

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069219.D
 Acq On : 27 Oct 2021 15:32
 Operator : JC/MD
 Sample : M4337-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DDC-2-PS

Quant Time: Oct 28 05:21:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

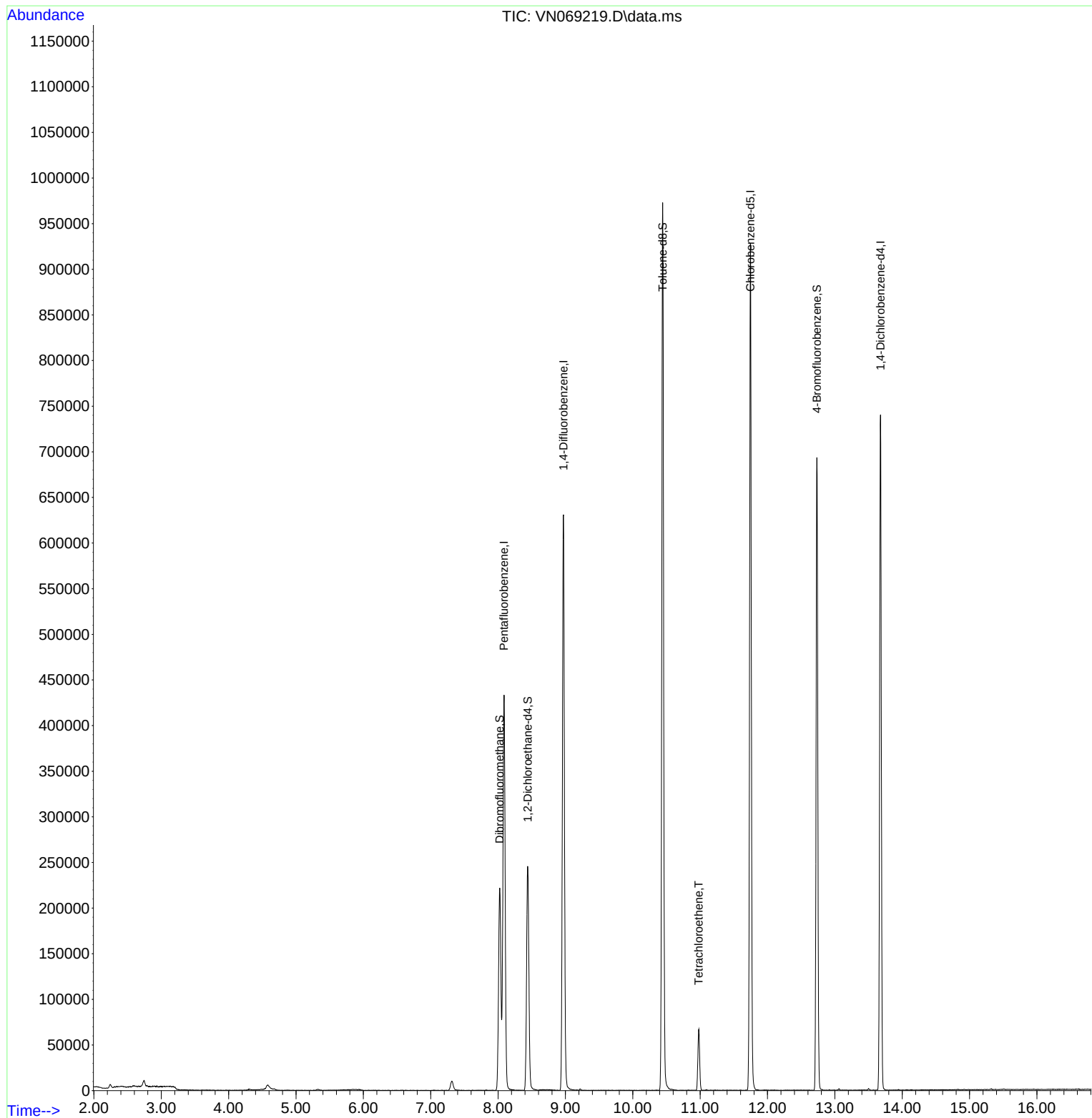
Internal Standards						
1) Pentafluorobenzene	8.088	168	322907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	568196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	540558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	197174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	216396	50.828	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.660%	
35) Dibromofluoromethane	8.024	113	165672	50.115	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.240%	
50) Toluene-d8	10.443	98	701281	53.018	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.733	95	250925	50.281	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.560%	
Target Compounds						
64) Tetrachloroethene	10.979	164	15209	4.368	ug/l	Qvalue 96

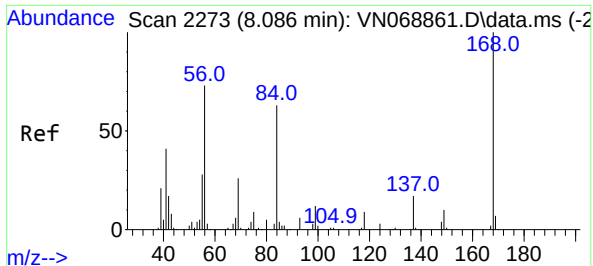
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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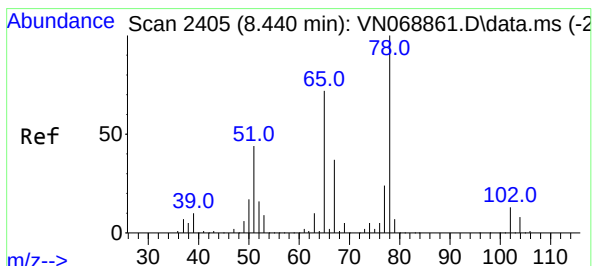
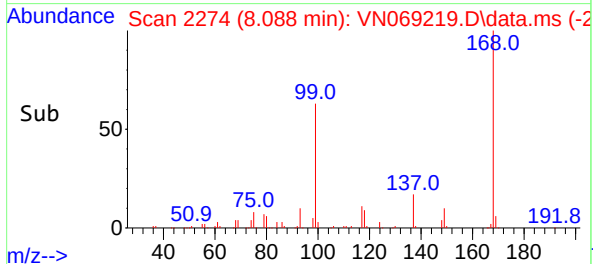
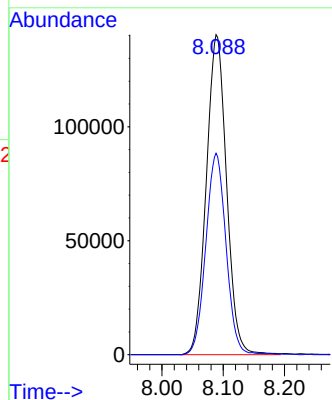
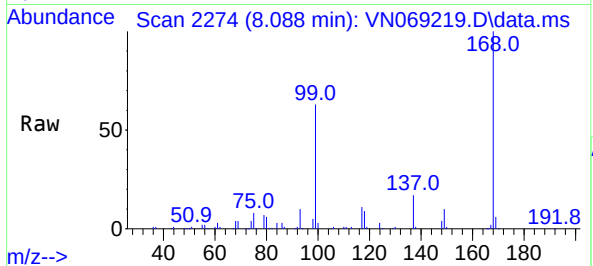




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

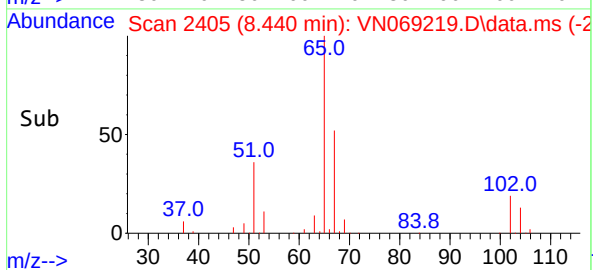
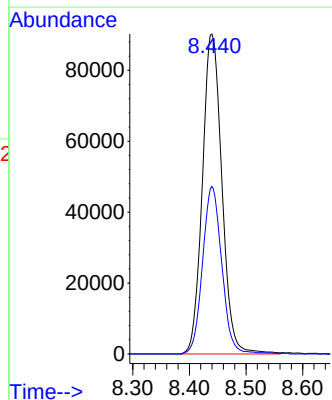
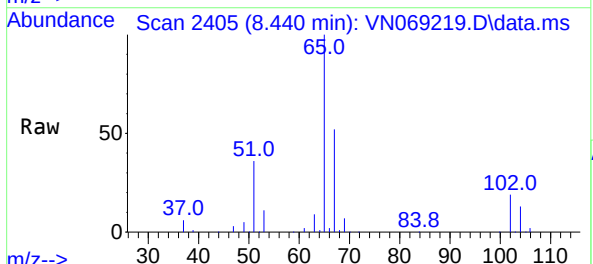
Instrument :
MSVOA_N
ClientSampleId :
DDC-2-PS

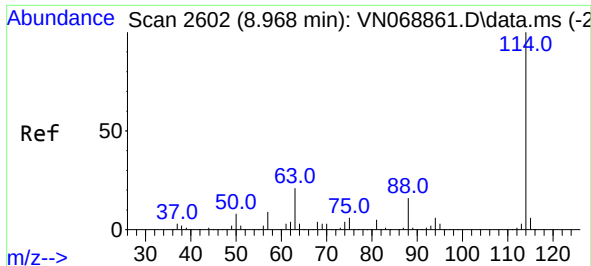
Tgt Ion:168 Resp: 322907
Ion Ratio Lower Upper
168 100
99 62.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 50.828 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion: 65 Resp: 216396
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8

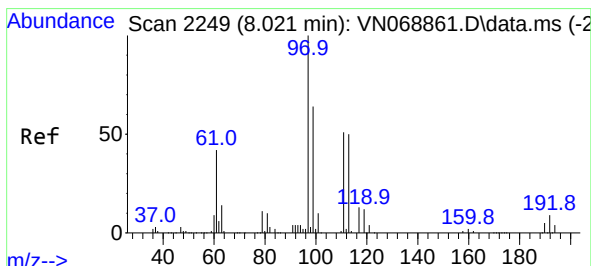
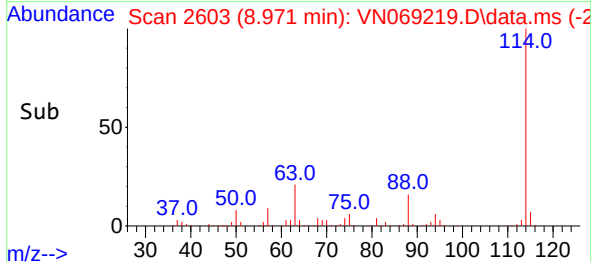
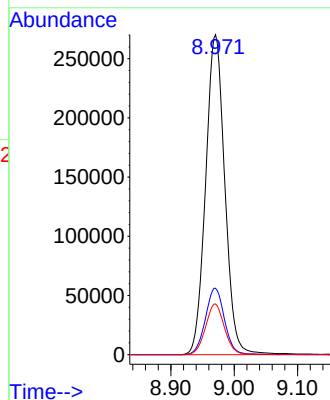
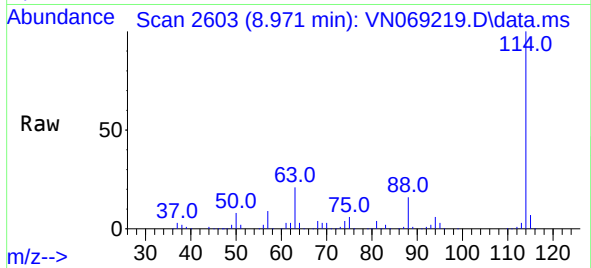




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

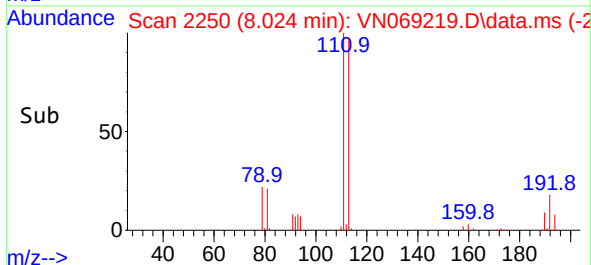
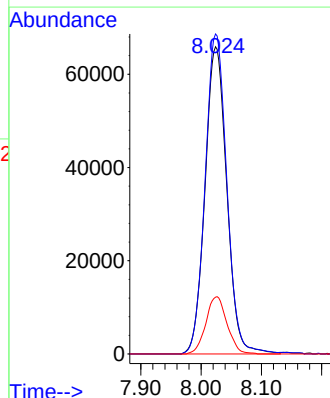
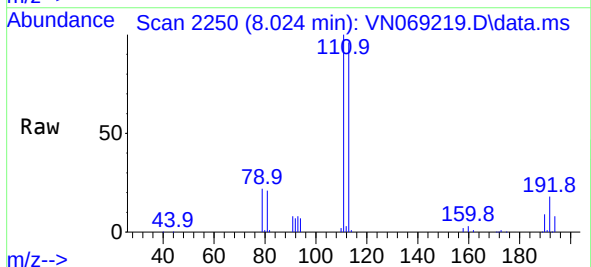
Instrument :
MSVOA_N
ClientSampleId :
DDC-2-PS

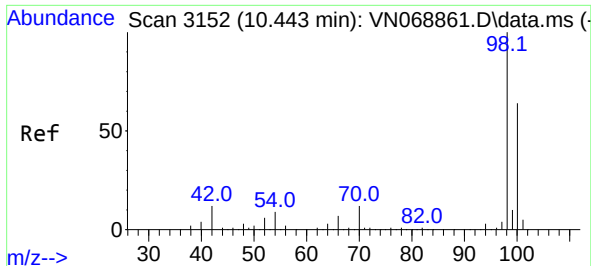
Tgt Ion:114 Resp: 568196
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.115 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion:113 Resp: 165672
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 18.1 15.0 22.4

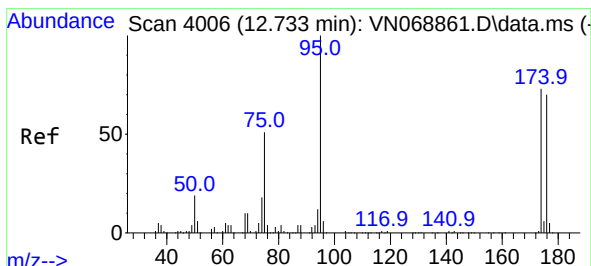
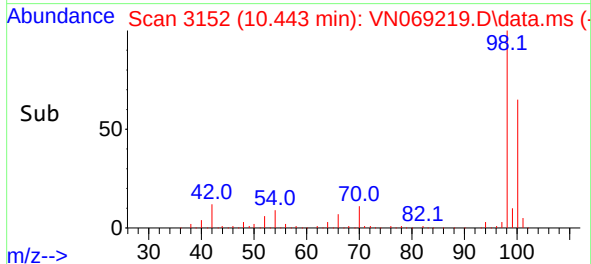
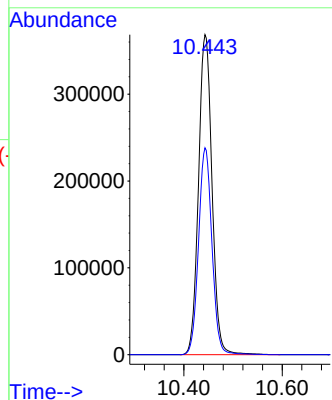
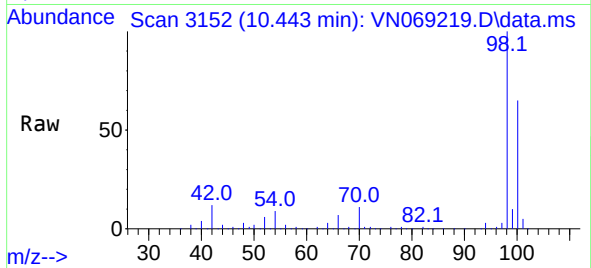




#50
Toluene-d8
Concen: 53.018 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

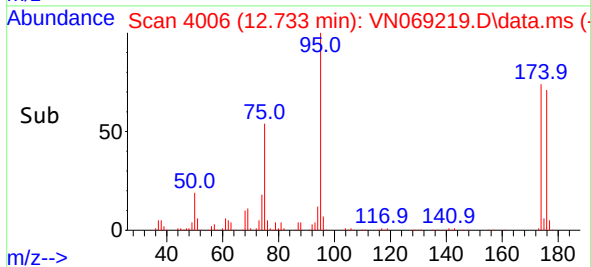
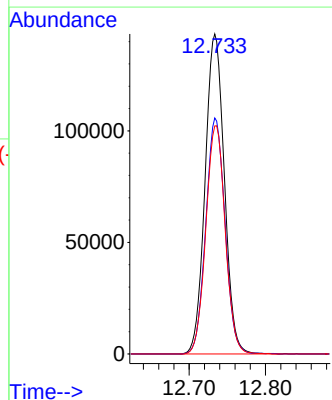
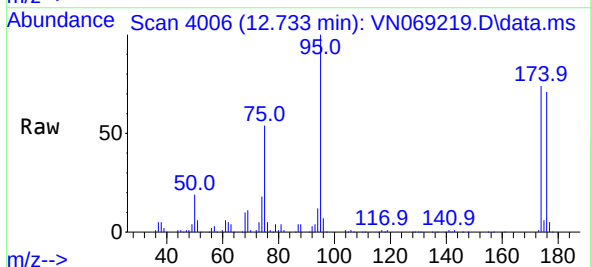
Instrument :
MSVOA_N
ClientSampleId :
DDC-2-PS

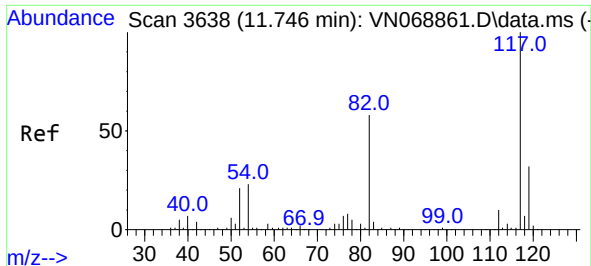
Tgt Ion: 98 Resp: 701281
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.281 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion: 95 Resp: 250925
Ion Ratio Lower Upper
95 100
174 73.9 0.0 144.8
176 71.9 0.0 140.0



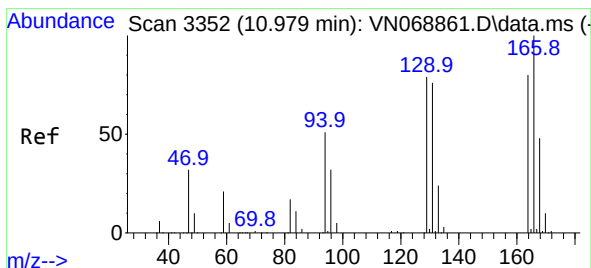
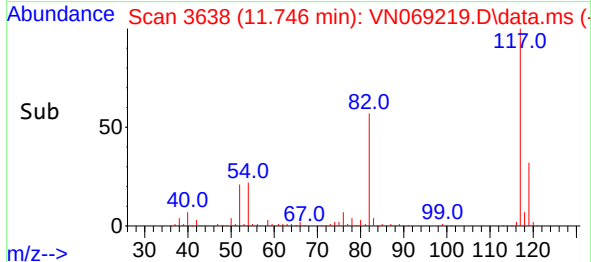
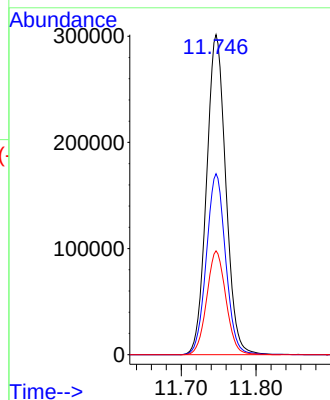
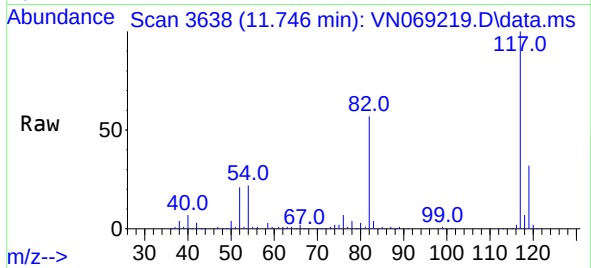


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Instrument :
MSVOA_N
ClientSampleId :
DDC-2-PS

Tgt Ion:117 Resp: 540558

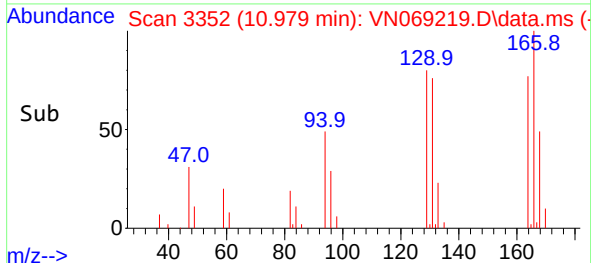
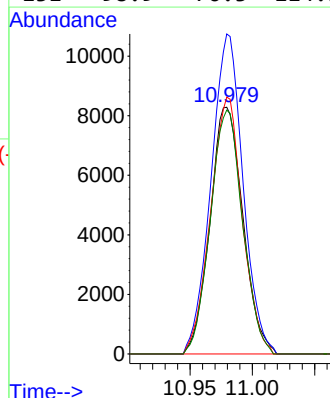
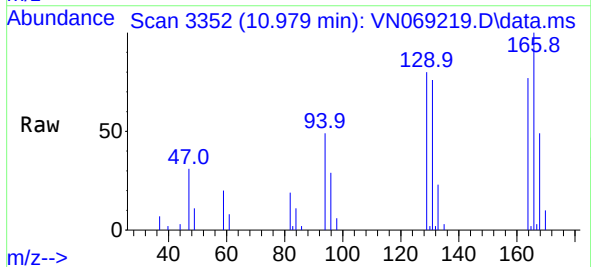
Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.4	69.6
119	32.4	26.0	39.0

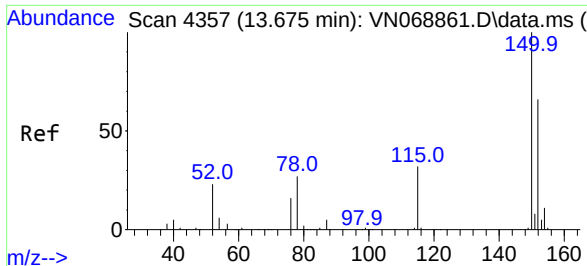


#64
Tetrachloroethene
Concen: 4.368 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN069219.D
Acq: 27 Oct 2021 15:32

Tgt Ion:164 Resp: 15209

Ion	Ratio	Lower	Upper
164	100		
166	129.7	99.8	149.8
129	104.1	79.2	118.8
131	98.9	76.3	114.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069219.D
 Acq: 27 Oct 2021 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 DDC-2-PS

Tgt Ion:152 Resp: 197174

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.4	94.3
150	158.8	0.0	351.0

