

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068145.D
 Acq On : 17 Aug 2021 16:04
 Operator : JC/MD
 Sample : M3408-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33S

Quant Time: Aug 17 16:30:30 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)

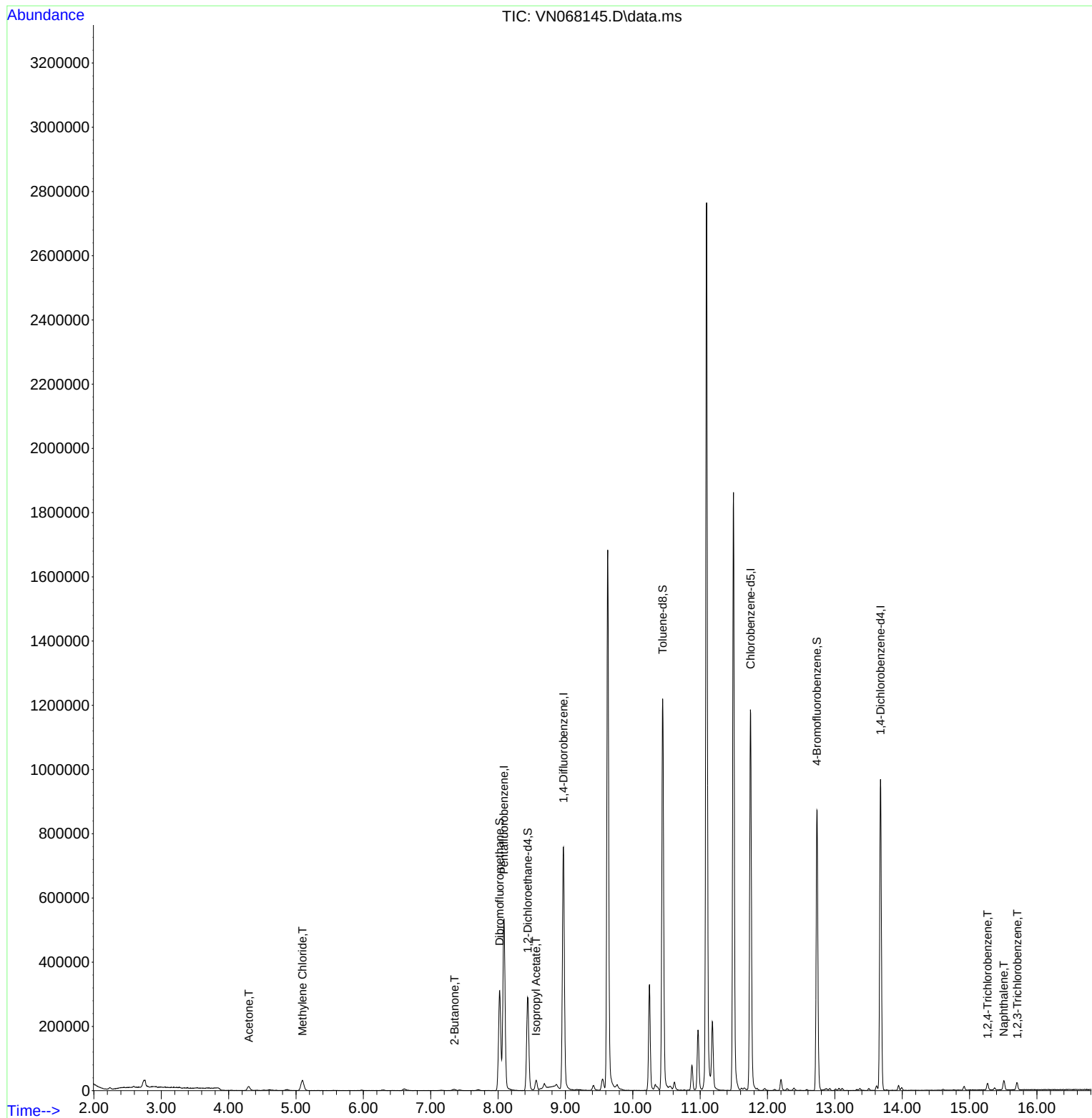
Internal Standards						
1) Pentafluorobenzene	8.088	168	444257	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	731087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	775624	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	293504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	246873	52.045	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.100%	
35) Dibromofluoromethane	8.024	113	224579	48.928	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.860%	
50) Toluene-d8	10.443	98	920006	52.604	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	12.733	95	296579	50.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	22395	16.170	ug/l	# 88
20) Methylene Chloride	5.095	84	27867	5.375	ug/l	# 78
25) 2-Butanone	7.353	43	5357	2.482	ug/l	97
43) Isopropyl Acetate	8.563	43	34963	4.287	ug/l	# 93
93) 1,2,4-Trichlorobenzene	15.268	180	7907	4.213	ug/l	97
95) Naphthalene	15.507	128	29548	5.737	ug/l	98
96) 1,2,3-Trichlorobenzene	15.708	180	9322	4.723	ug/l	97

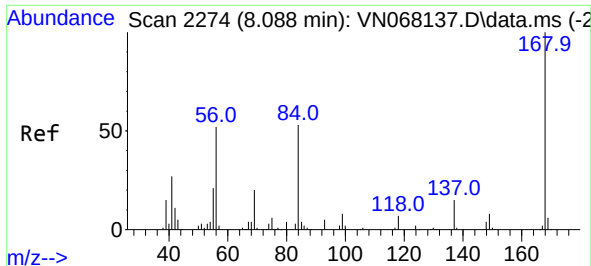
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

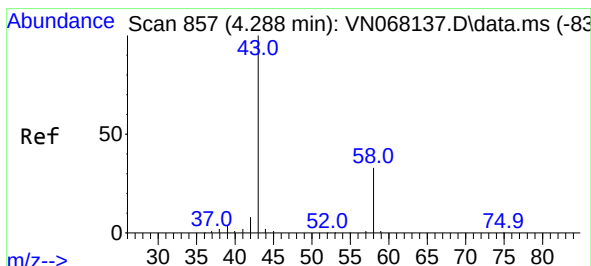
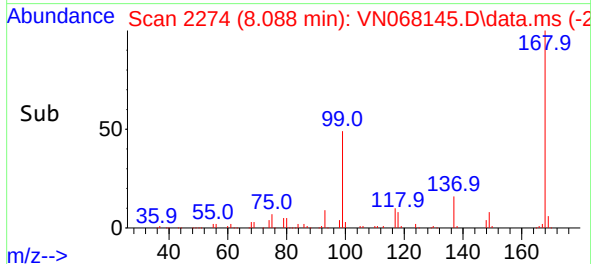
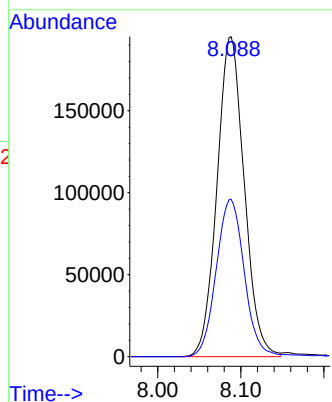
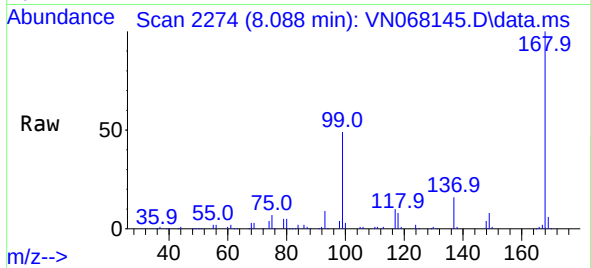




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

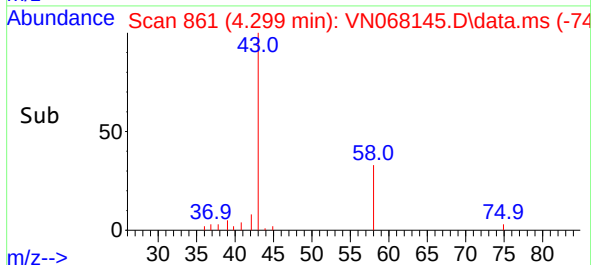
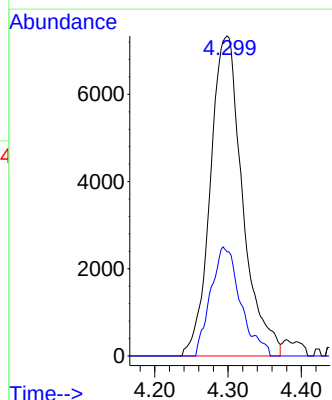
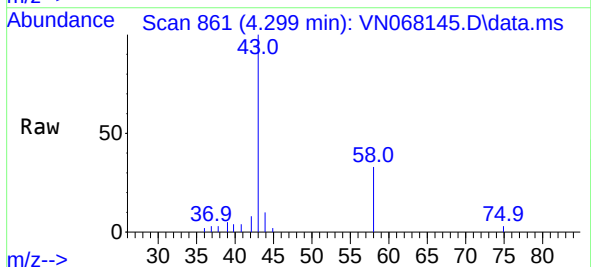
Instrument :
MSVOA_N
ClientSampled :
33S

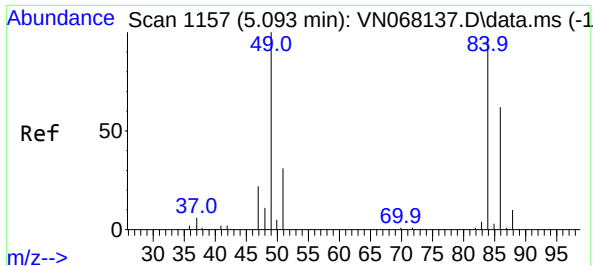
Tgt Ion:168 Resp: 444257
Ion Ratio Lower Upper
168 100
99 49.2 62.9 94.3#



#16
Acetone
Concen: 16.170 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 43 Resp: 22395
Ion Ratio Lower Upper
43 100
58 32.6 21.2 31.8#



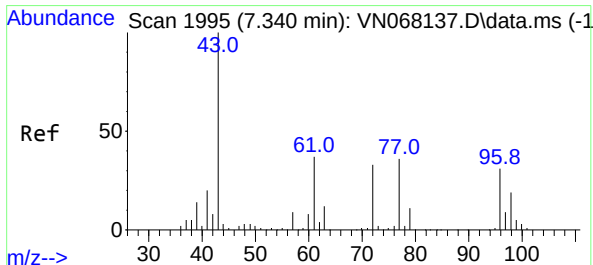
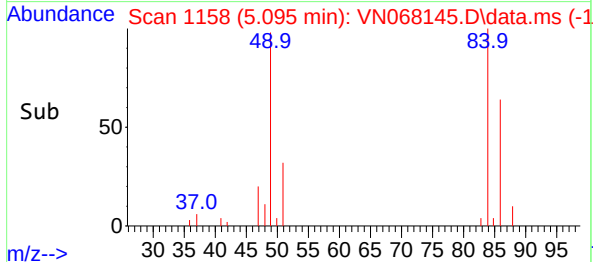
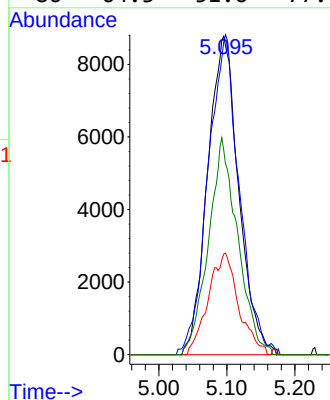
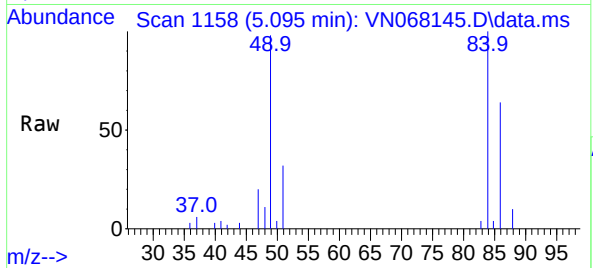


#20
Methylene Chloride
Concen: 5.375 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Instrument :
MSVOA_N
ClientSampled :
33S

Tgt Ion: 84 Resp: 27867

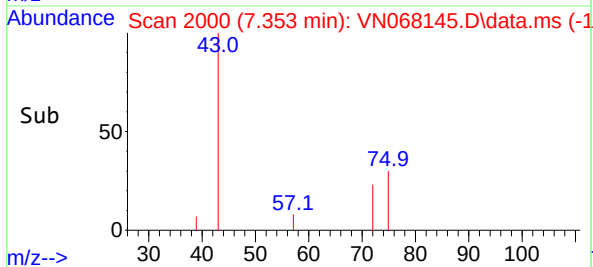
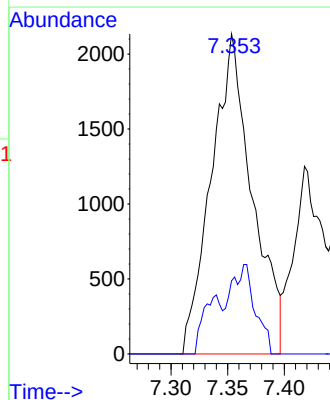
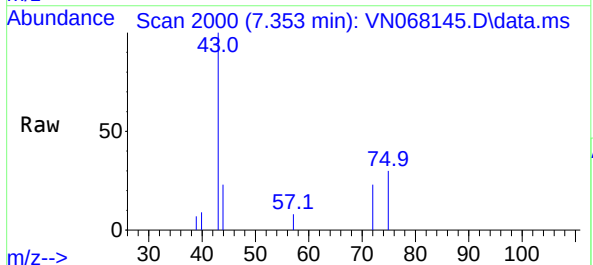
Ion	Ratio	Lower	Upper
84	100		
49	98.2	110.9	166.3#
51	31.6	32.6	49.0#
86	64.3	51.6	77.4

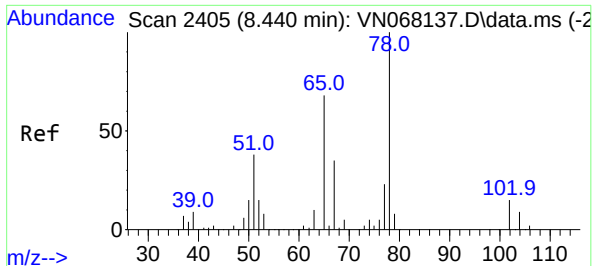


#25
2-Butanone
Concen: 2.482 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.013 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 43 Resp: 5357

Ion	Ratio	Lower	Upper
43	100		
72	22.9	19.7	29.5



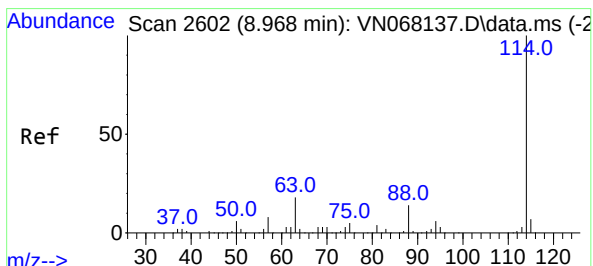
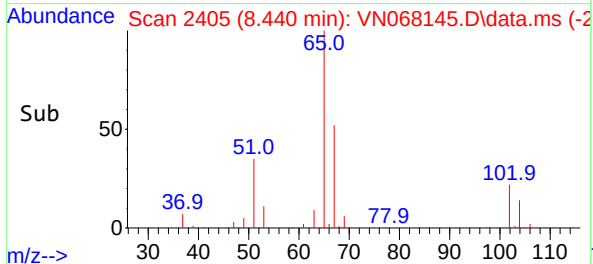
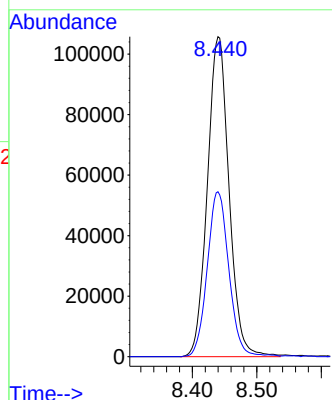
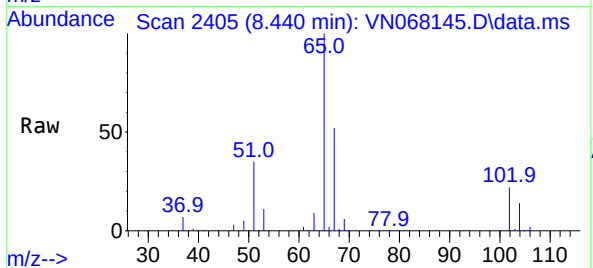


#33

1,2-Dichloroethane-d4
Concen: 52.045 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Instrument :
MSVOA_N
ClientSampled :
33S

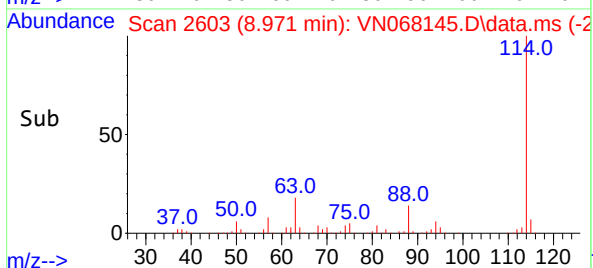
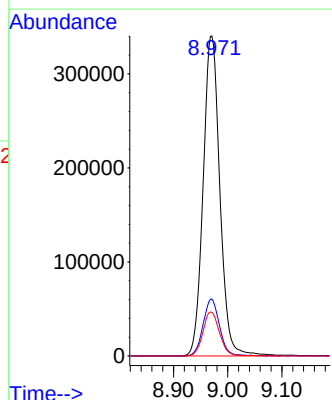
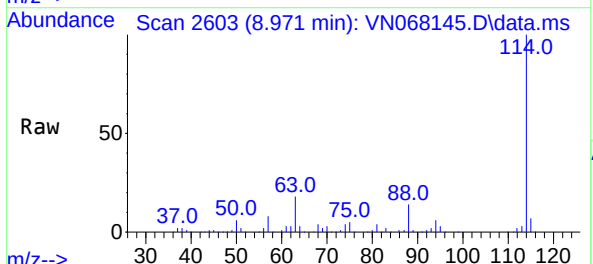
Tgt Ion: 65 Resp: 246873
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6

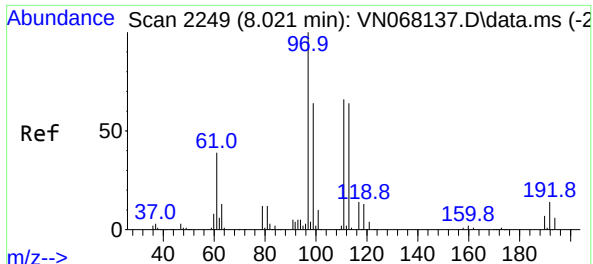


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 114 Resp: 731087
Ion Ratio Lower Upper
114 100
63 17.8 0.0 49.0
88 13.6 0.0 36.6

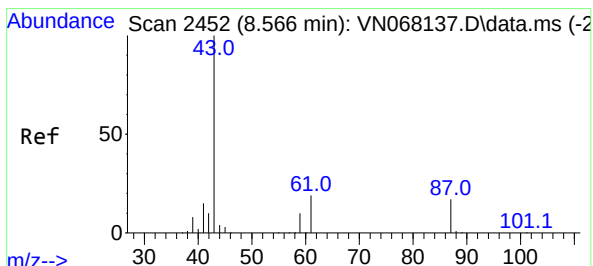
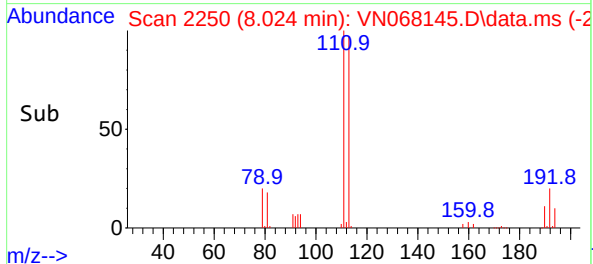
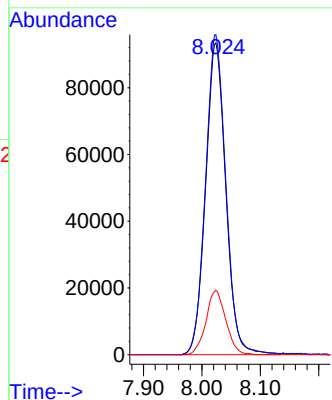
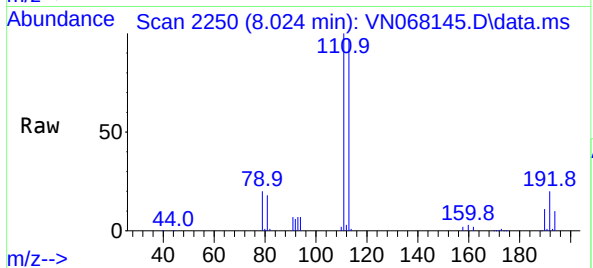




#35
Dibromofluoromethane
Concen: 48.928 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

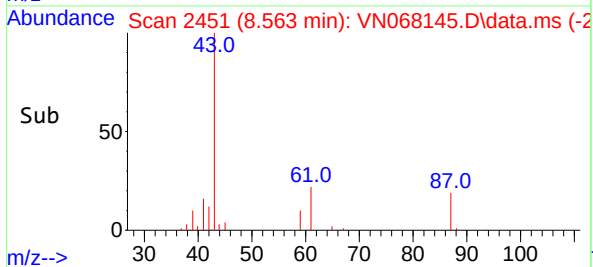
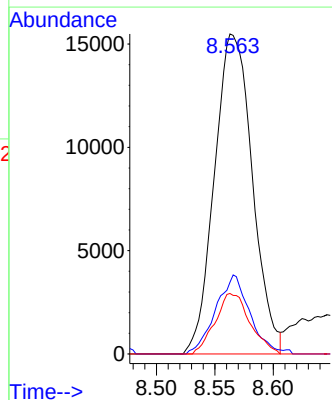
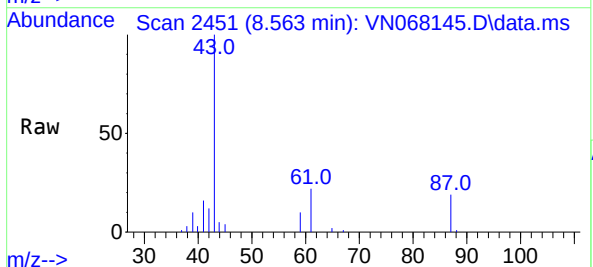
Instrument :
MSVOA_N
ClientSampled :
33S

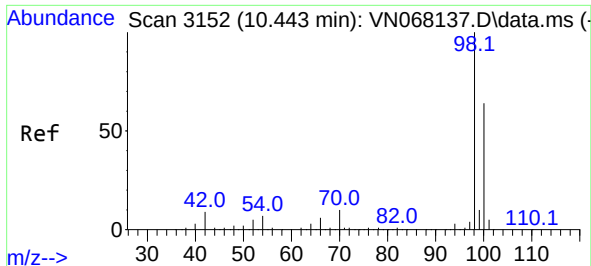
Tgt Ion:113 Resp: 224579
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 20.2 13.4 20.0#



#43
Isopropyl Acetate
Concen: 4.287 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 43 Resp: 34963
Ion Ratio Lower Upper
43 100
61 22.3 19.0 28.4
87 17.4 9.5 14.3#

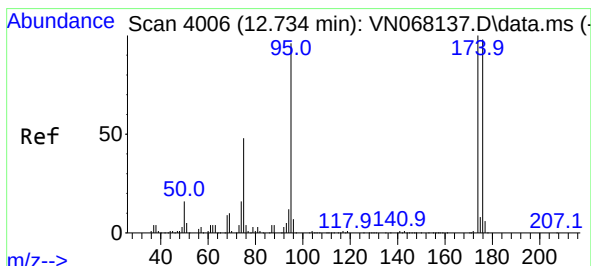
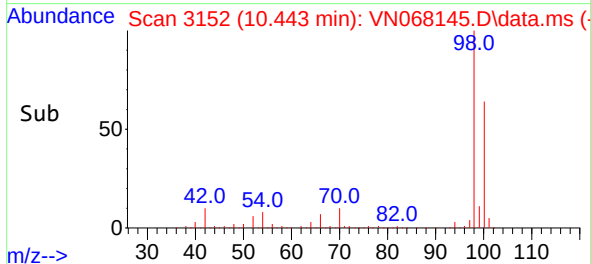
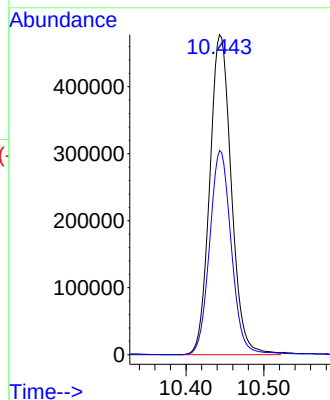
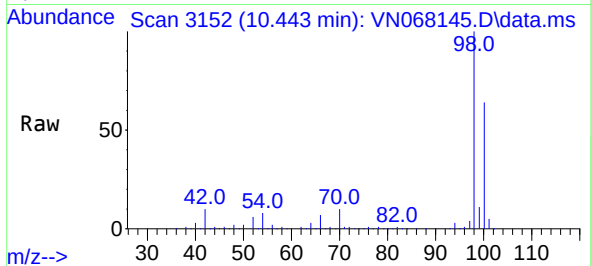




#50
Toluene-d8
Concen: 52.604 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

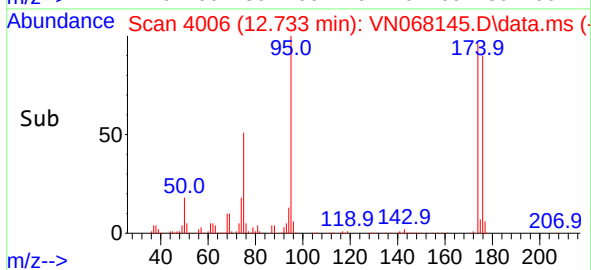
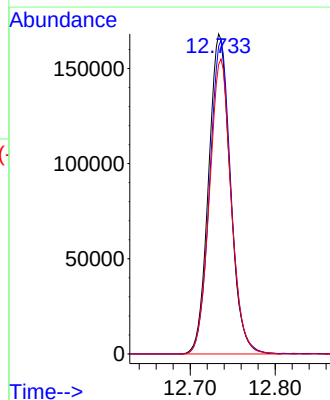
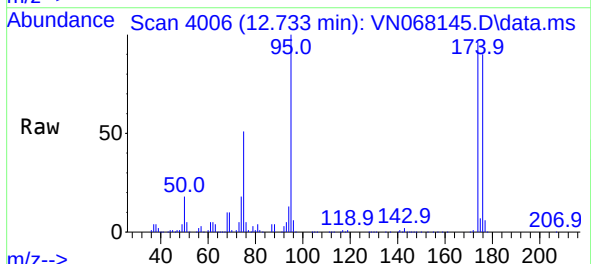
Instrument :
MSVOA_N
ClientSampled :
33S

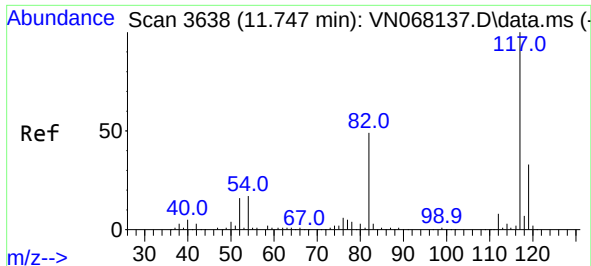
Tgt Ion: 98 Resp: 920006
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.940 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 95 Resp: 296579
Ion Ratio Lower Upper
95 100
174 96.4 0.0 122.0
176 92.3 0.0 117.6

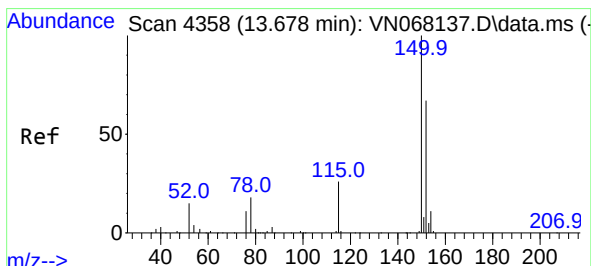
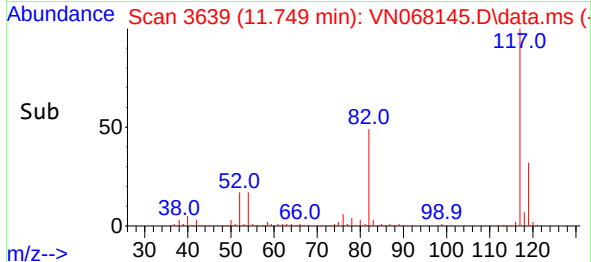
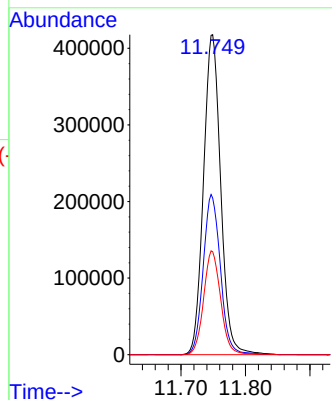
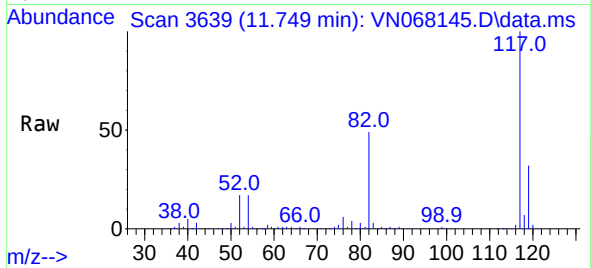




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

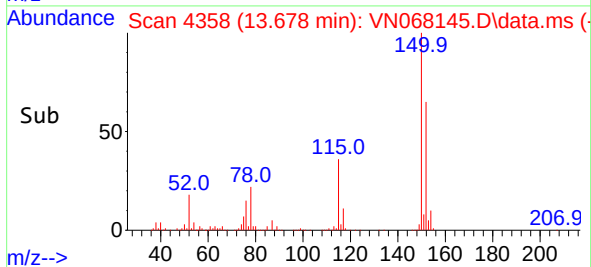
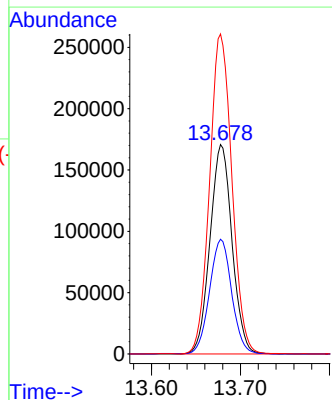
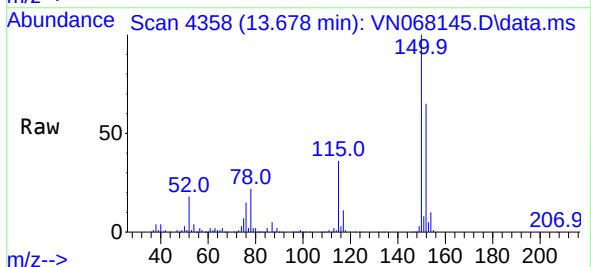
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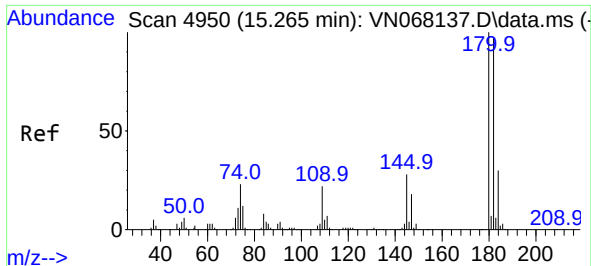
Tgt Ion:117 Resp: 775624
Ion Ratio Lower Upper
117 100
82 48.9 53.1 79.7#
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion:152 Resp: 293504
Ion Ratio Lower Upper
152 100
115 55.1 36.1 108.5
150 154.5 0.0 351.8

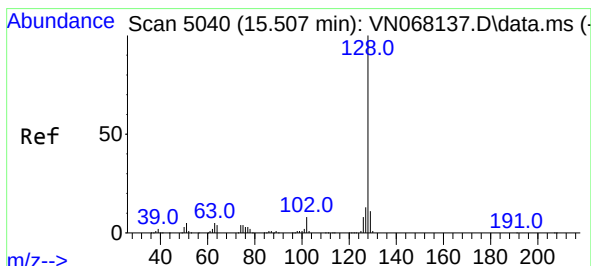
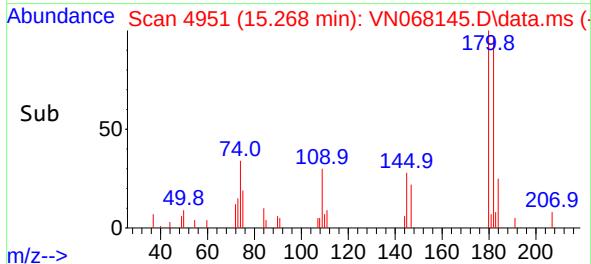
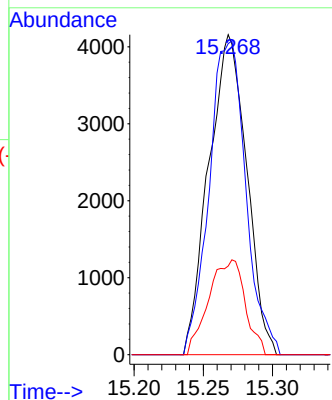
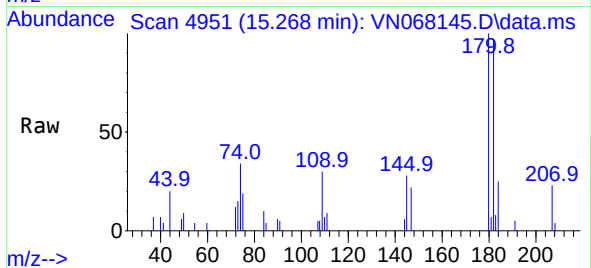




#93
1,2,4-Trichlorobenzene
Concen: 4.213 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

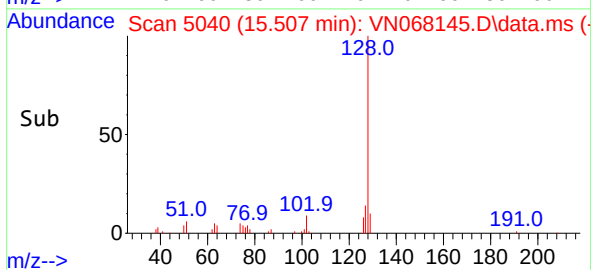
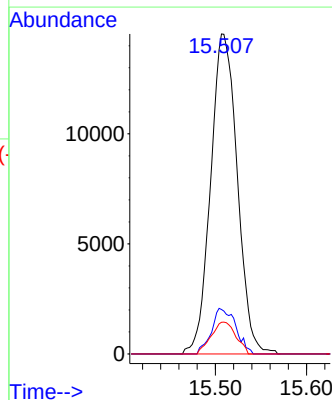
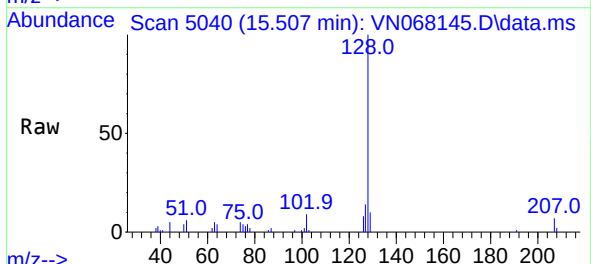
Instrument :
MSVOA_N
ClientSampled :
33S

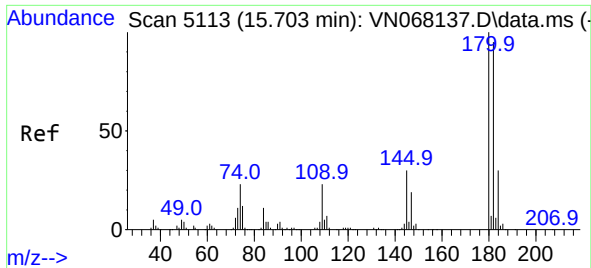
Tgt Ion:180 Resp: 7907
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 28.6 17.2 51.6



#95
Naphthalene
Concen: 5.737 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion:128 Resp: 29548
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 9.2 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 4.723 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.005 min
 Lab File: VN068145.D
 Acq: 17 Aug 2021 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 33S

Tgt Ion:180 Resp: 9322
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.8 143.3
 145 33.0 18.2 54.6

