

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068146.D
 Acq On : 17 Aug 2021 16:28
 Operator : JC/MD
 Sample : M3408-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 34S

Quant Time: Aug 17 16:56:11 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)

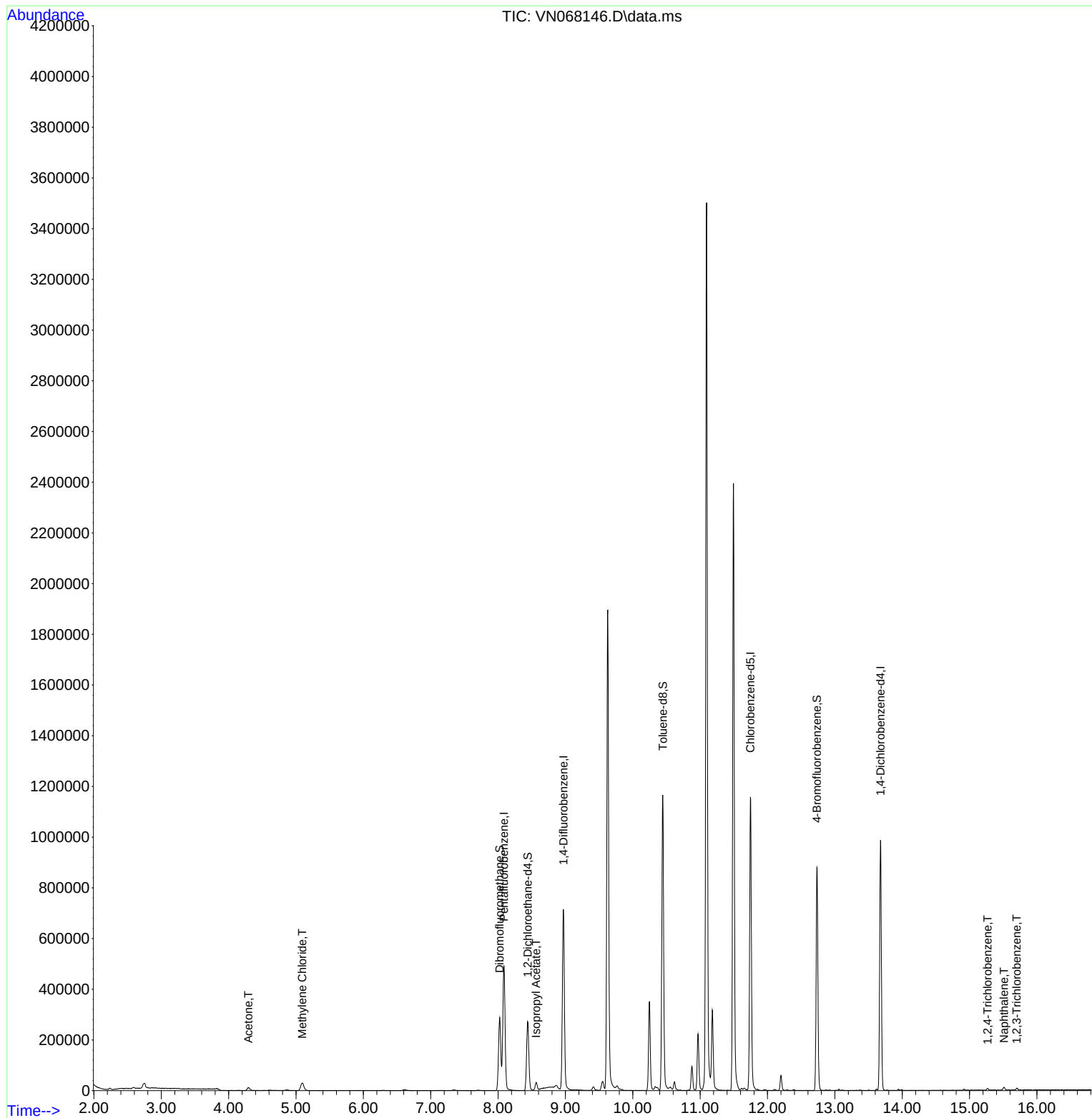
Internal Standards						
1) Pentafluorobenzene	8.088	168	416158	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	687948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	752758	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	297369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	231669	52.137	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.280%	
35) Dibromofluoromethane	8.024	113	209068	48.405	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.820%	
50) Toluene-d8	10.446	98	869802	52.852	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	12.733	95	297214	54.250	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	21790	16.796	ug/l	97
20) Methylene Chloride	5.093	84	26461	5.479	ug/l	# 81
43) Isopropyl Acetate	8.566	43	35551	4.632	ug/l	# 93
93) 1,2,4-Trichlorobenzene	15.268	180	3167	3.289	ug/l	# 83
95) Naphthalene	15.512	128	11721	4.281	ug/l	# 95
96) 1,2,3-Trichlorobenzene	15.700	180	3196	3.472	ug/l	# 90

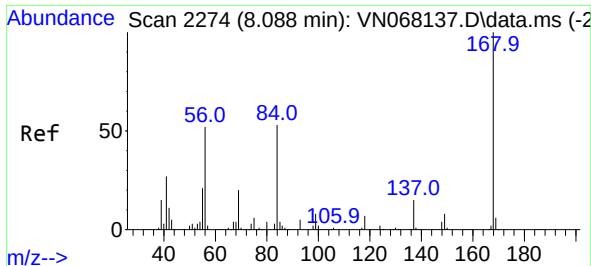
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

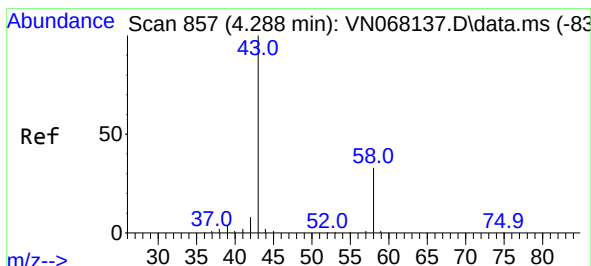
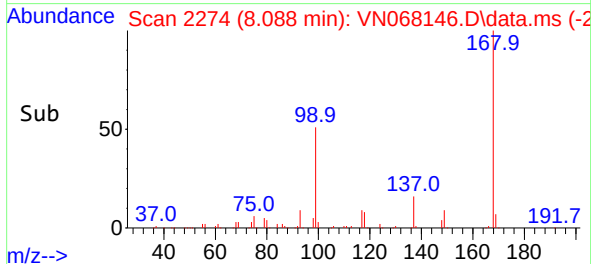
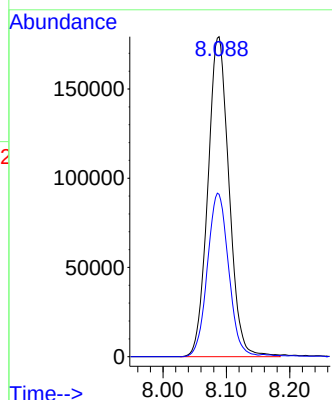
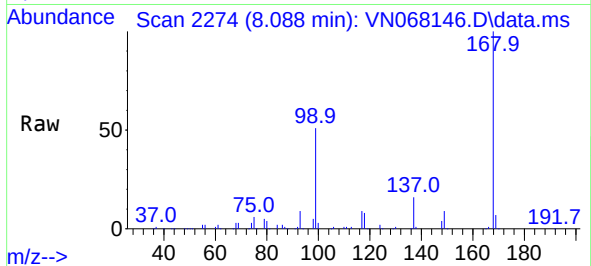




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

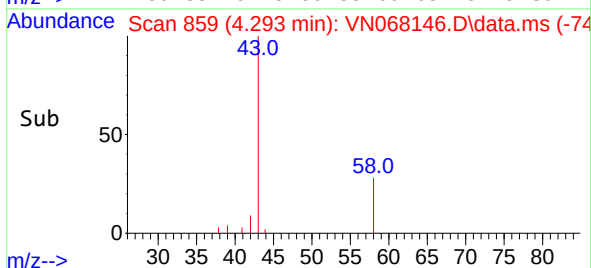
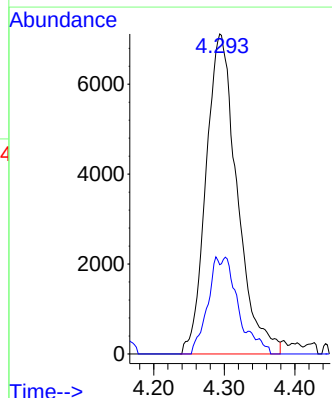
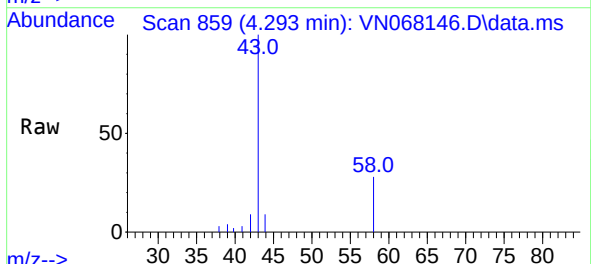
Instrument :
MSVOA_N
ClientSampled :
34S

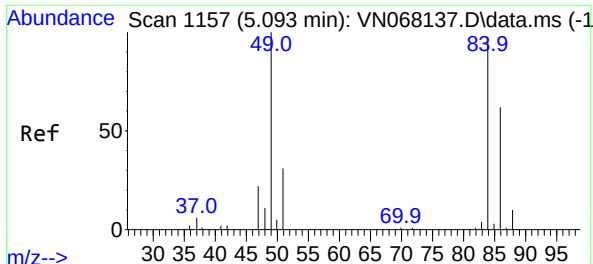
Tgt Ion:168 Resp: 416158
Ion Ratio Lower Upper
168 100
99 50.7 62.9 94.3#



#16
Acetone
Concen: 16.796 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

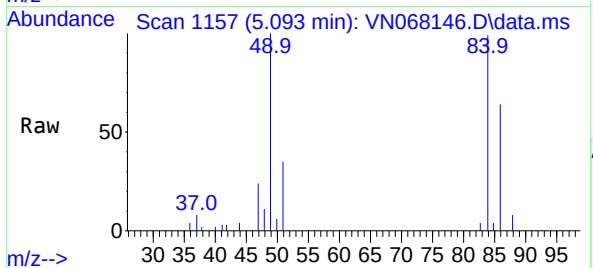
Tgt Ion: 43 Resp: 21790
Ion Ratio Lower Upper
43 100
58 27.9 21.2 31.8





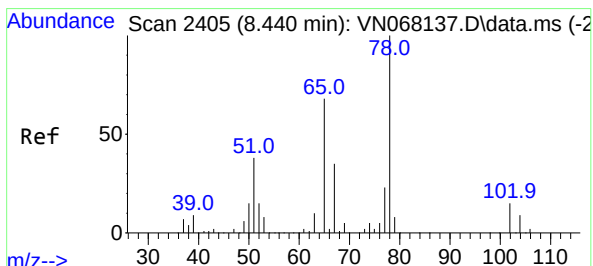
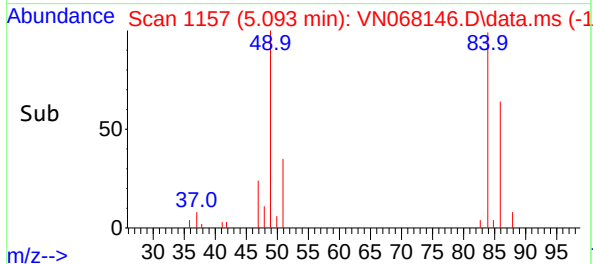
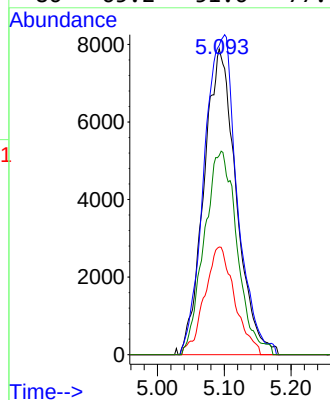
#20
Methylene Chloride
Concen: 5.479 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

Instrument :
MSVOA_N
ClientSampled :
34S



Tgt Ion: 84 Resp: 26461

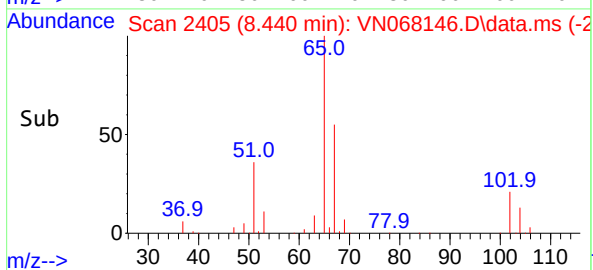
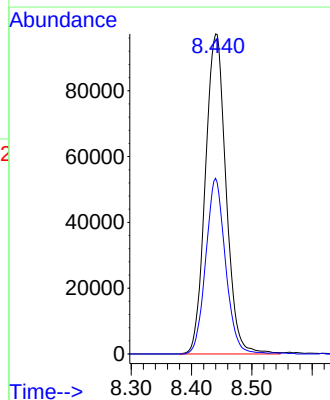
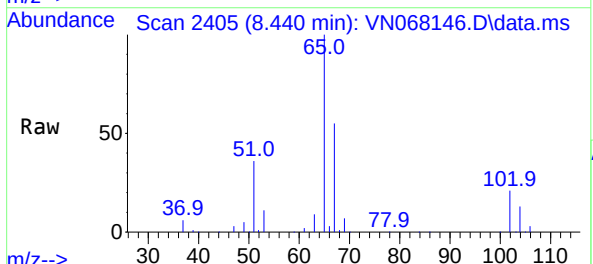
Ion	Ratio	Lower	Upper
84	100		
49	101.1	110.9	166.3#
51	35.2	32.6	49.0
86	65.2	51.6	77.4

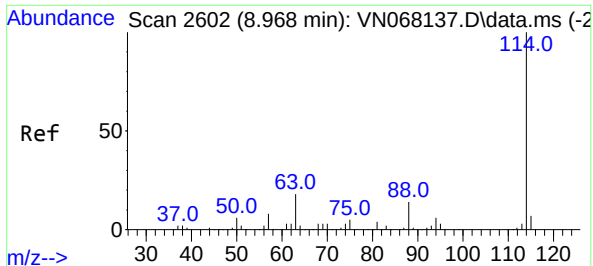


#33
1,2-Dichloroethane-d4
Concen: 52.137 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

Tgt Ion: 65 Resp: 231669

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	98.6

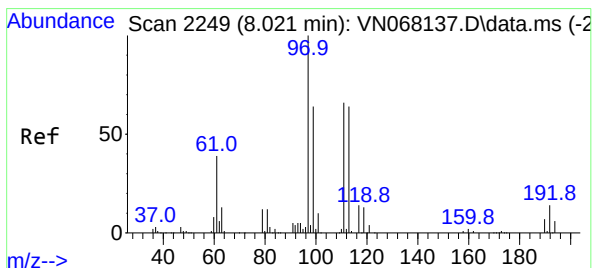
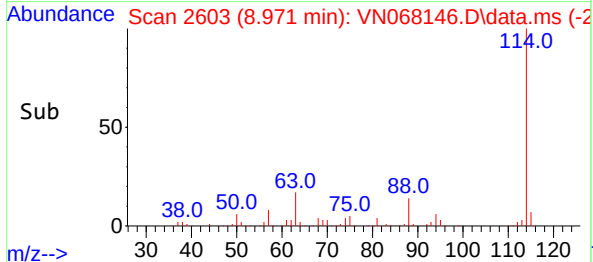
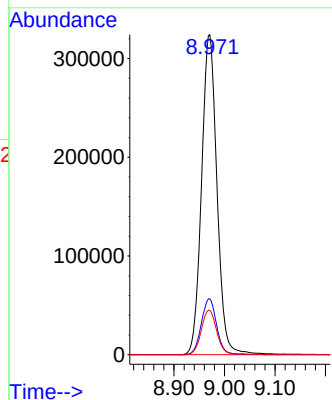
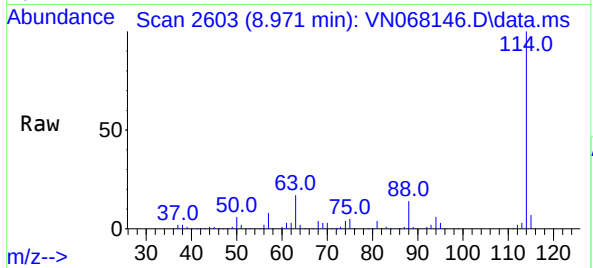




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

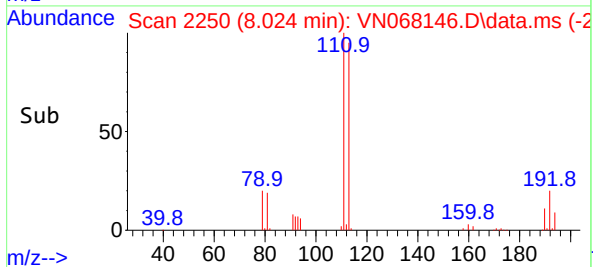
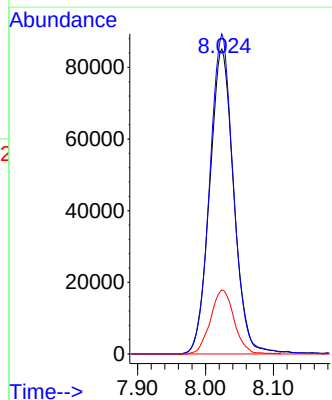
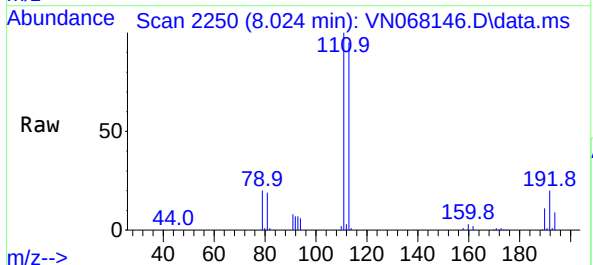
Instrument :
MSVOA_N
ClientSampled :
34S

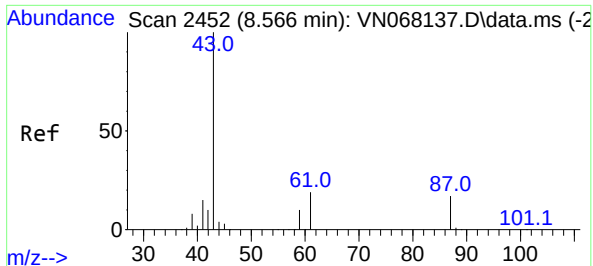
Tgt Ion:114 Resp: 687948
Ion Ratio Lower Upper
114 100
63 17.5 0.0 49.0
88 13.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.405 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

Tgt Ion:113 Resp: 209068
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 20.6 13.4 20.0#

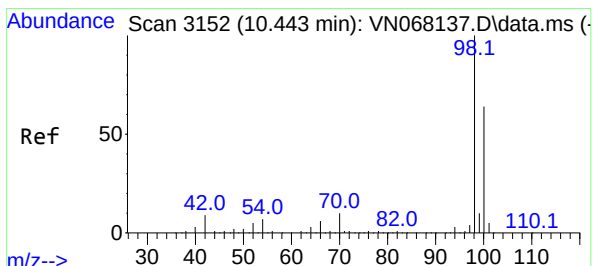
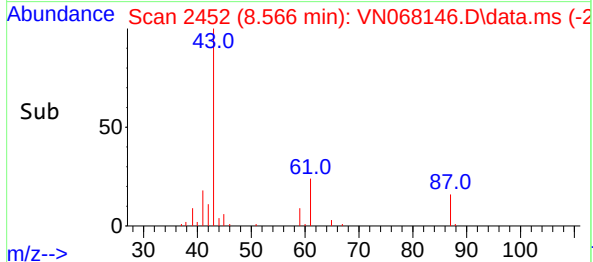
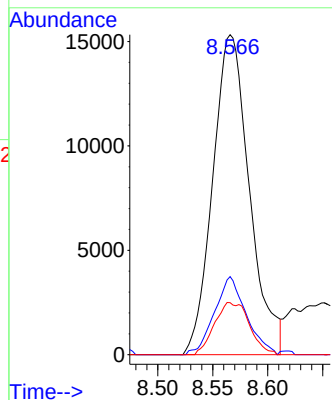
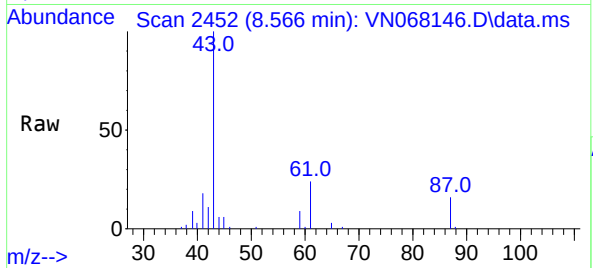




#43
Isopropyl Acetate
Concen: 4.632 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

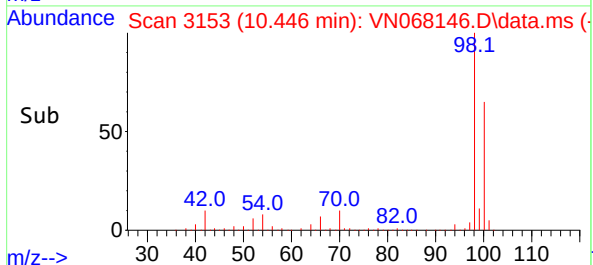
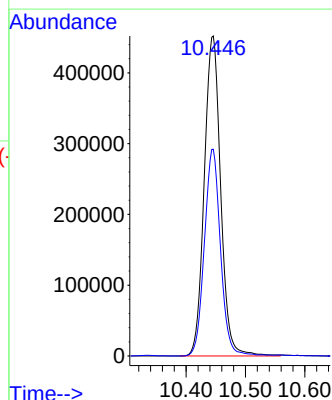
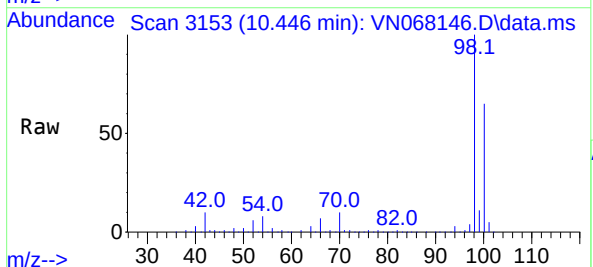
Instrument :
MSVOA_N
ClientSampled :
34S

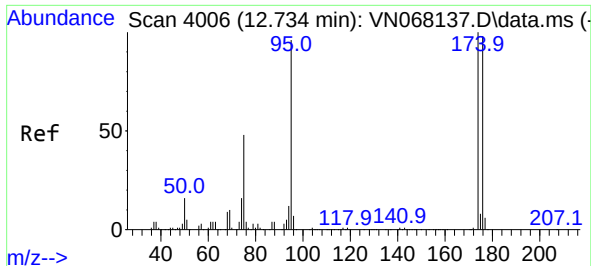
Tgt Ion: 43 Resp: 35551
Ion Ratio Lower Upper
43 100
61 21.1 19.0 28.4
87 15.6 9.5 14.3#



#50
Toluene-d8
Concen: 52.852 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

Tgt Ion: 98 Resp: 869802
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

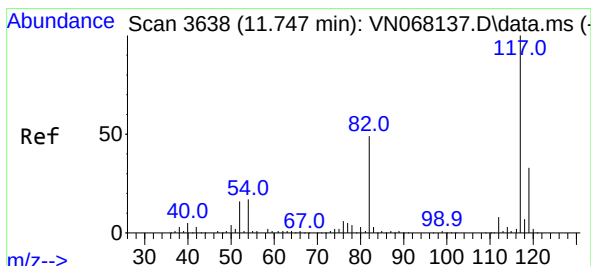
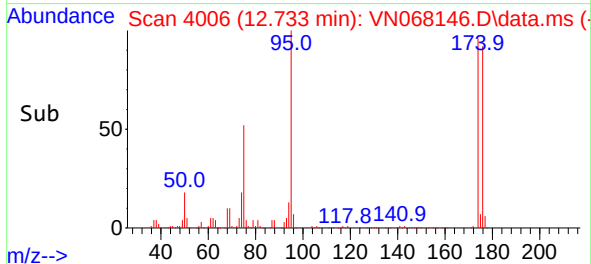
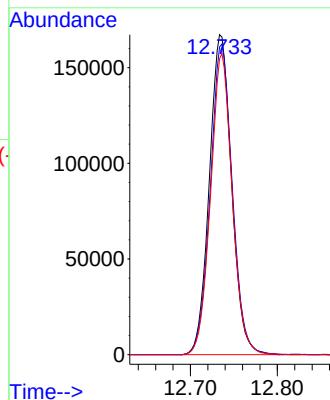
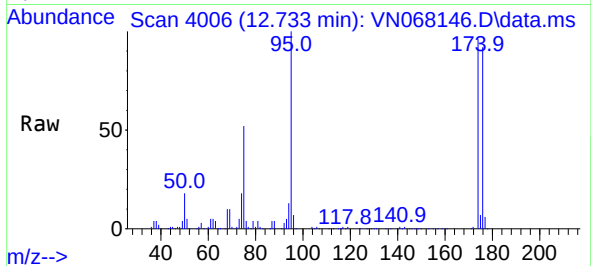




#62
4-Bromofluorobenzene
Concen: 54.250 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

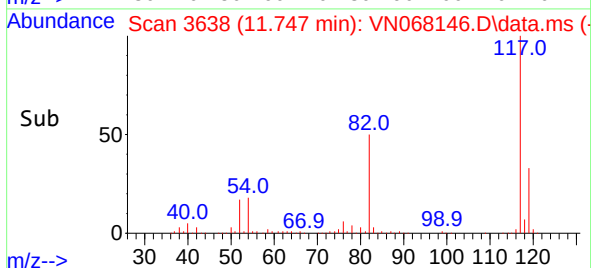
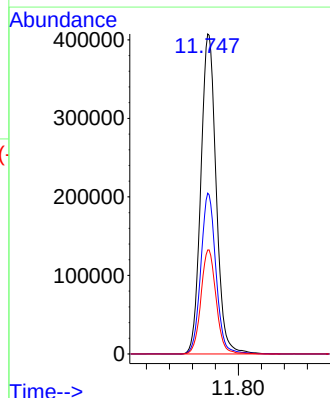
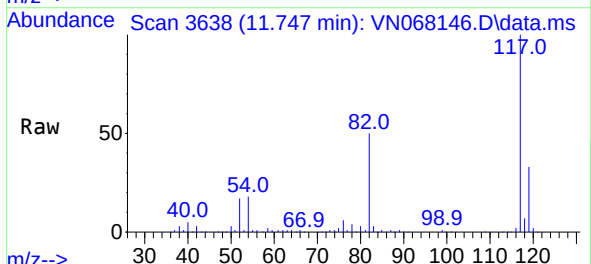
Instrument :
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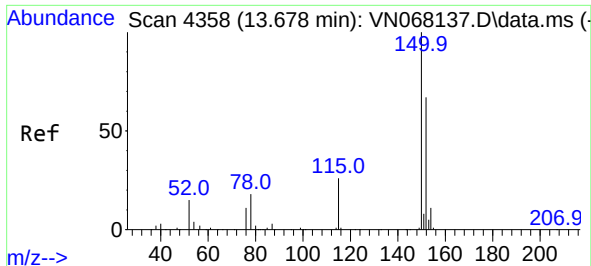
Tgt Ion: 95 Resp: 297214
Ion Ratio Lower Upper
95 100
174 96.2 0.0 122.0
176 91.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

Tgt Ion: 117 Resp: 752758
Ion Ratio Lower Upper
117 100
82 50.2 53.1 79.7#
119 32.5 25.5 38.3

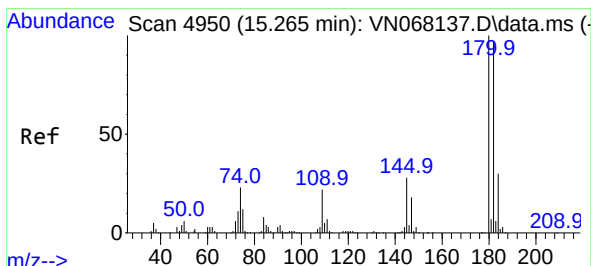
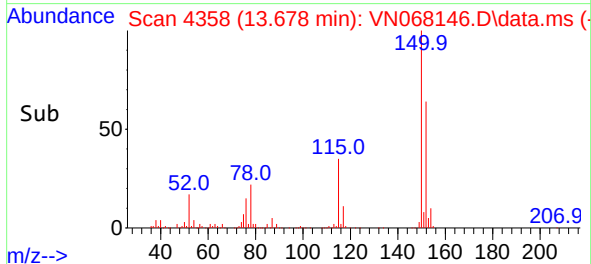
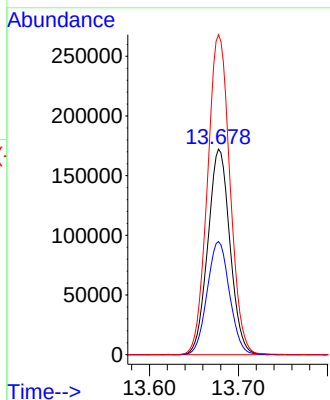
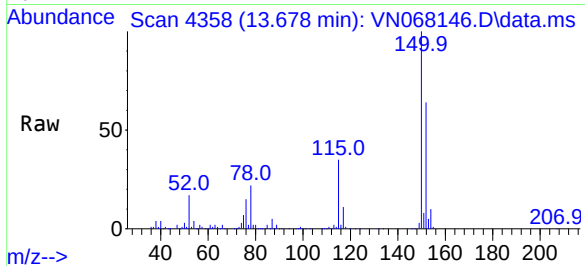




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

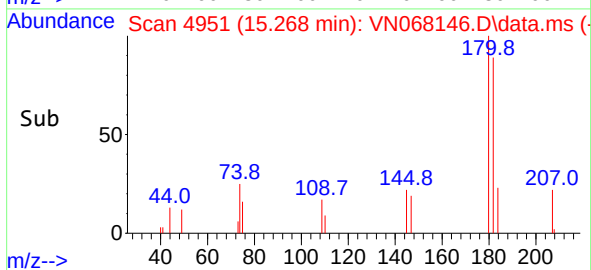
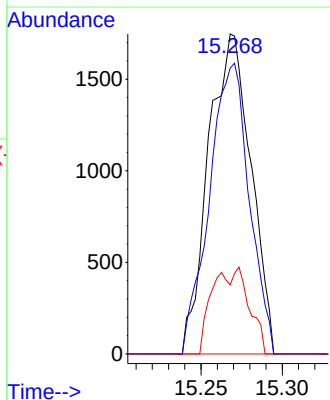
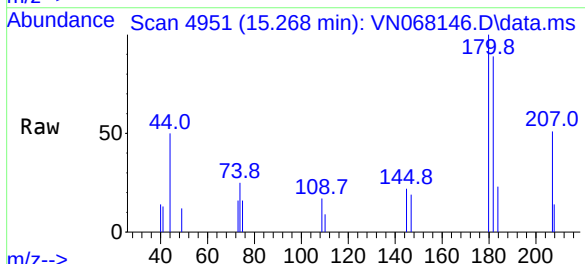
Instrument :
MSVOA_N
ClientSampled :
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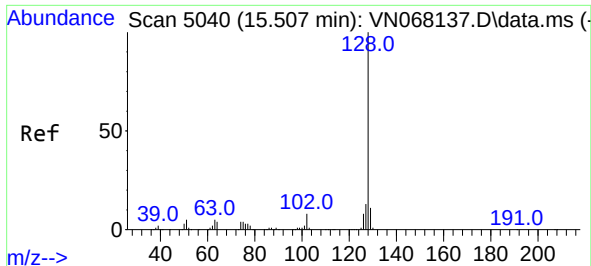
Tgt Ion:152 Resp: 297369
Ion Ratio Lower Upper
152 100
115 55.8 36.1 108.5
150 158.4 0.0 351.8



#93
1,2,4-Trichlorobenzene
Concen: 3.289 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

Tgt Ion:180 Resp: 3167
Ion Ratio Lower Upper
180 100
182 85.3 47.5 142.5
145 12.7 17.2 51.6#

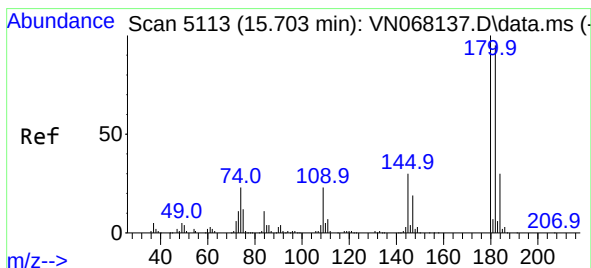
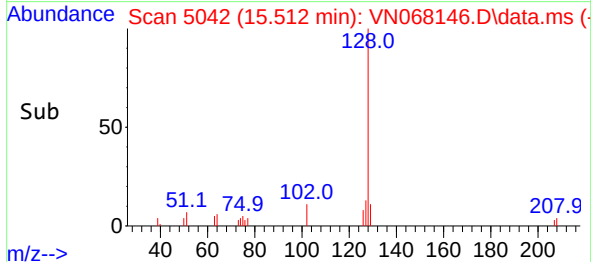
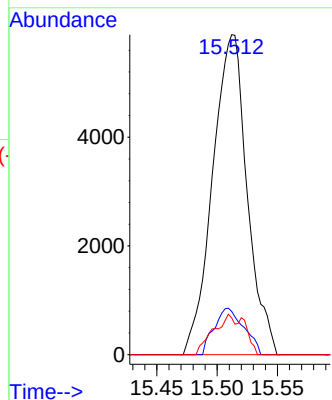
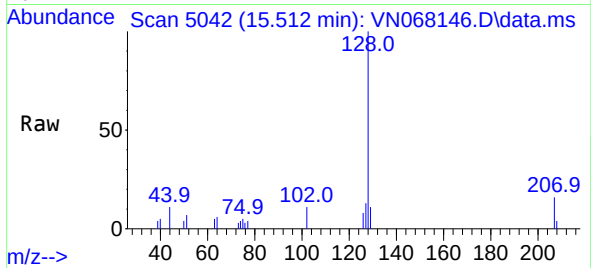




#95
Naphthalene
Concen: 4.281 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

Instrument :
MSVOA_N
ClientSampled :
34S

Tgt Ion:	128	Resp:	11721
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	15.8
129	7.7	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 3.472 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068146.D
Acq: 17 Aug 2021 16:28

Tgt Ion:	180	Resp:	3196
Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.8	143.3
145	17.0	18.2	54.6#

