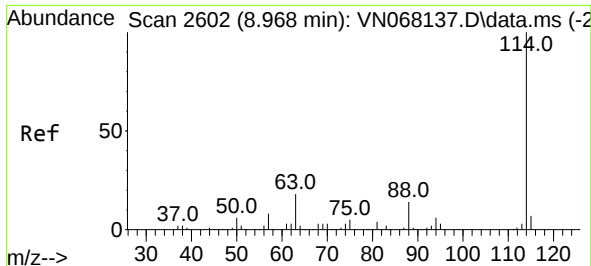
Tgt Ion: 56 Resp: 8559
Ion Ratio Lower Upper
56 100
69 150.1 27.3 40.9#
84 111.2 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 52.855 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion: 65 Resp: 258085
Ion Ratio Lower Upper
65 100
67 52.3 0.0 98.6

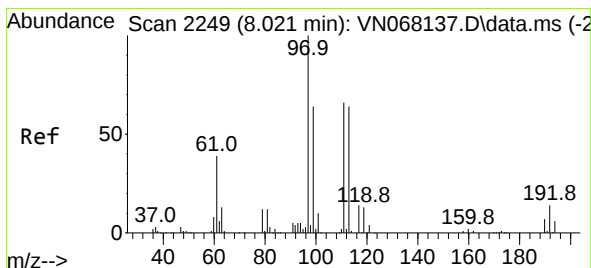
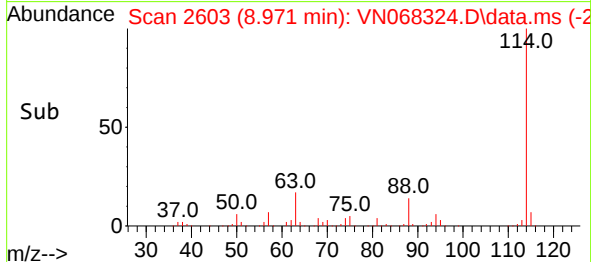
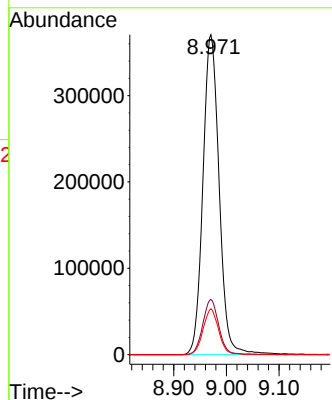
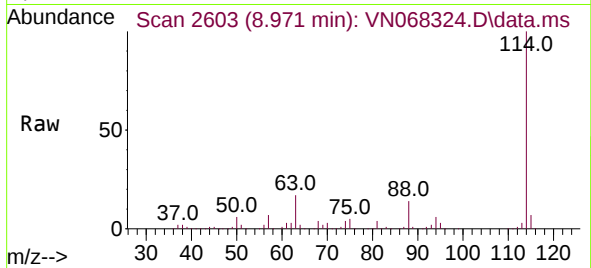




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

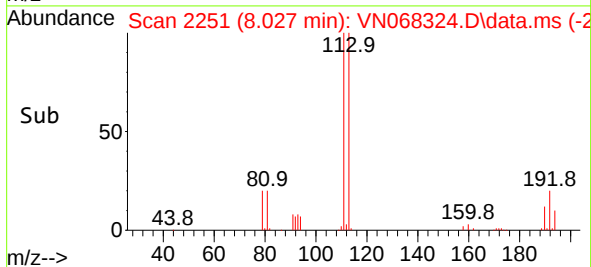
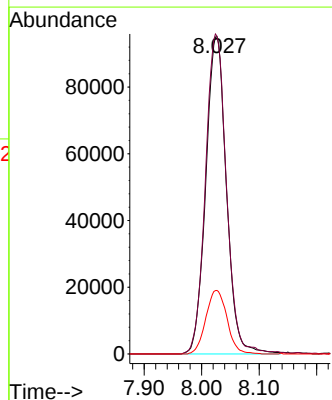
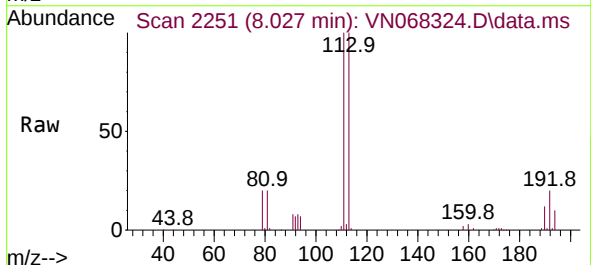
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

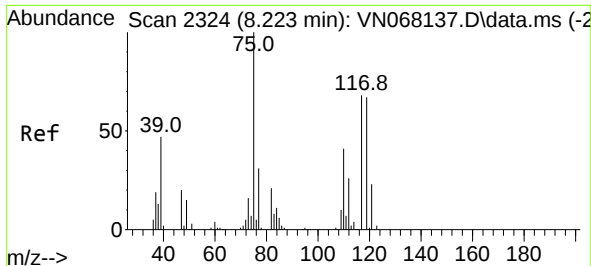
Tgt Ion:114 Resp: 792645
Ion Ratio Lower Upper
114 100
63 17.2 0.0 49.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.719 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion:113 Resp: 237472
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.8
192 20.5 13.4 20.0#

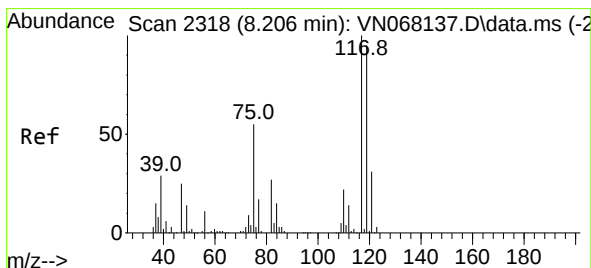
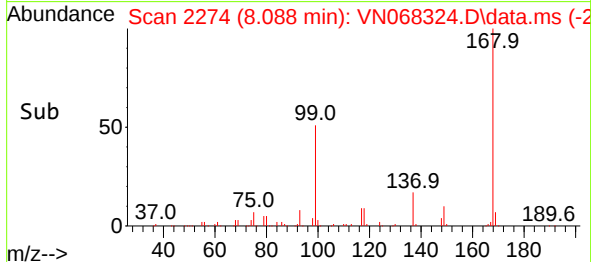
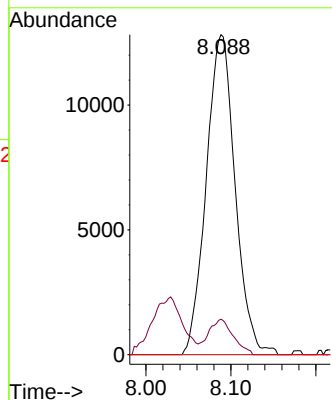
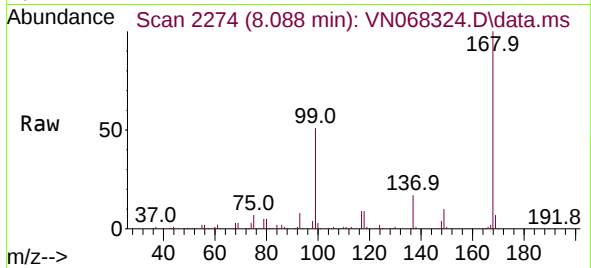




#36
 1,1-Dichloropropene
 Concen: 4.680 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.135 min
 Lab File: VN068324.D
 Acq: 26 Aug 2021 17:03

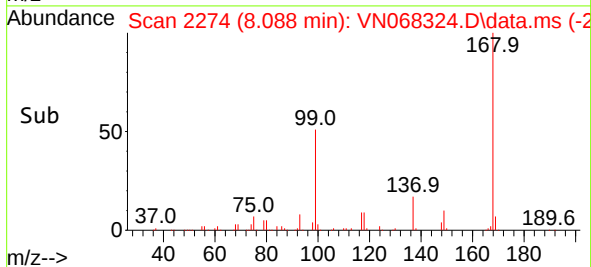
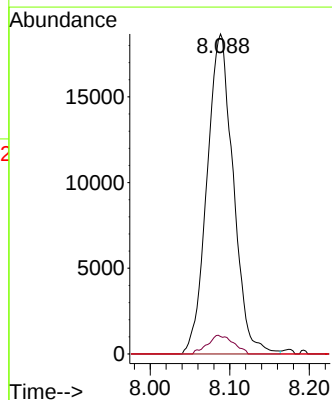
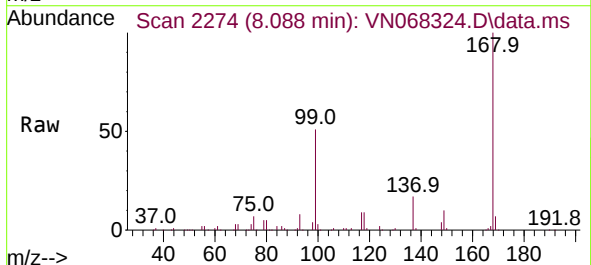
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-EB-20210824RE

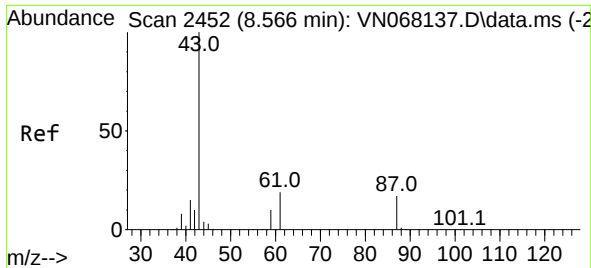
Tgt Ion: 75 Resp: 30327
 Ion Ratio Lower Upper
 75 100
 110 9.3 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.727 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.118 min
 Lab File: VN068324.D
 Acq: 26 Aug 2021 17:03

Tgt Ion: 117 Resp: 42798
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.4 113.2#
 121 0.0 23.5 35.3#

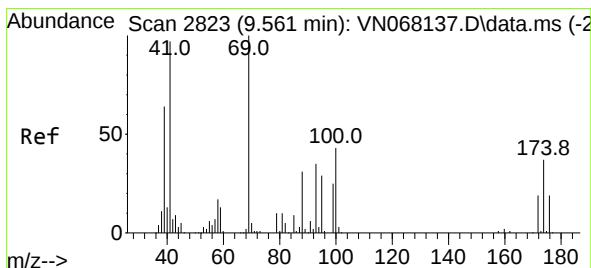
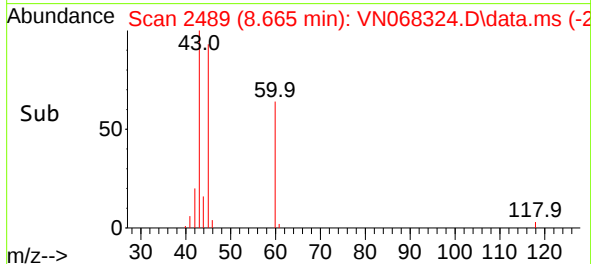
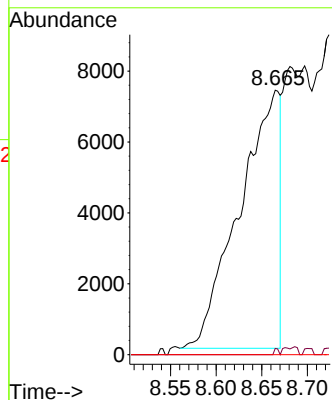
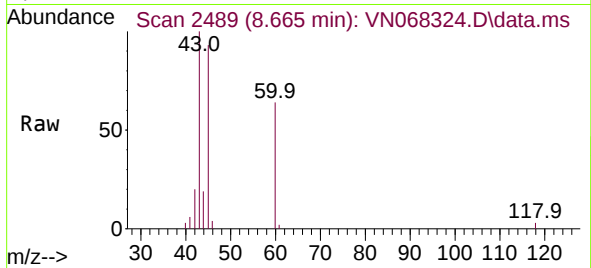




#43
Isopropyl Acetate
Concen: 2.536 ug/l
RT: 8.665 min Scan# 2489
Delta R.T. 0.099 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

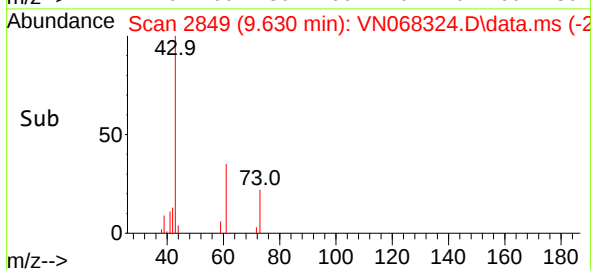
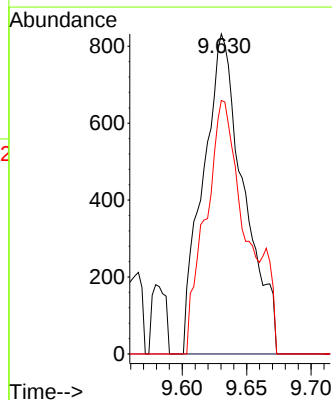
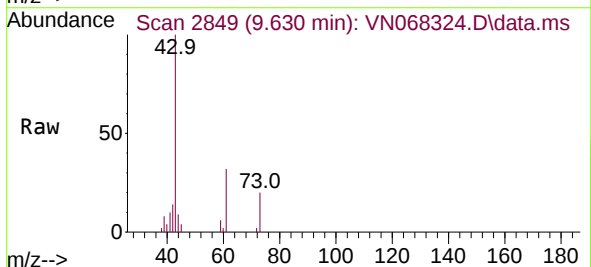
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

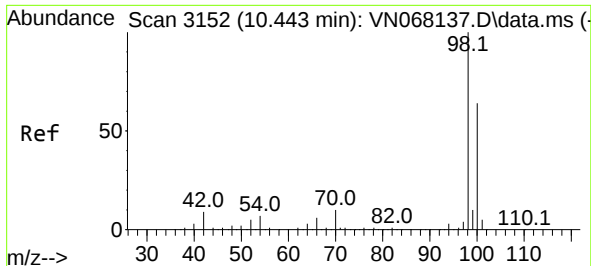
Tgt Ion: 43	Resp: 22426
Ion Ratio	Lower Upper
43	100
61	0.0 19.0 28.4#
87	0.0 9.5 14.3#



#48
Methyl methacrylate
Concen: 0.497 ug/l
RT: 9.630 min Scan# 2849
Delta R.T. 0.069 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion: 41	Resp: 1833
Ion Ratio	Lower Upper
41	100
69	0.0 64.6 96.8#
39	71.8 53.3 79.9

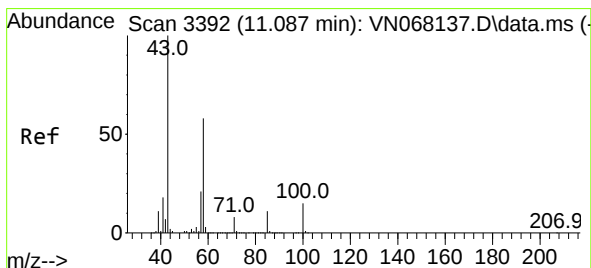
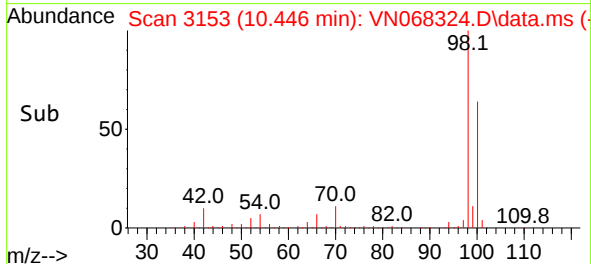
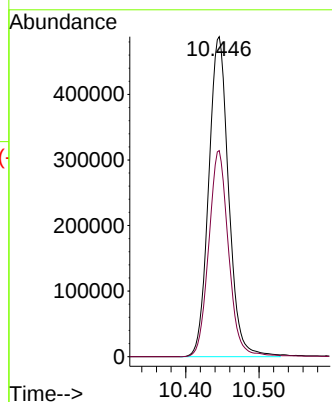
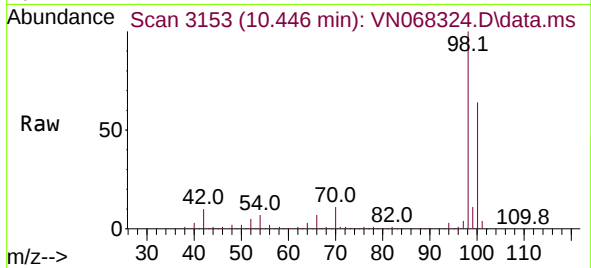




#50
Toluene-d8
Concen: 48.715 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

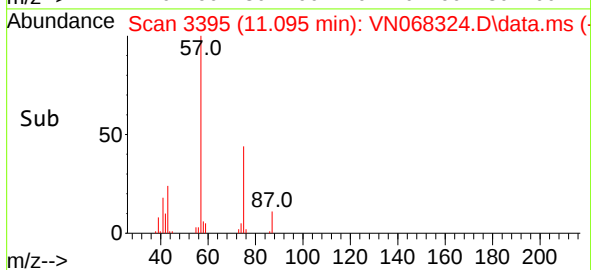
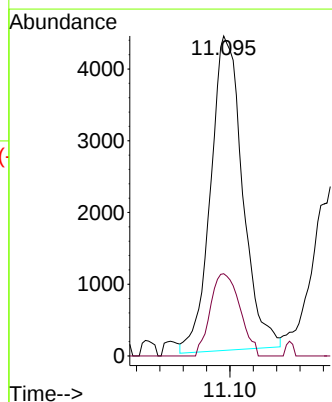
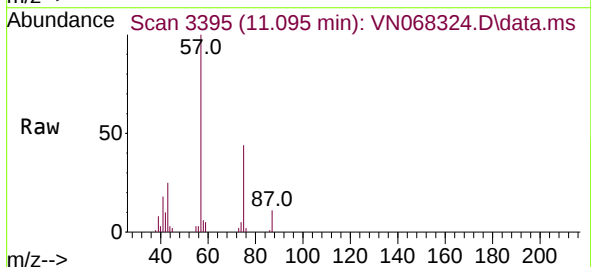
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

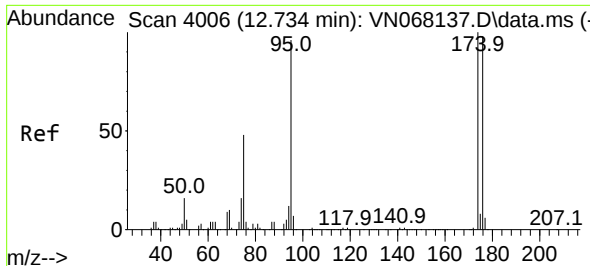
Tgt Ion: 98 Resp: 923735
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#59
2-Hexanone
Concen: 2.209 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion: 43 Resp: 8333
Ion Ratio Lower Upper
43 100
58 24.1 24.7 74.1#

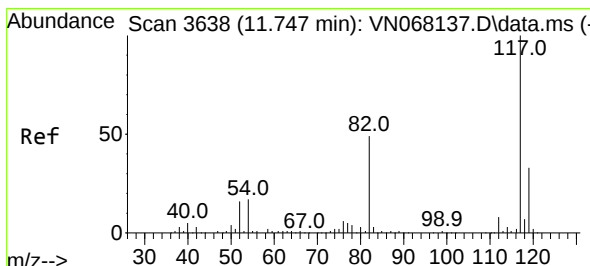
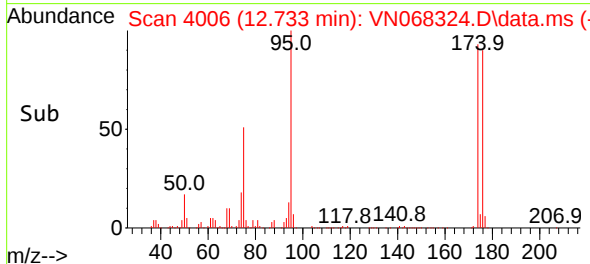
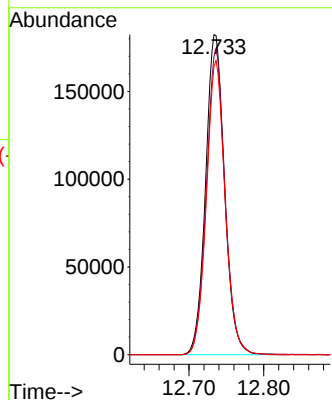
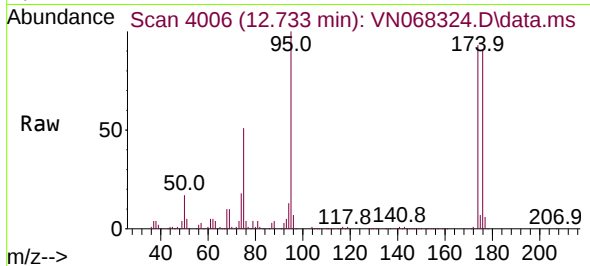




#62
4-Bromofluorobenzene
Concen: 50.771 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

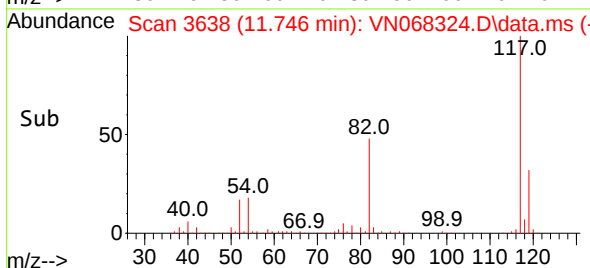
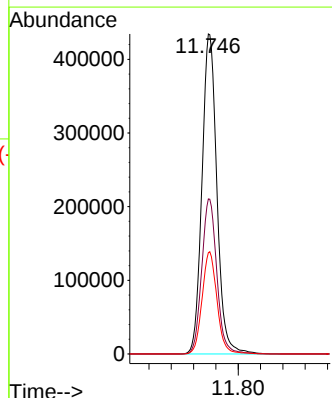
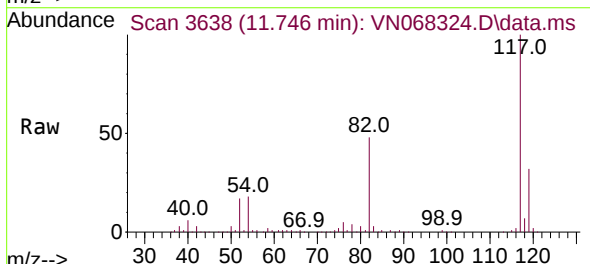
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

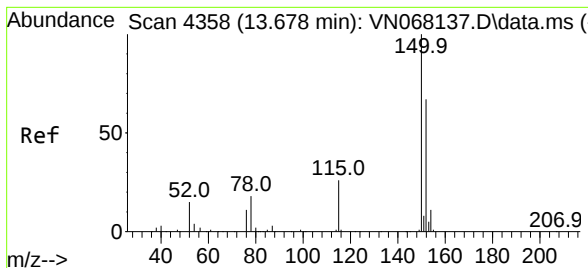
Tgt Ion: 95 Resp: 320482
Ion Ratio Lower Upper
95 100
174 95.3 0.0 122.0
176 90.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion: 117 Resp: 806804
Ion Ratio Lower Upper
117 100
82 48.5 53.1 79.7#
119 31.7 25.5 38.3

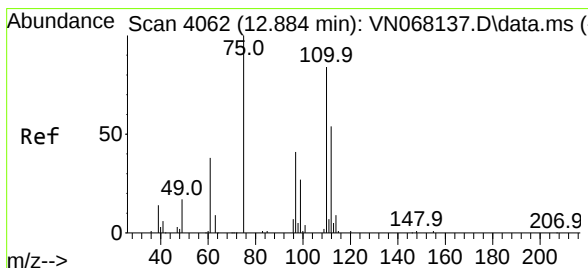
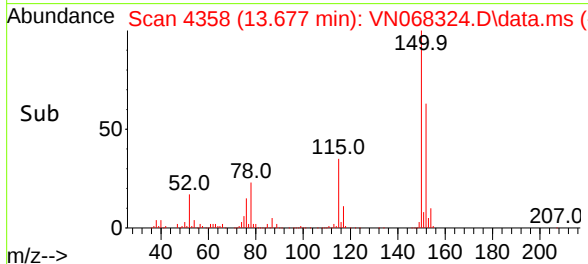
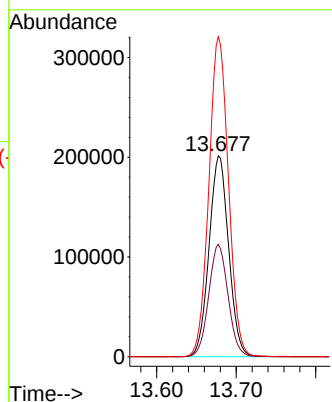
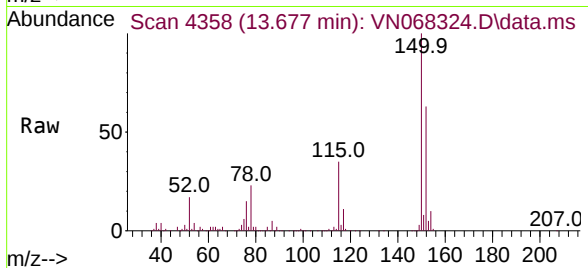




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

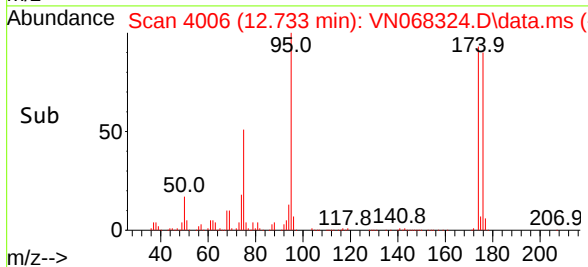
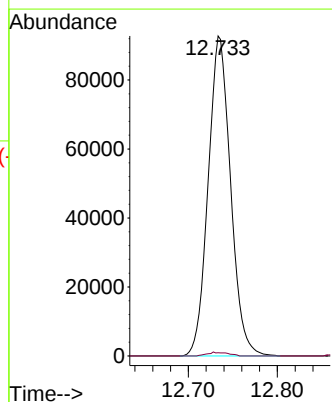
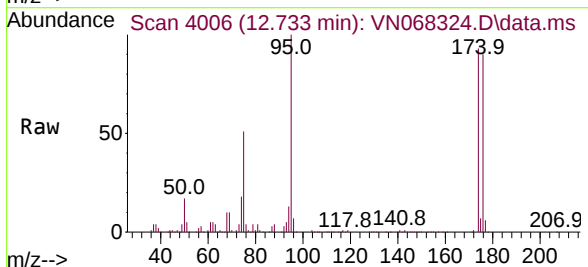
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

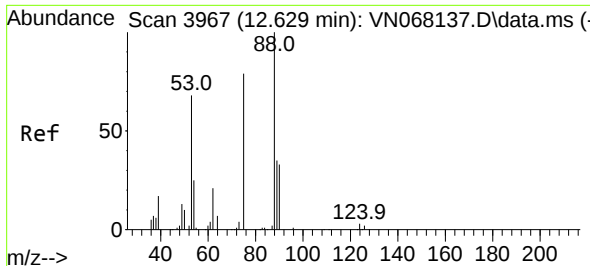
Tgt Ion:152 Resp: 344954
Ion Ratio Lower Upper
152 100
115 55.1 36.1 108.5
150 159.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 28.283 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion: 75 Resp: 162160
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

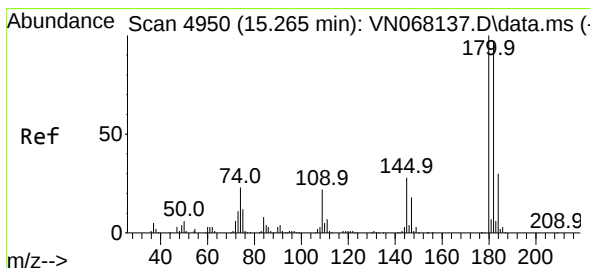
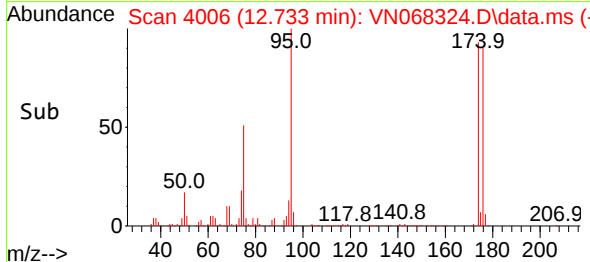
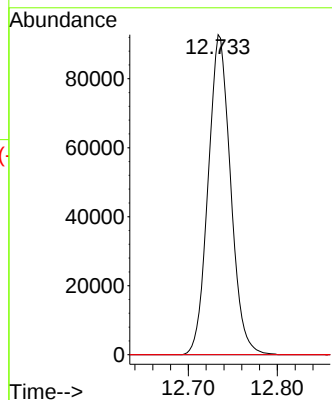
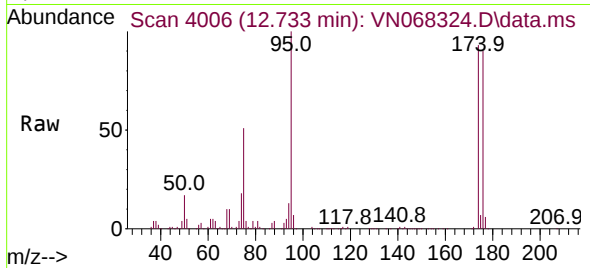




#81
trans-1,4-Dichloro-2-butene
Concen: 92.660 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

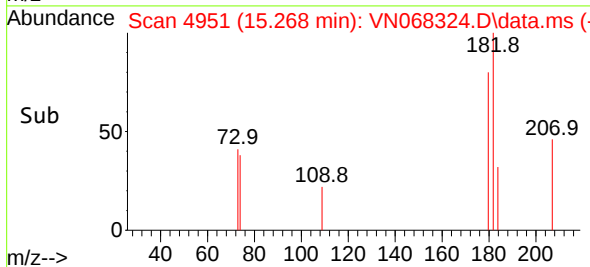
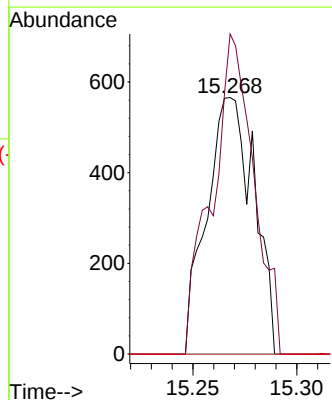
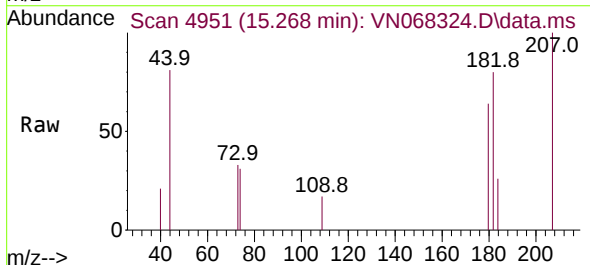
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

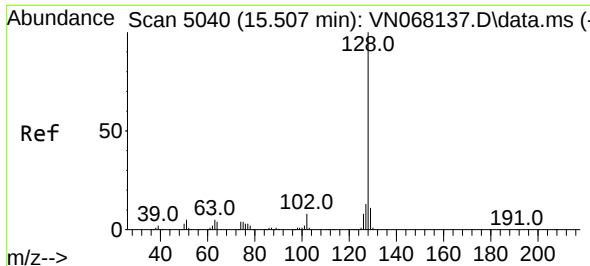
Tgt Ion: 75 Resp: 162160
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.833 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion:180 Resp: 897
Ion Ratio Lower Upper
180 100
182 110.7 47.5 142.5
145 0.0 17.2 51.6#

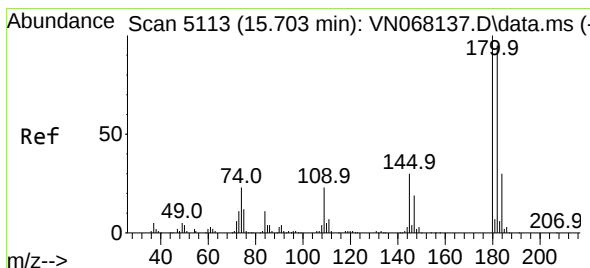
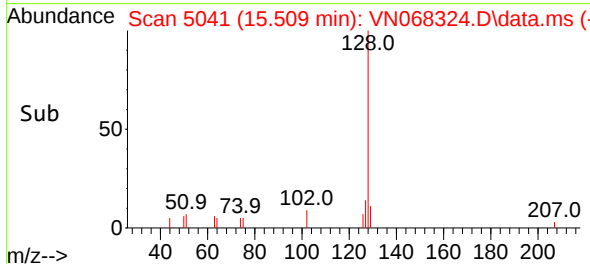
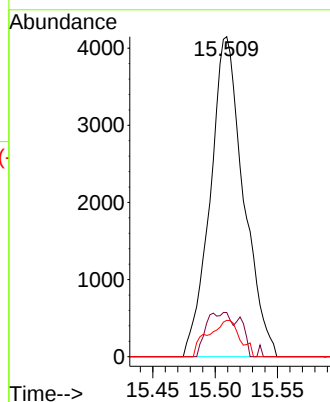
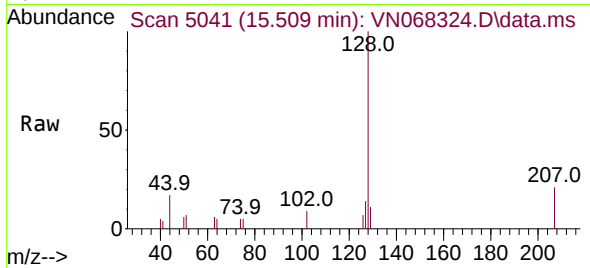




#95
Naphthalene
Concen: 3.875 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-EB-20210824RE

Tgt Ion:128 Resp: 7696
Ion Ratio Lower Upper
128 100
127 5.2 10.6 15.8#
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.002 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068324.D
Acq: 26 Aug 2021 17:03

Tgt Ion:180 Resp: 989
Ion Ratio Lower Upper
180 100
182 76.0 47.8 143.3
145 13.1 18.2 54.6#

