

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068168.D
 Acq On : 18 Aug 2021 2:41
 Operator : JC/MD
 Sample : M3446-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW6B-TB-20210816

Quant Time: Aug 18 08:41:13 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)

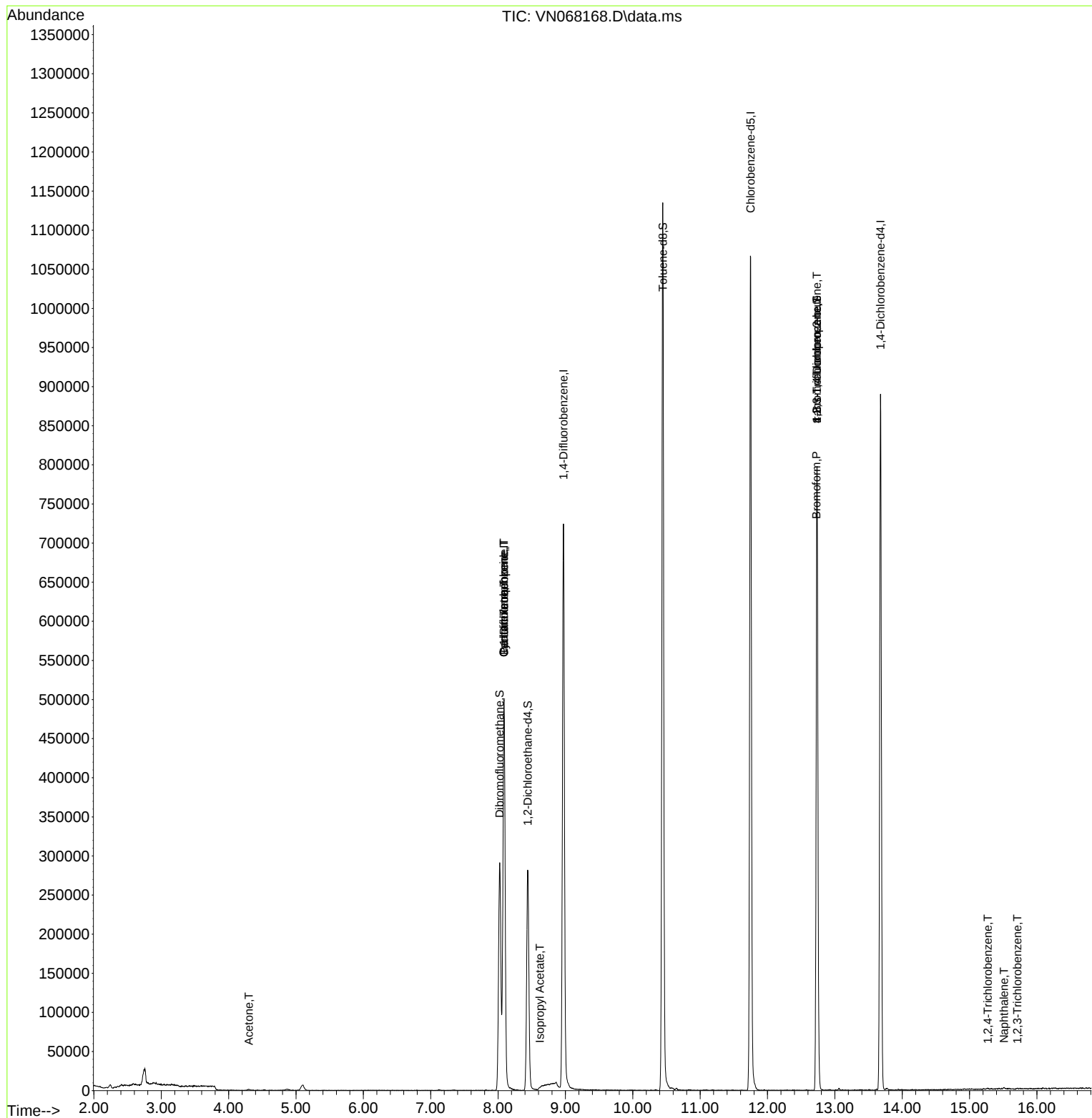
Internal Standards						
1) Pentafluorobenzene	8.088	168	413668	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	700530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	684024	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	270126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	240508	54.452	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 108.900%		
35) Dibromofluoromethane	8.024	113	214927	48.868	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 97.740%		
50) Toluene-d8	10.446	98	837576	49.980	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 99.960%		
62) 4-Bromofluorobenzene	12.733	95	279353	50.074	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 100.140%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.864	94	782	Below Cal	#	75
6) Chloroethane	3.030	64	25	Below Cal	#	44
13) Acrolein	4.047	56	123	Below Cal	#	1
16) Acetone	4.299	43	1803	1.398	ug/l #	48
18) Methyl Acetate	4.867	43	1631	Below Cal	#	63
20) Methylene Chloride	5.101	84	6067	Below Cal	#	73
31) Cyclohexane	8.086	56	7383	1.269	ug/l #	6
36) 1,1-Dichloropropene	8.088	75	27736	4.843	ug/l #	47
38) Carbon Tetrachloride	8.086	117	39417	5.968	ug/l #	18
43) Isopropyl Acetate	8.622	43	1811	0.232	ug/l #	58
71) Bromoform	12.728	173	1204	0.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	140652	31.327	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	140652	102.633	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.271	180	626	2.816	ug/l #	62
95) Naphthalene	15.509	128	2169	3.535	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.710	180	346	2.908	ug/l	87

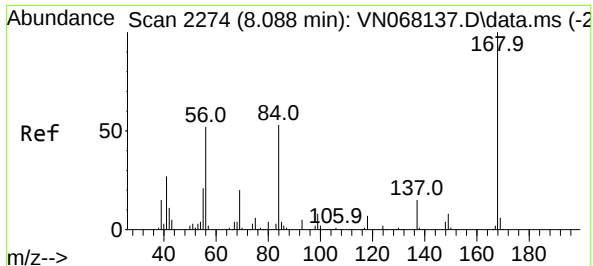
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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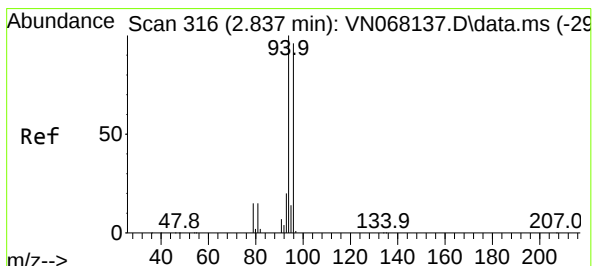
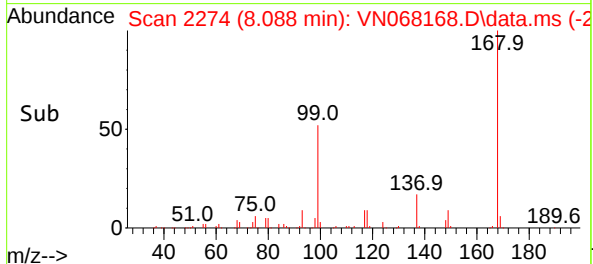
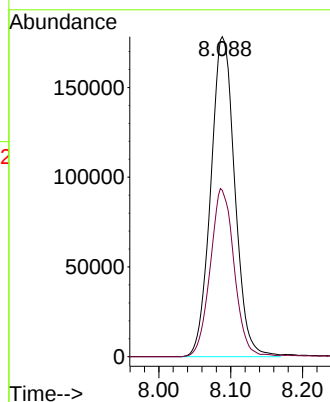
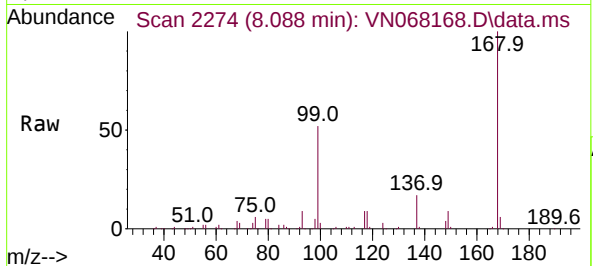




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

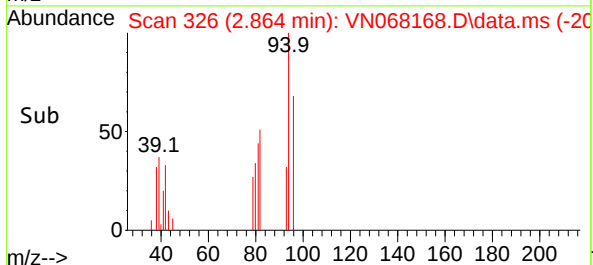
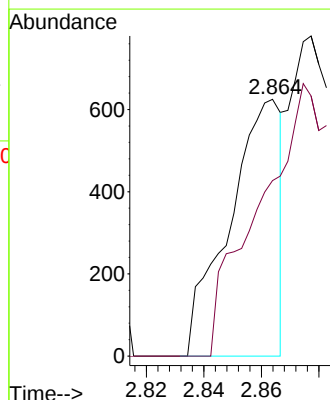
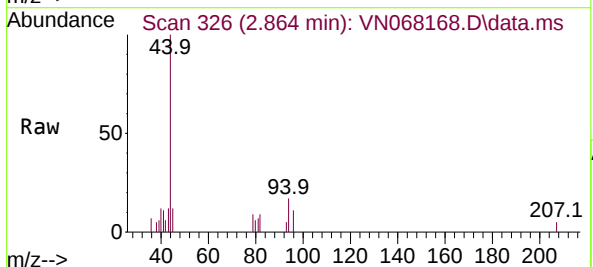
Instrument :
MSVOA_N
ClientSampleId :
RW6B-TB-20210816

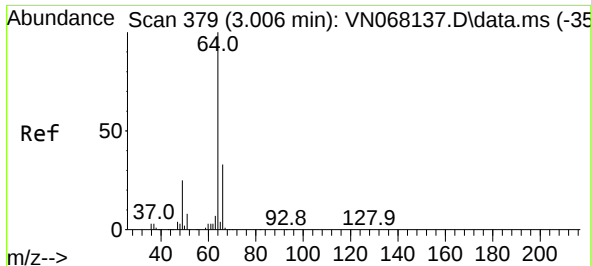
Tgt Ion:168 Resp: 413668
Ion Ratio Lower Upper
168 100
99 52.0 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.864 min Scan# 326
Delta R.T. 0.027 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion: 94 Resp: 782
Ion Ratio Lower Upper
94 100
96 68.3 73.7 110.5#

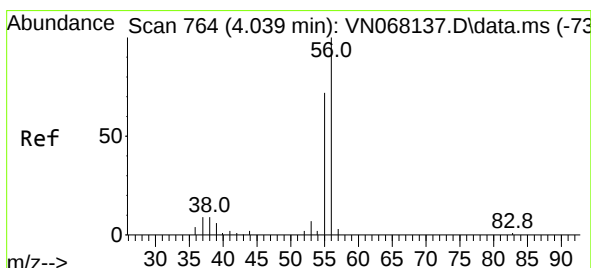
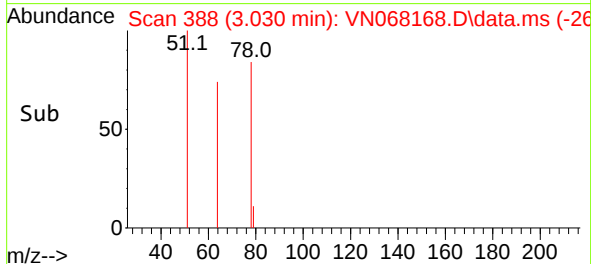
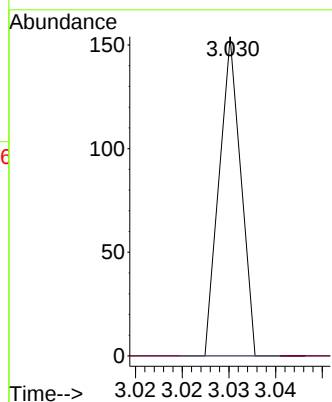
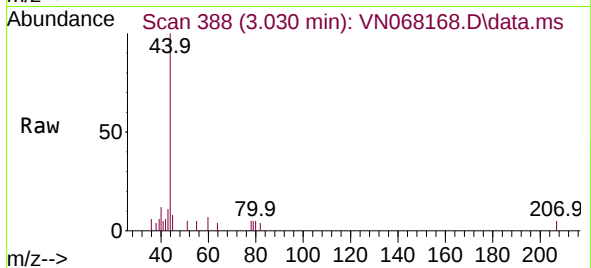




#6
Chloroethane
Concen: Below Cal
RT: 3.030 min Scan# 388
Delta R.T. 0.024 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

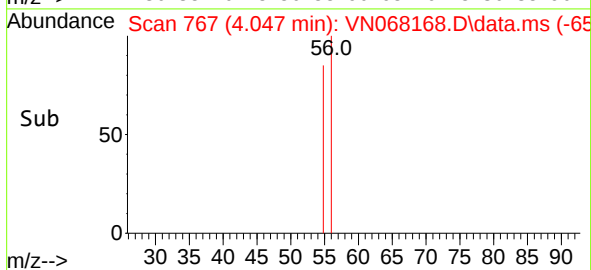
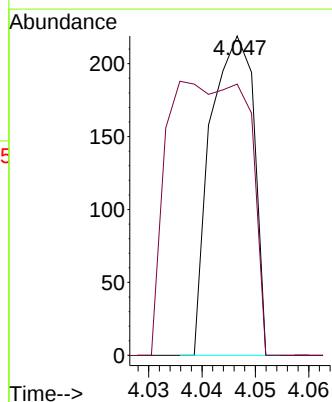
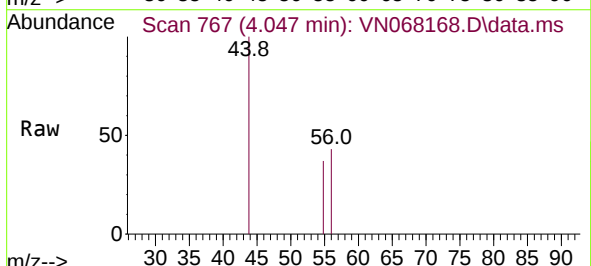
Instrument :
MSVOA_N
ClientSampleId :
RW6B-TB-20210816

Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: Below Cal
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 162.6 57.4 86.0#

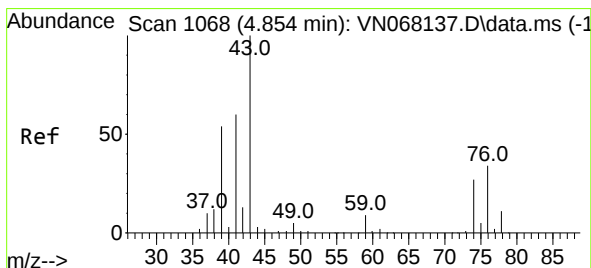
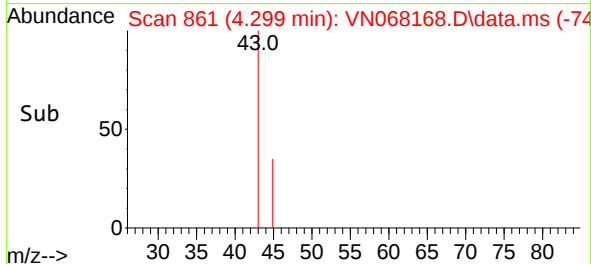
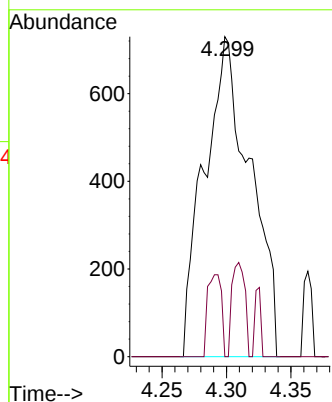
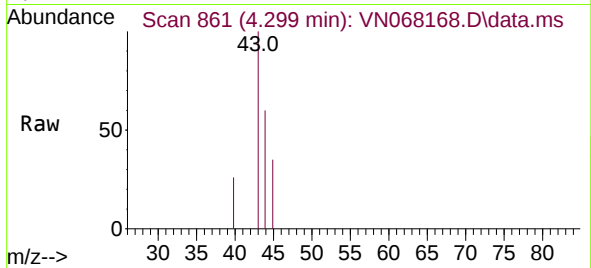




#16
Acetone
Concen: 1.398 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

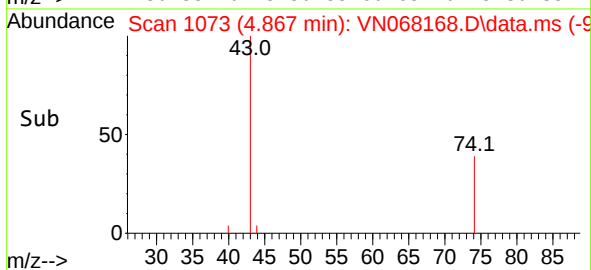
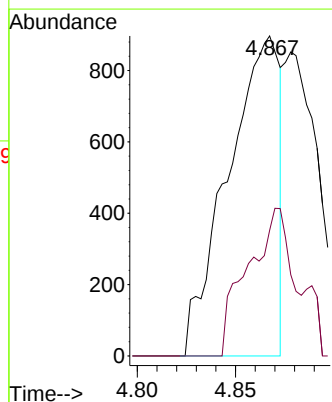
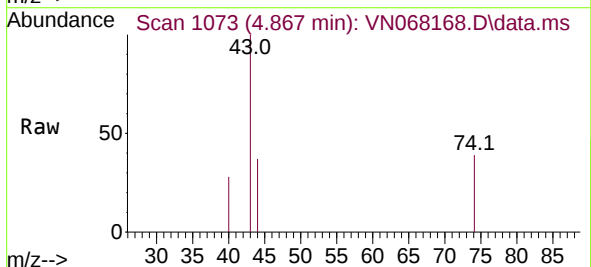
Instrument :
MSVOA_N
ClientSampleId :
RW6B-TB-20210816

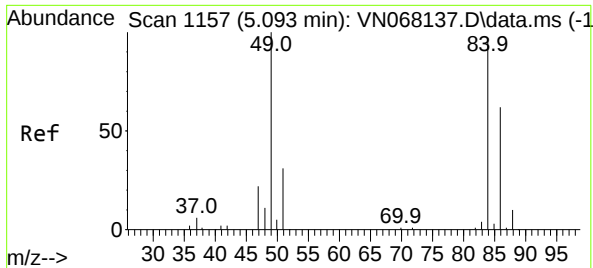
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

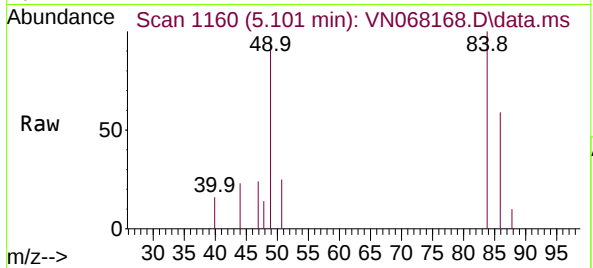
Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
74 39.2 17.4 26.0#



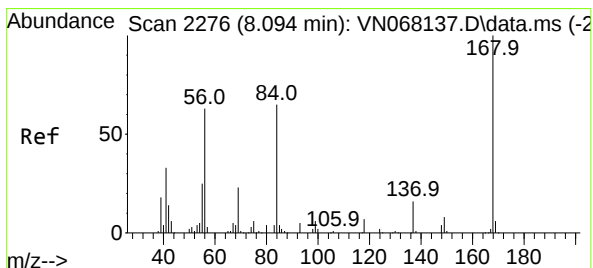
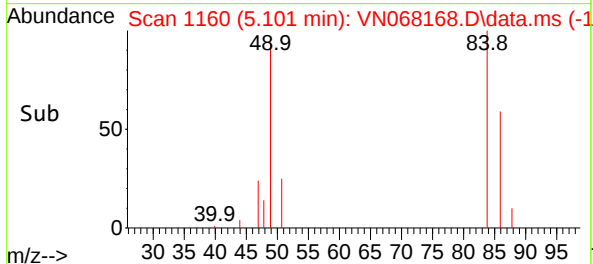
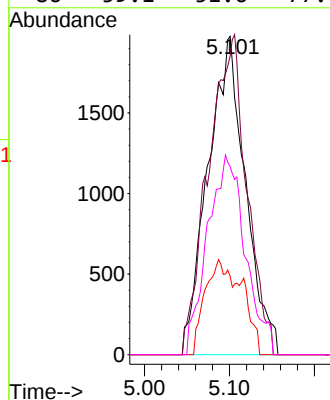


#20
Methylene Chloride
Concen: Below Cal
RT: 5.101 min Scan# 1160
Delta R.T. 0.008 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Instrument :
MSVOA_N
ClientSampleId :
RW6B-TB-20210816

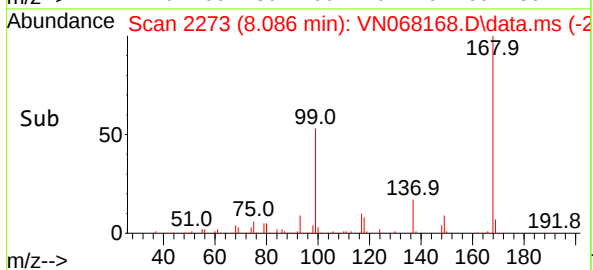
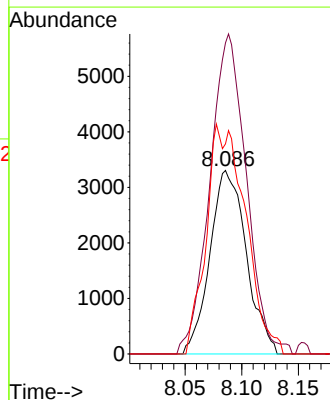
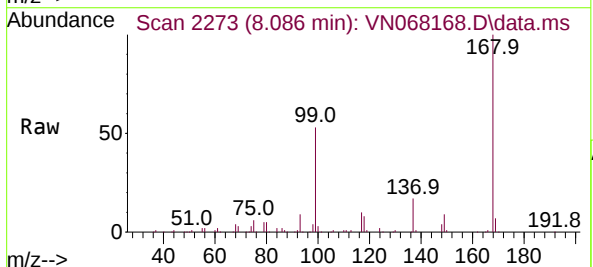


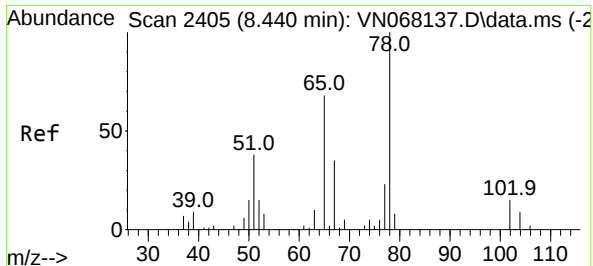
Tgt Ion:	84	Resp:	6067
Ion	Ratio	Lower	Upper
84	100		
49	93.9	110.9	166.3#
51	24.6	32.6	49.0#
86	59.1	51.6	77.4



#31
Cyclohexane
Concen: 1.269 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion:	56	Resp:	7383
Ion	Ratio	Lower	Upper
56	100		
69	164.1	27.3	40.9#
84	114.5	64.9	97.3#





#33

1,2-Dichloroethane-d4

Concen: 54.452 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN068168.D

Acq: 18 Aug 2021 2:41

Tgt Ion: 65 Resp: 240508

Ion Ratio Lower Upper

65 100

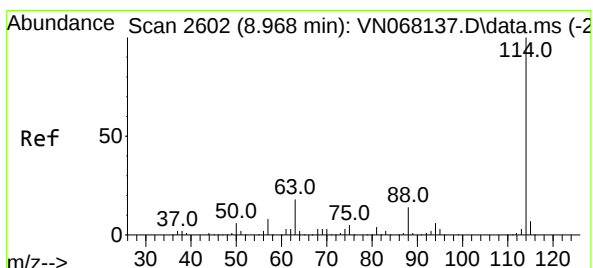
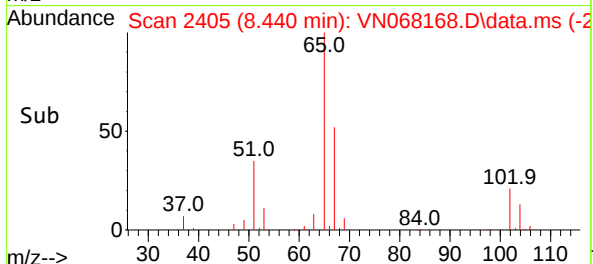
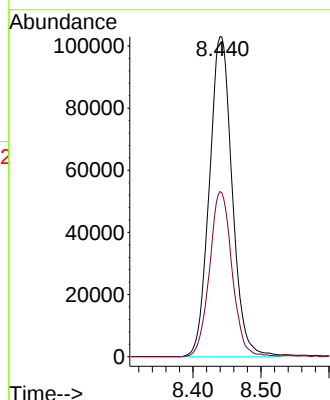
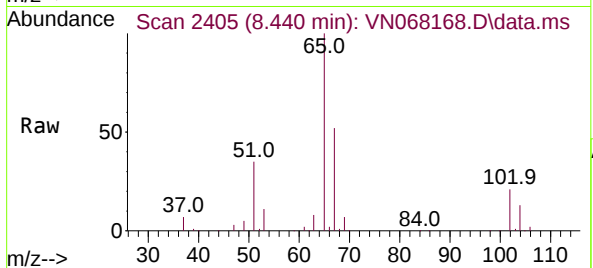
67 50.9 0.0 98.6

Instrument :

MSVOA_N

ClientSampleId :

RW6B-TB-20210816



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN068168.D

Acq: 18 Aug 2021 2:41

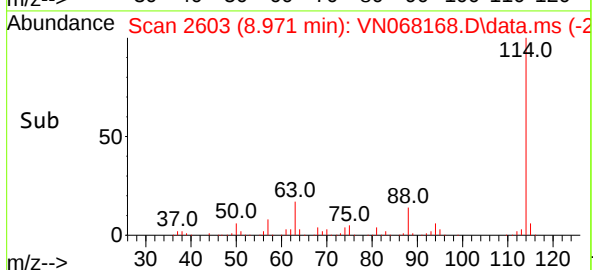
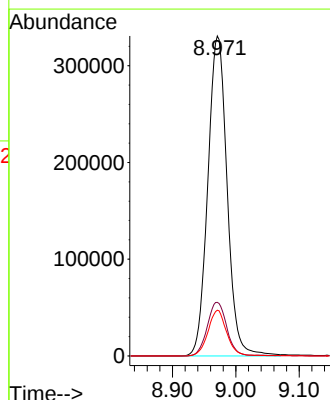
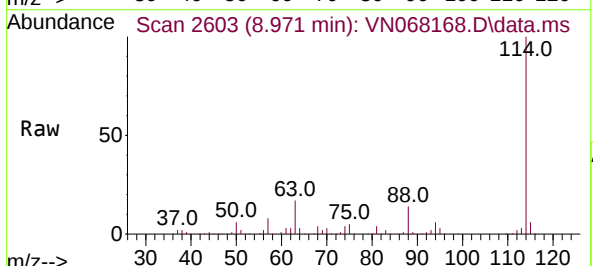
Tgt Ion: 114 Resp: 700530

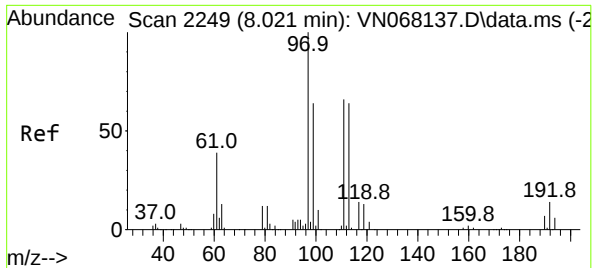
Ion Ratio Lower Upper

114 100

63 16.7 0.0 49.0

88 14.3 0.0 36.6

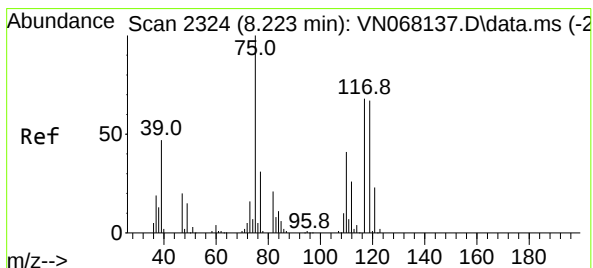
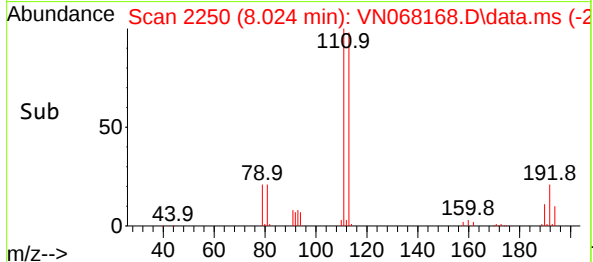
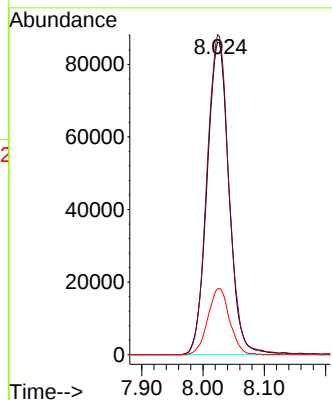
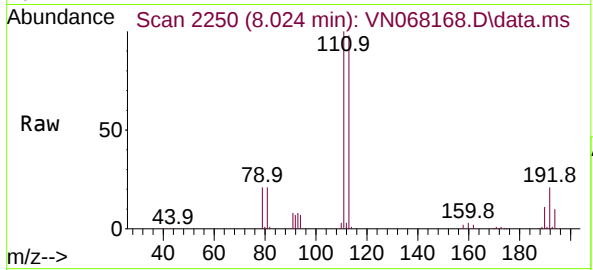




#35
Dibromofluoromethane
Concen: 48.868 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

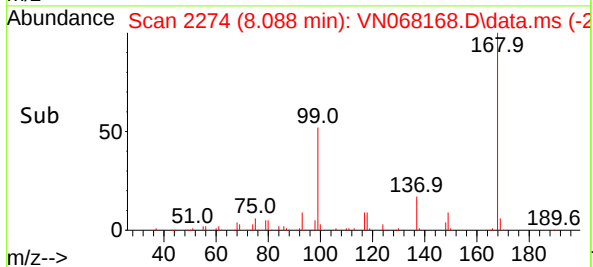
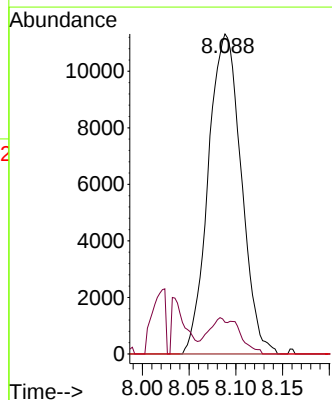
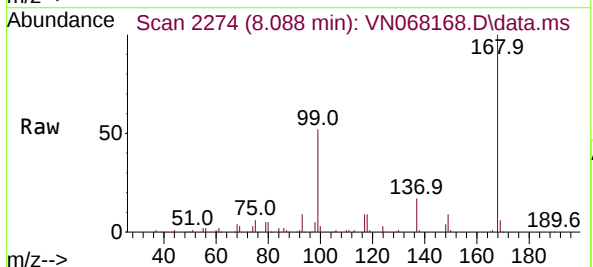
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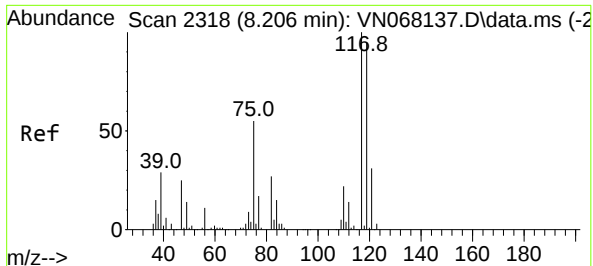
Tgt Ion:113 Resp: 214927
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.8
192 20.9 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.843 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion: 75 Resp: 27736
Ion Ratio Lower Upper
75 100
110 3.5 15.7 47.0#
77 0.0 24.6 37.0#

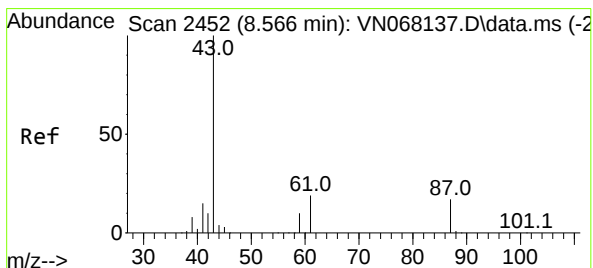
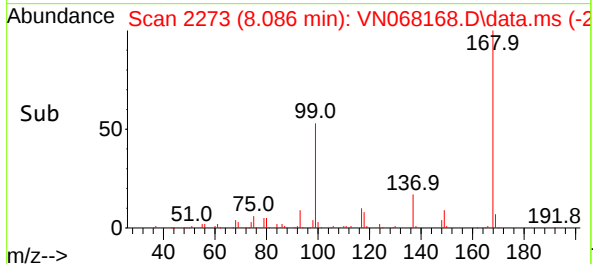
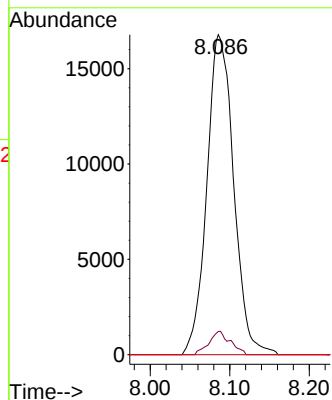
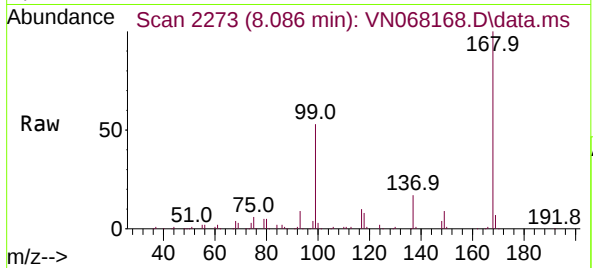




#38
Carbon Tetrachloride
Concen: 5.968 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

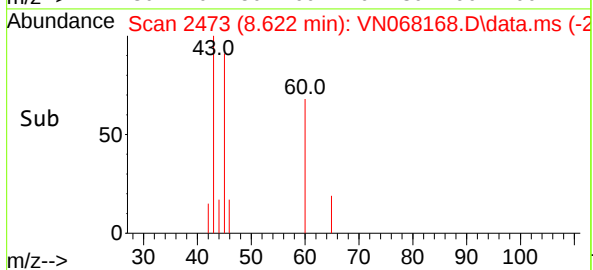
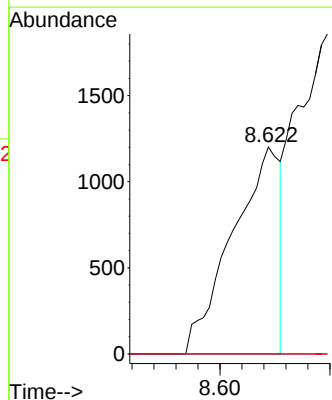
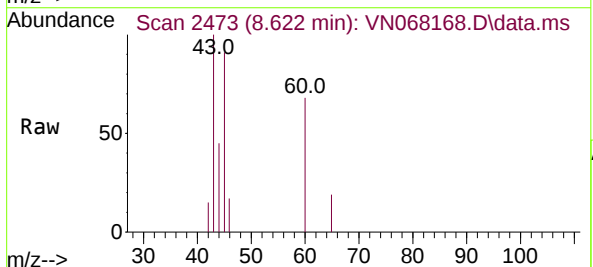
Instrument :
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RW6B-TB-20210816

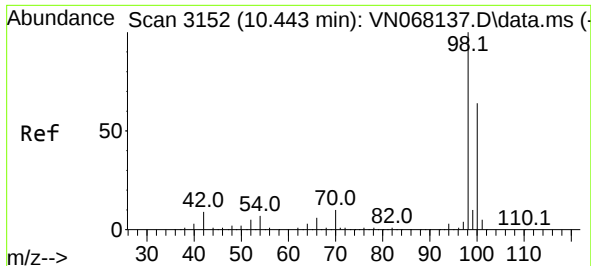
Tgt Ion:117 Resp: 39417
Ion Ratio Lower Upper
117 100
119 7.2 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.232 ug/l
RT: 8.622 min Scan# 2473
Delta R.T. 0.056 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion: 43 Resp: 1811
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

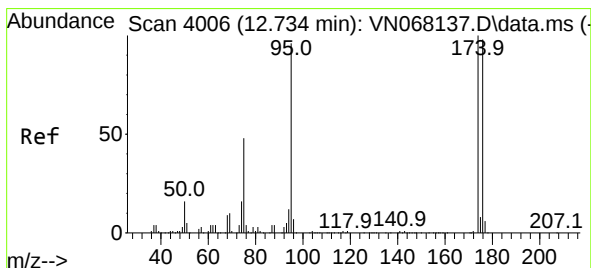
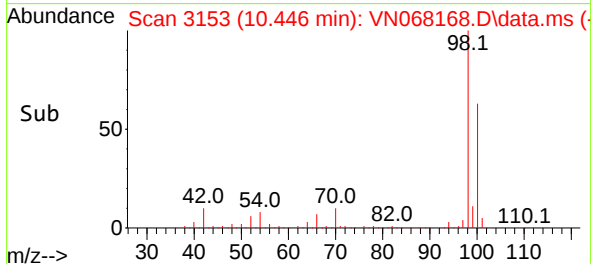
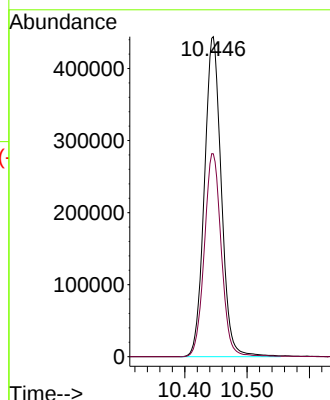
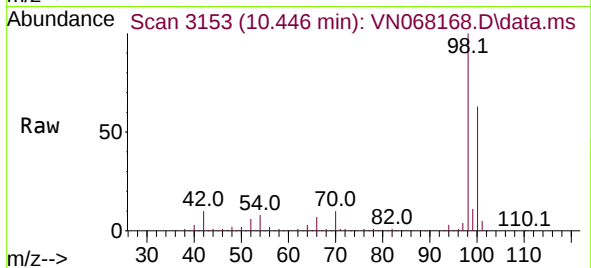




#50
Toluene-d8
Concen: 49.980 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

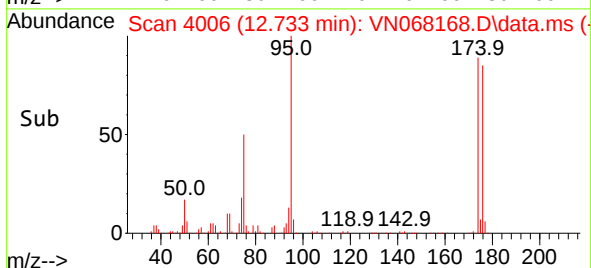
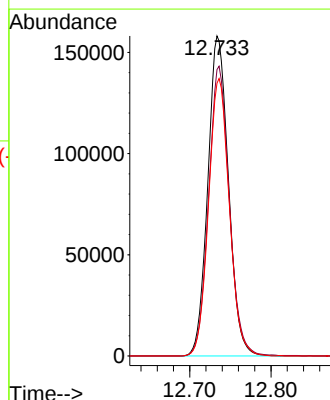
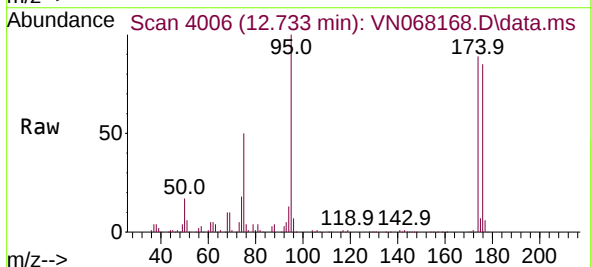
Instrument :
MSVOA_N
ClientSampleId :
RW6B-TB-20210816

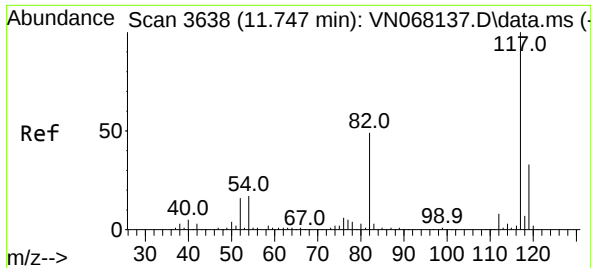
Tgt Ion: 98 Resp: 837576
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.074 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion: 95 Resp: 279353
Ion Ratio Lower Upper
95 100
174 90.8 0.0 122.0
176 87.3 0.0 117.6

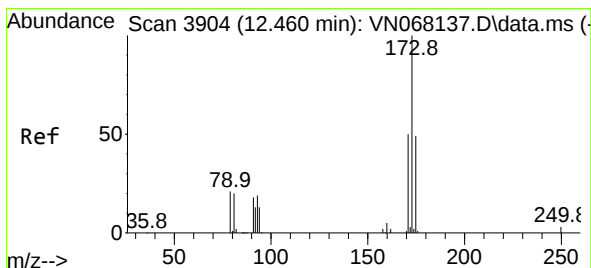
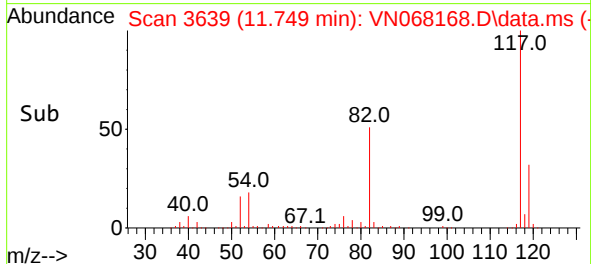
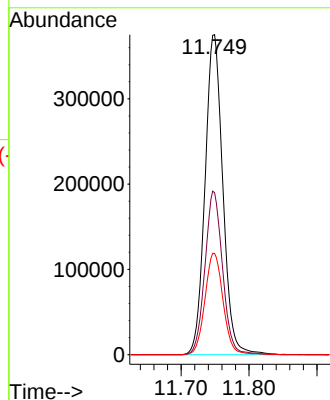
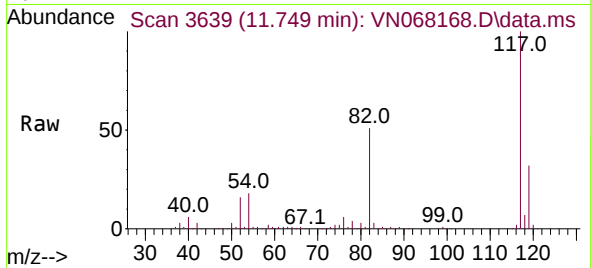




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

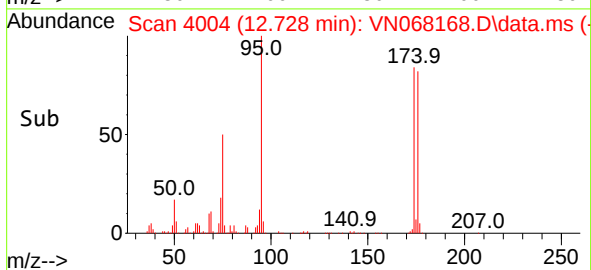
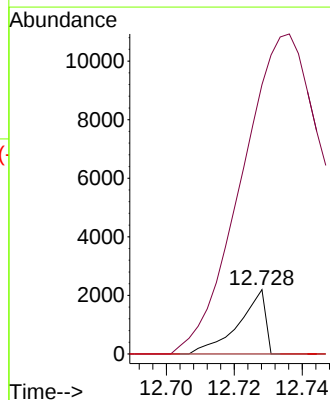
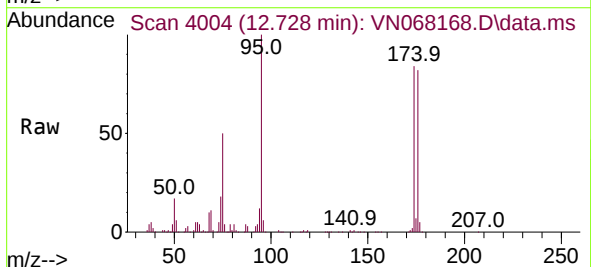
Instrument :
MSVOA_N
ClientSampleId :
RW6B-TB-20210816

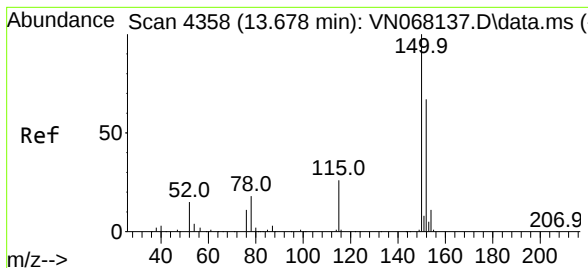
Tgt Ion:117 Resp: 684024
Ion Ratio Lower Upper
117 100
82 50.6 53.1 79.7#
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.284 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion:173 Resp: 1204
Ion Ratio Lower Upper
173 100
175 1447.2 23.9 71.8#
254 0.0 0.0 0.0

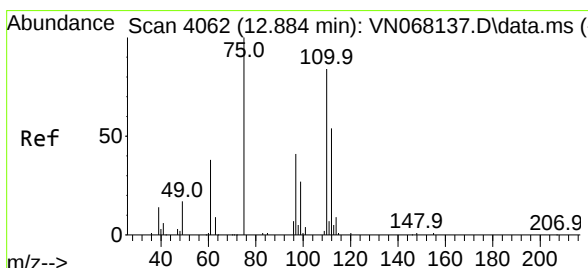
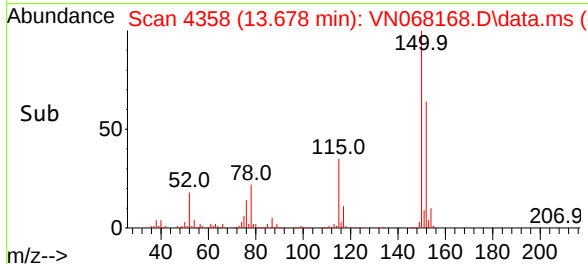
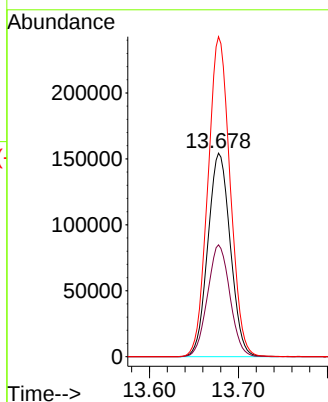
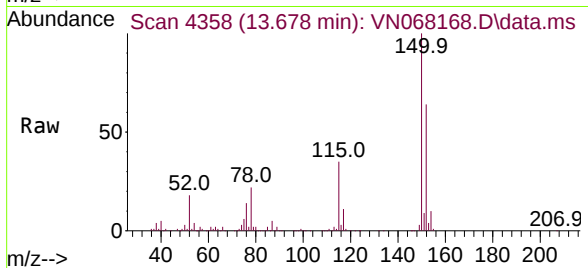




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

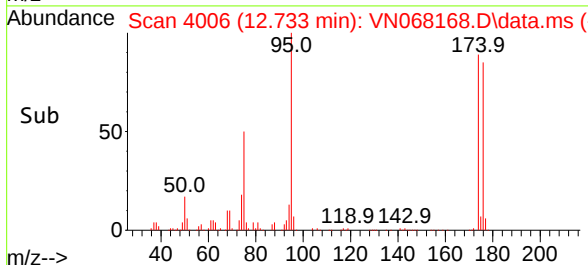
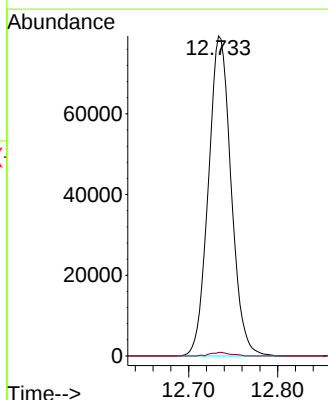
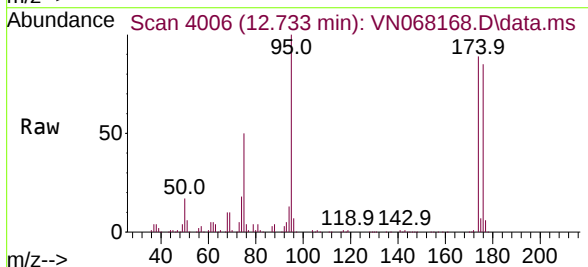
Instrument :
MSVOA_N
ClientSampleId :
RW6B-TB-20210816

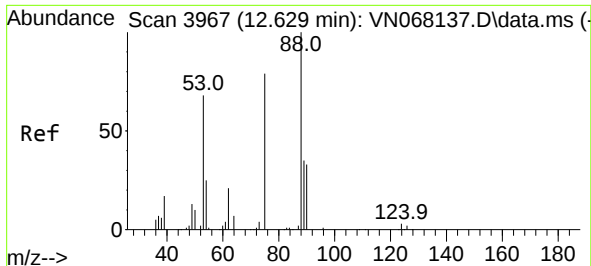
Tgt Ion:152 Resp: 270126
Ion Ratio Lower Upper
152 100
115 54.9 36.1 108.5
150 155.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 31.327 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion: 75 Resp: 140652
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

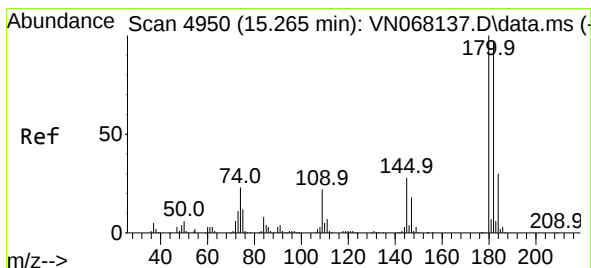
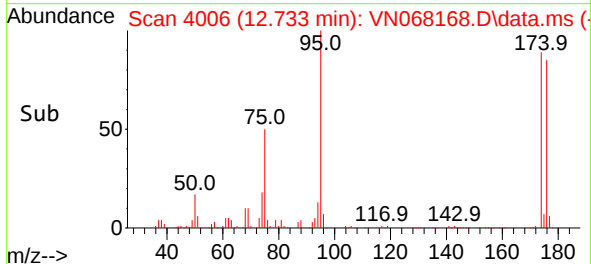
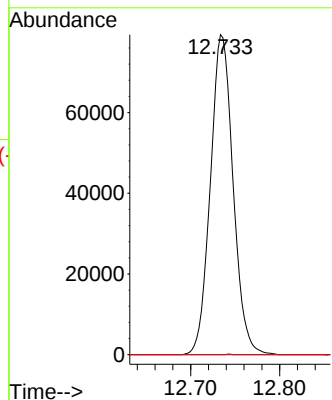
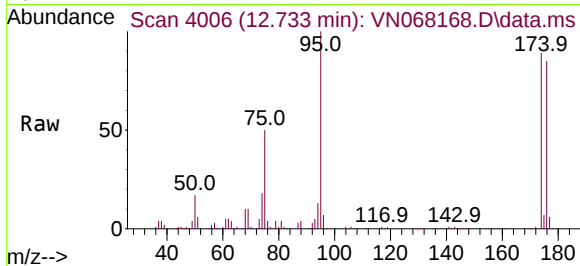




#81
trans-1,4-Dichloro-2-butene
Concen: 102.633 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

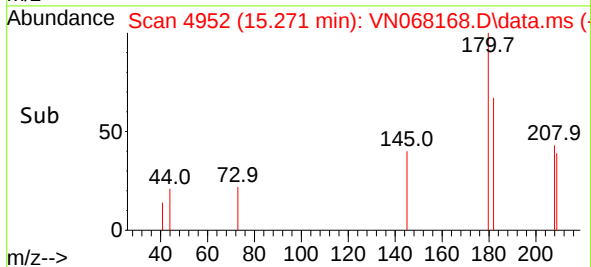
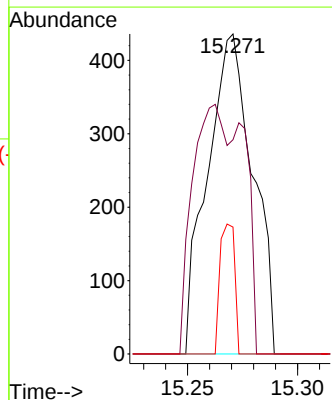
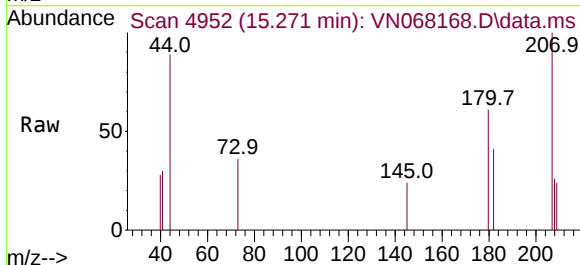
Instrument :
MSVOA_N
ClientSampleId :
RW6B-TB-20210816

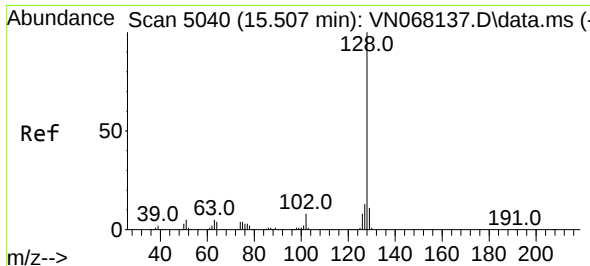
Tgt Ion: 75 Resp: 140652
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.816 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion:180 Resp: 626
Ion Ratio Lower Upper
180 100
182 58.1 47.5 142.5
145 13.1 17.2 51.6#

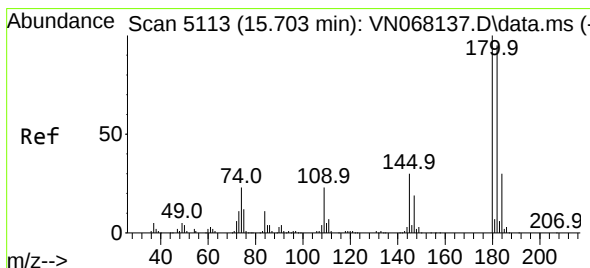
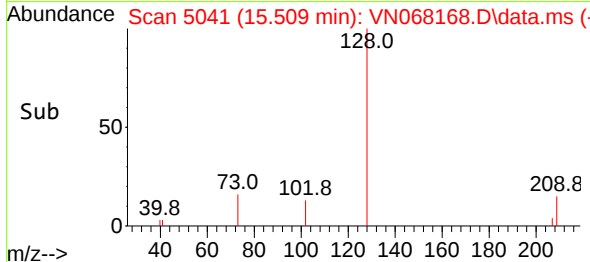
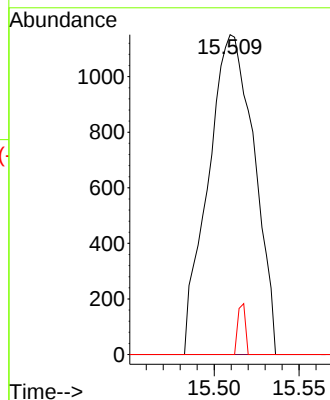
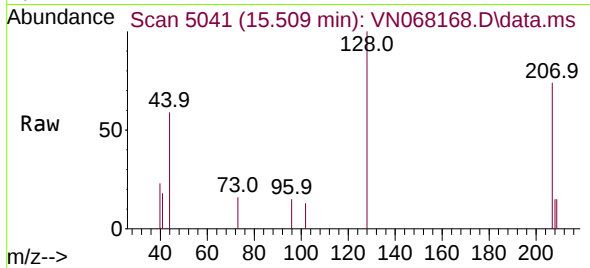




#95
Naphthalene
Concen: 3.535 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Instrument :
MSVOA_N
ClientSampleId :
RW6B-TB-20210816

Tgt Ion:128 Resp: 2169
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 2.6 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.908 ug/l
RT: 15.710 min Scan# 5116
Delta R.T. 0.007 min
Lab File: VN068168.D
Acq: 18 Aug 2021 2:41

Tgt Ion:180 Resp: 346
Ion Ratio Lower Upper
180 100
182 108.4 47.8 143.3
145 28.6 18.2 54.6

