

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068643.D
 Acq On : 24 Sep 2021 17:01
 Operator : JC/MD
 Sample : M3911-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-CB-04-(0.5)

Quant Time: Sep 24 17:23:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

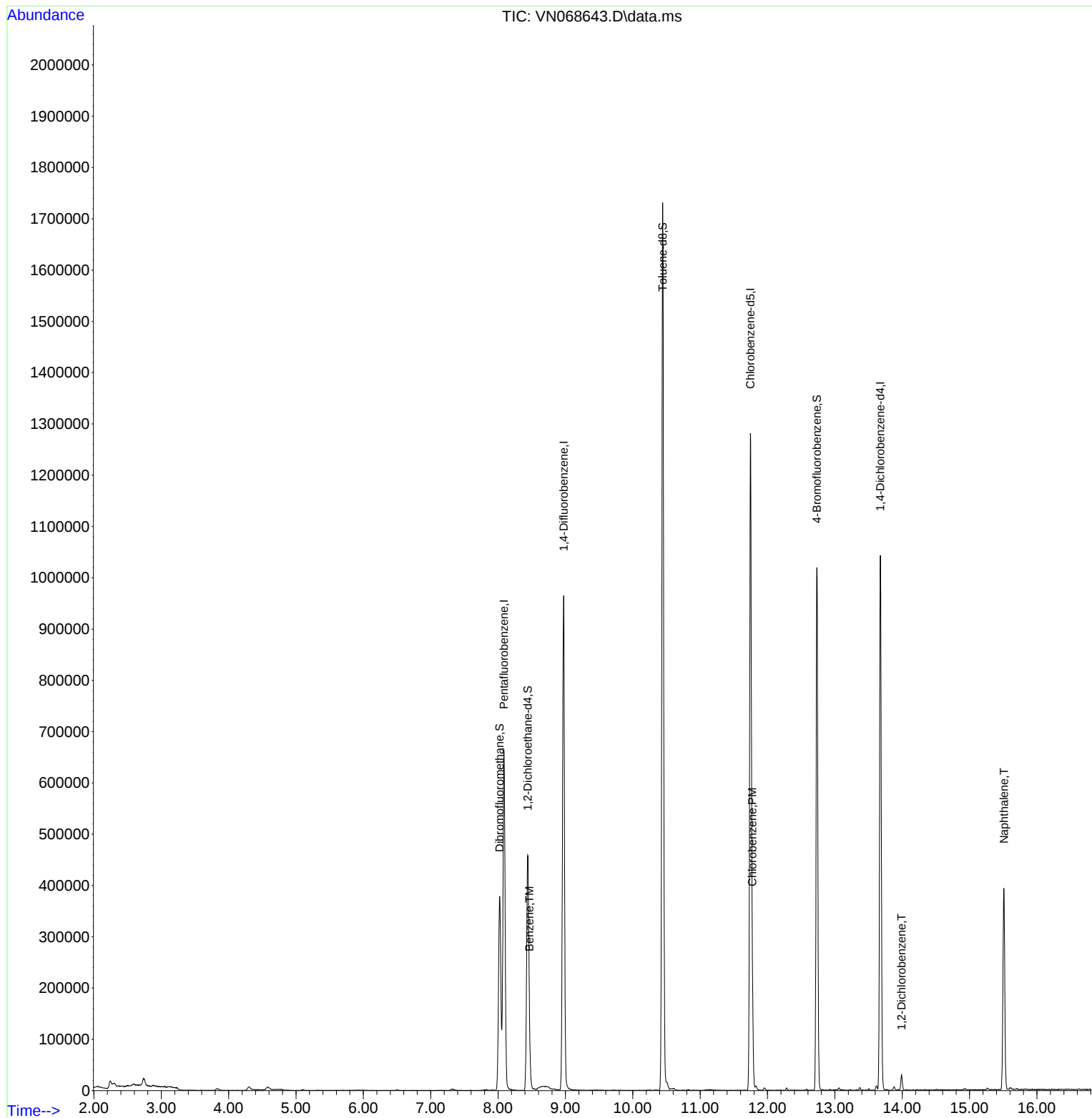
Internal Standards						
1) Pentafluorobenzene	8.088	168	481624	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.973	114	813021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	693393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	267546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	369357	49.125	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.260%		
35) Dibromofluoromethane	8.024	113	277722	51.046	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.100%		
50) Toluene-d8	10.443	98	1173397	50.889	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.780%		
62) 4-Bromofluorobenzene	12.734	95	335844	42.588	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.180%		
Target Compounds						
						Qvalue
40) Benzene	8.464	78	52448	2.176	ug/l	98
65) Chlorobenzene	11.773	112	103691	7.079	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	11326	1.251	ug/l	94
95) Naphthalene	15.509	128	349792	27.881	ug/l	99

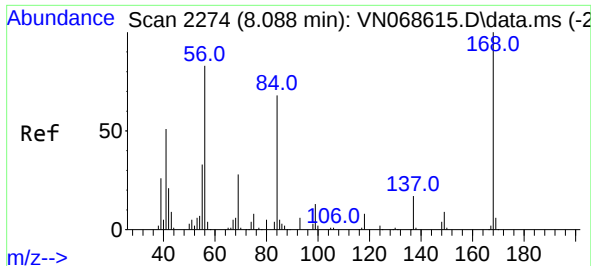
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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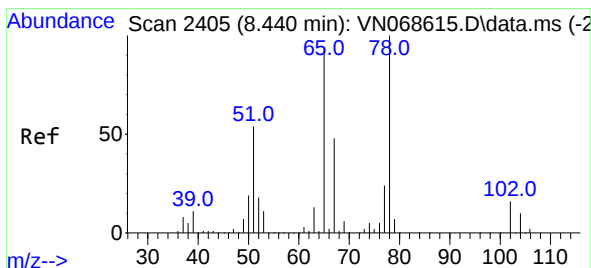
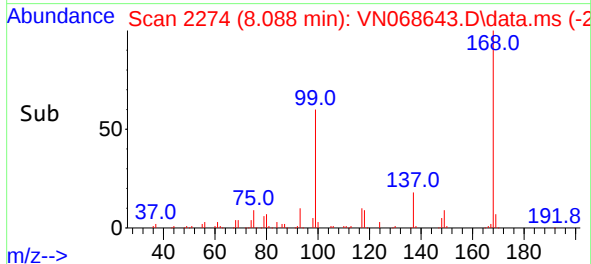
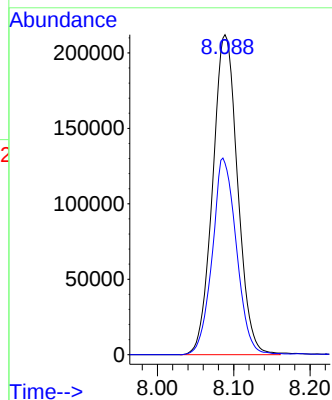
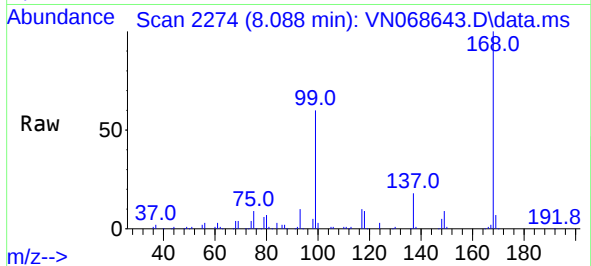




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

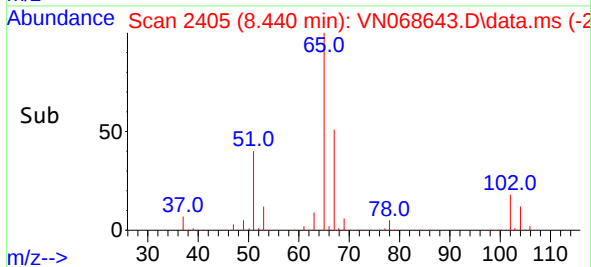
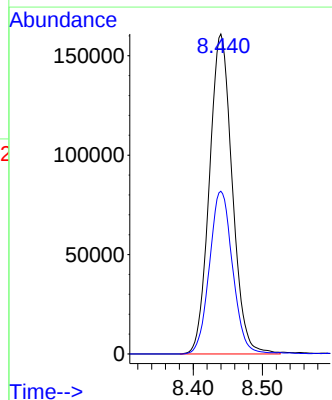
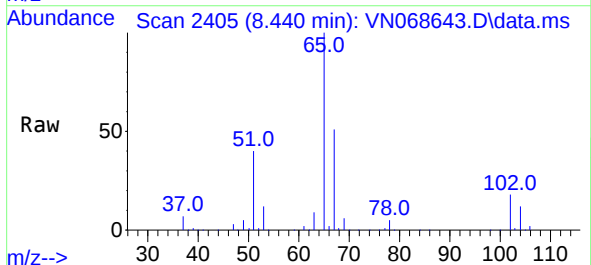
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-04-(0.5)

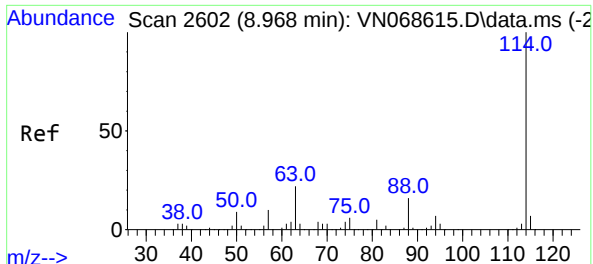
Tgt Ion:168 Resp: 481624
Ion Ratio Lower Upper
168 100
99 59.9 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 49.125 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

Tgt Ion: 65 Resp: 369357
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.6

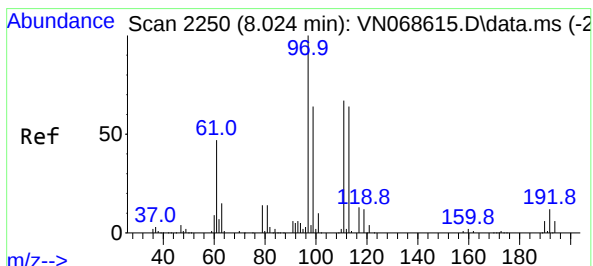
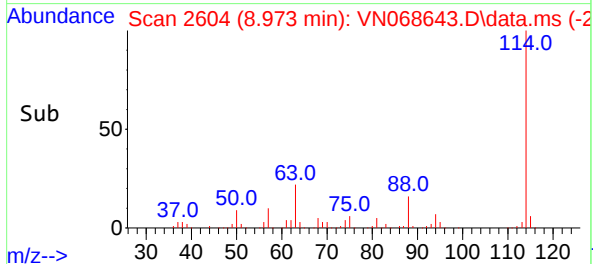
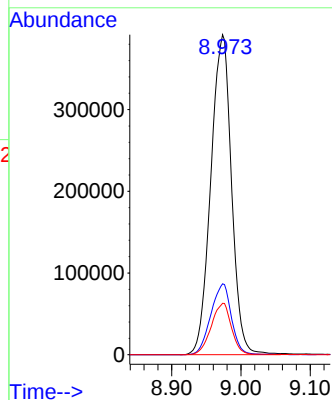
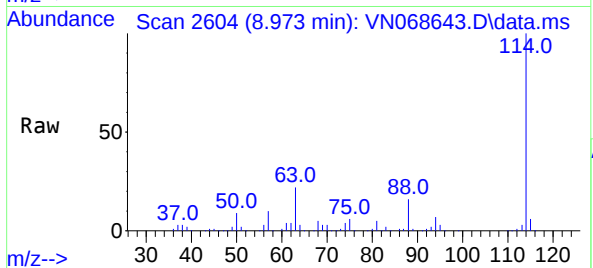




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.973 min Scan# 2604
Delta R.T. 0.005 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

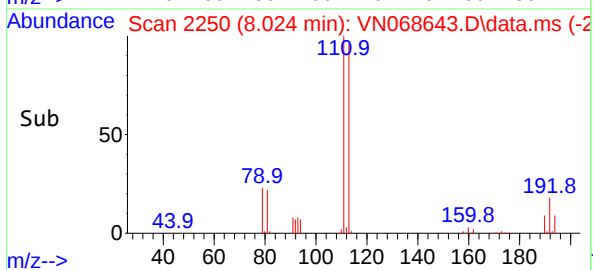
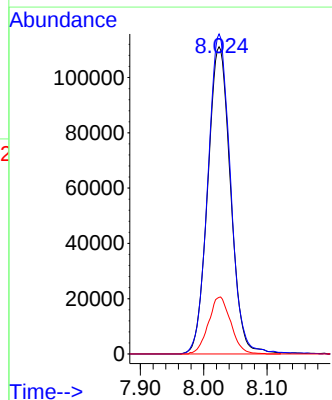
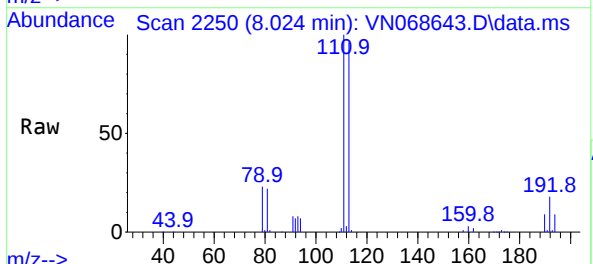
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-04-(0.5)

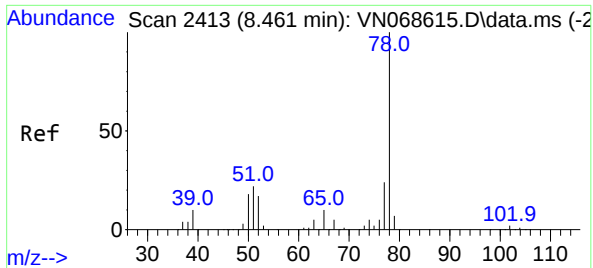
Tgt Ion:114 Resp: 813021
Ion Ratio Lower Upper
114 100
63 22.2 0.0 49.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.046 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

Tgt Ion:113 Resp: 277722
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.8
192 18.2 13.4 20.0

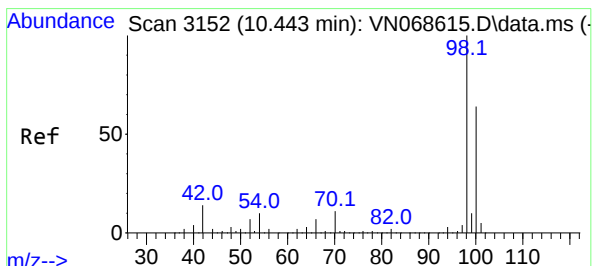
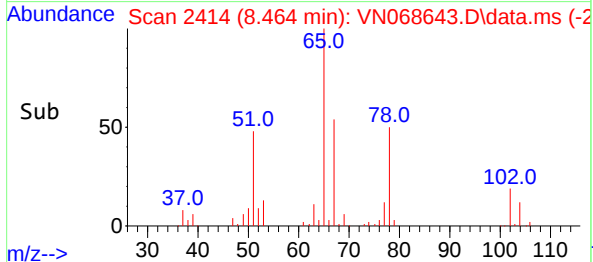
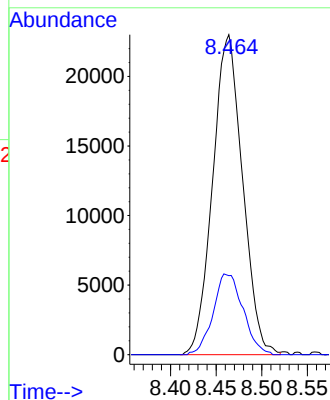
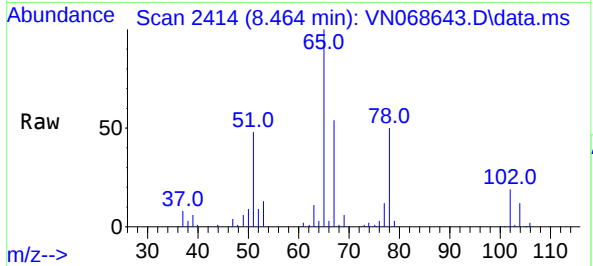




#40
Benzene
Concen: 2.176 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

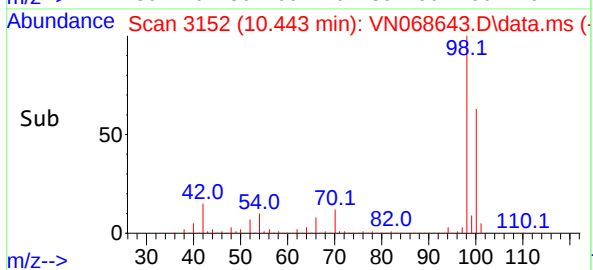
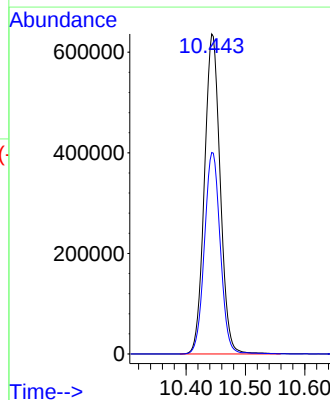
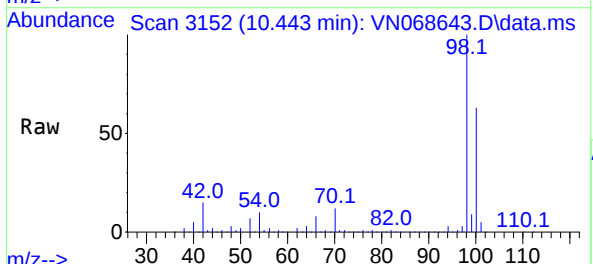
Instrument :
MSVOA_N
ClientSampled :
SW-CB-04-(0.5)

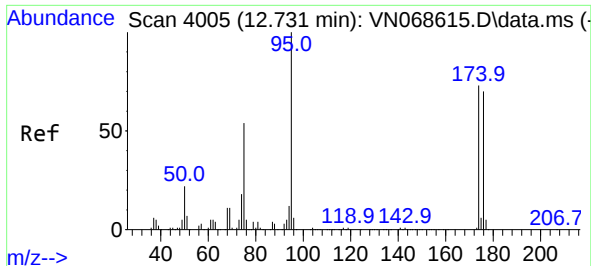
Tgt Ion: 78 Resp: 52448
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3



#50
Toluene-d8
Concen: 50.889 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

Tgt Ion: 98 Resp: 1173397
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

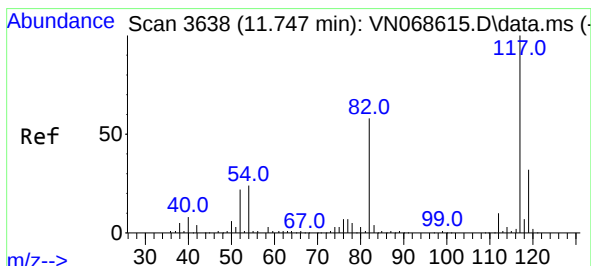
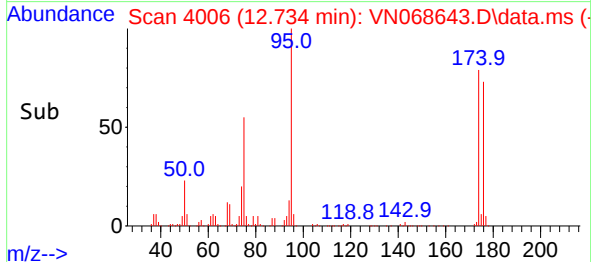
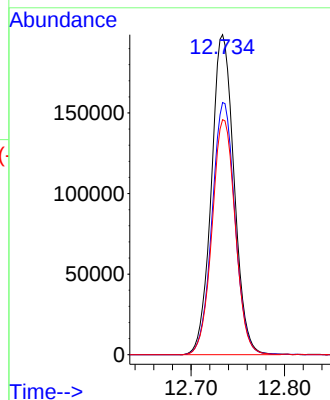
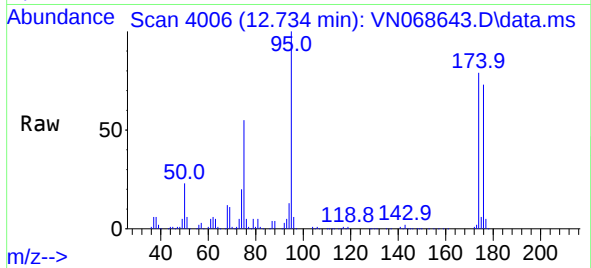




#62
4-Bromofluorobenzene
Concen: 42.588 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

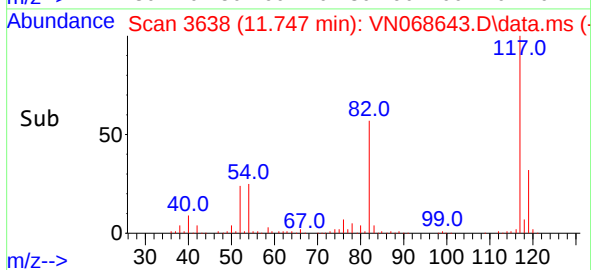
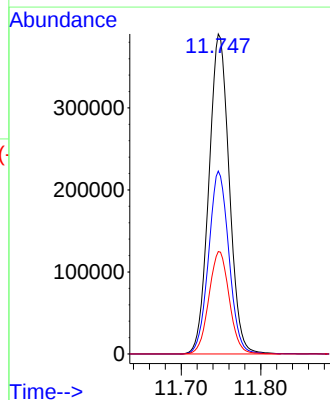
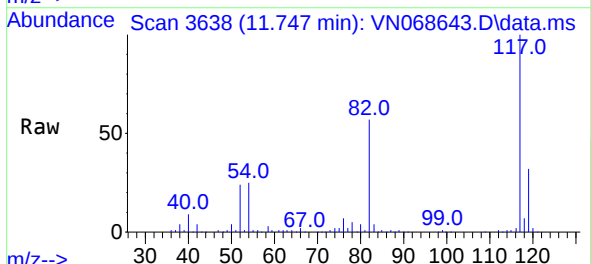
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-04-(0.5)

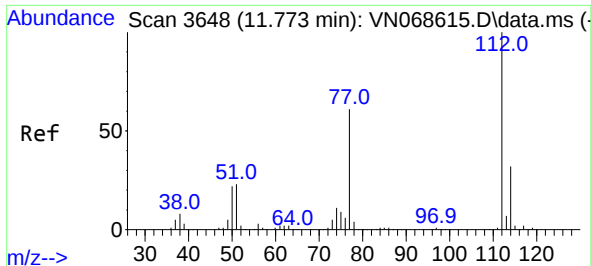
Tgt Ion: 95 Resp: 335844
Ion Ratio Lower Upper
95 100
174 79.4 0.0 122.0
176 74.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

Tgt Ion: 117 Resp: 693393
Ion Ratio Lower Upper
117 100
82 57.2 53.1 79.7
119 32.0 25.5 38.3

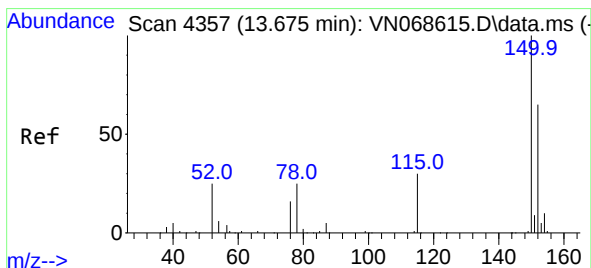
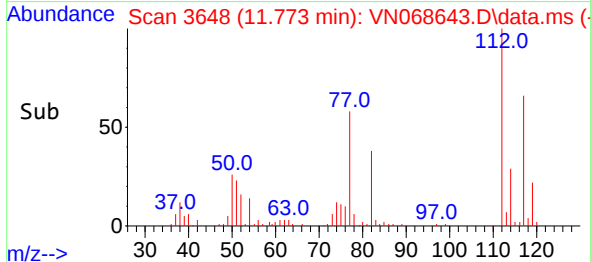
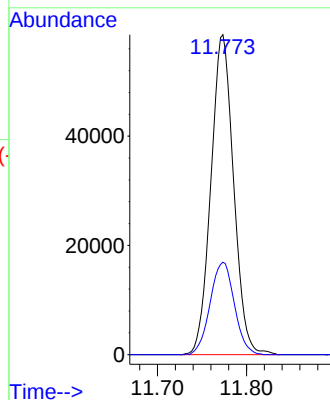
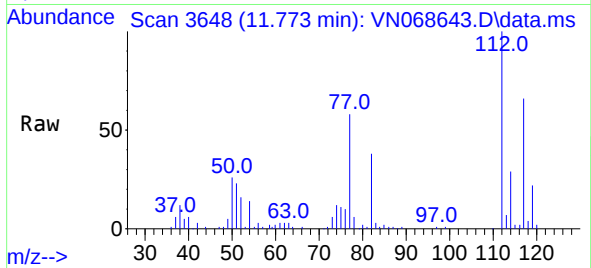




#65
Chlorobenzene
Concen: 7.079 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

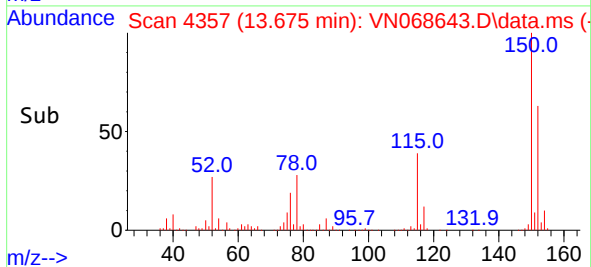
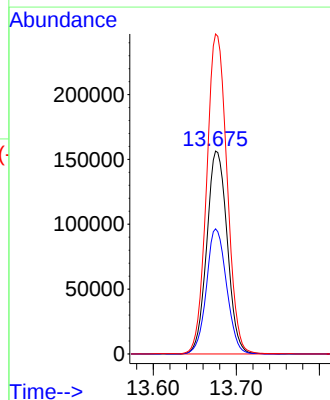
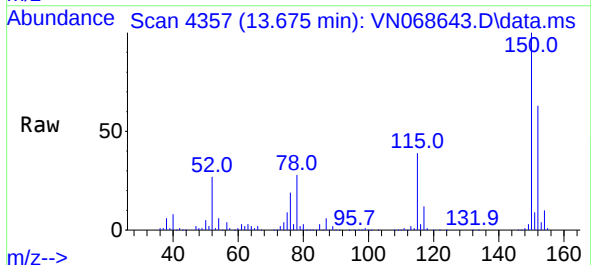
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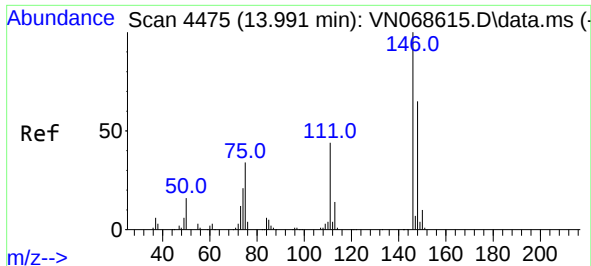
Tgt Ion:112 Resp: 103691
Ion Ratio Lower Upper
112 100
114 28.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

Tgt Ion:152 Resp: 267546
Ion Ratio Lower Upper
152 100
115 60.9 36.1 108.5
150 156.8 0.0 351.8

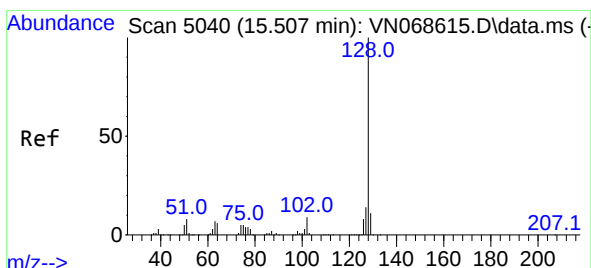
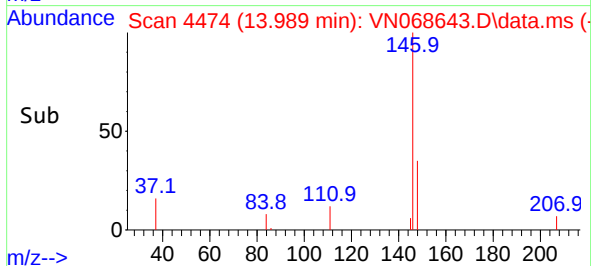
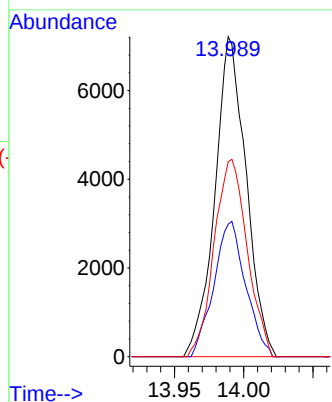
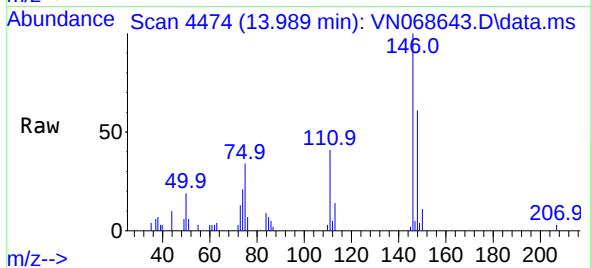




#91
1,2-Dichlorobenzene
Concen: 1.251 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
SW-CB-04-(0.5)

Tgt Ion:	146	Resp:	11326
Ion	Ratio	Lower	Upper
146	100		
111	43.0	24.9	74.6
148	65.2	31.6	95.0



#95
Naphthalene
Concen: 27.881 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068643.D
Acq: 24 Sep 2021 17:01

Tgt Ion:	128	Resp:	349792
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	11.0	8.6	12.8

