

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069028.D
 Acq On : 19 Oct 2021 16:09
 Operator : JC/MD
 Sample : M4251-09RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampled :
 TBRE

Quant Time: Oct 20 05:48:58 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)

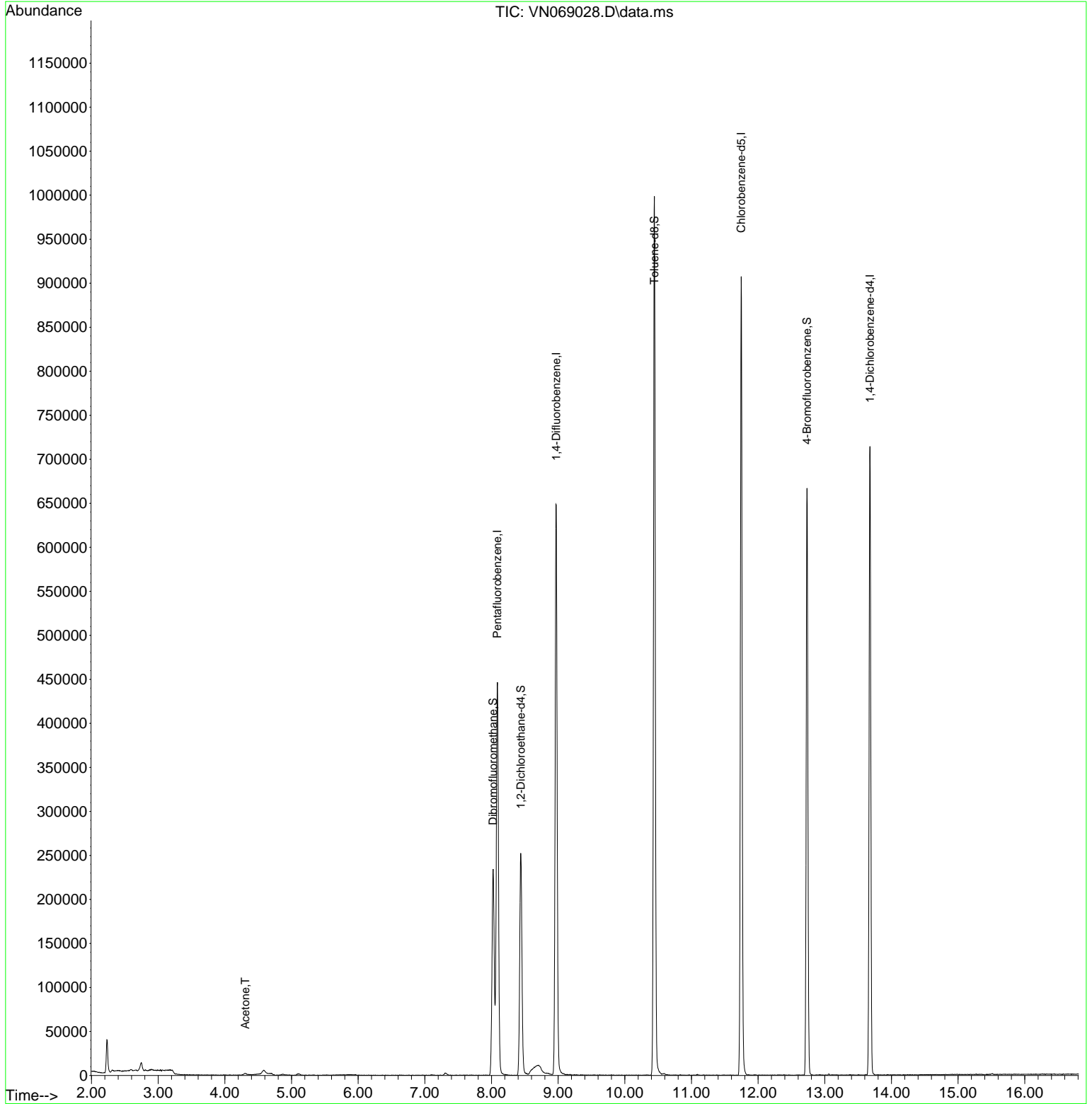
Internal Standards						
1) Pentafluorobenzene	8.088	168	337990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	579893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	537243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	191339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217795	48.874	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.740%
35) Dibromofluoromethane	8.024	113	172553	51.144	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.280%
50) Toluene-d8	10.443	98	717090	53.120	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.240%
62) 4-Bromofluorobenzene	12.733	95	242491	47.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.220%
Target Compounds						
16) Acetone	4.309	43	3172	1.907	ug/l #	81

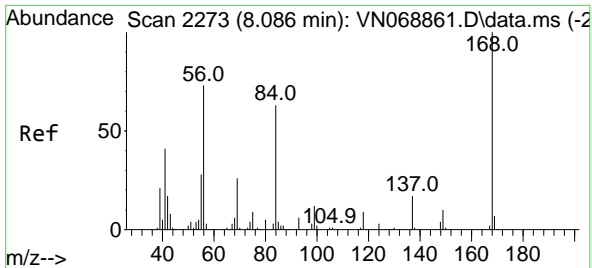
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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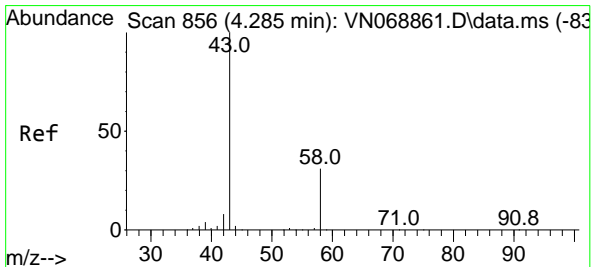
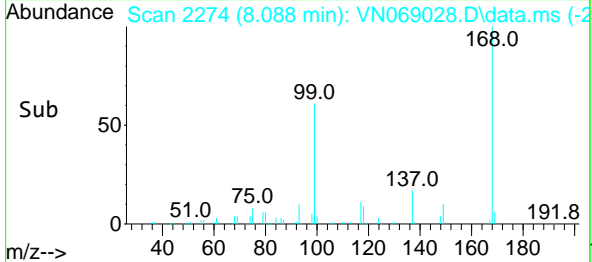
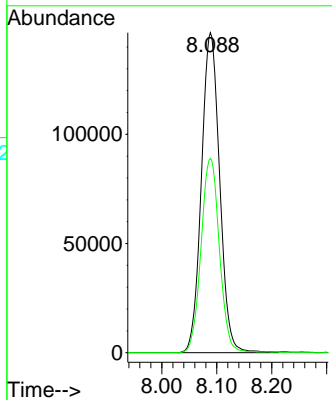
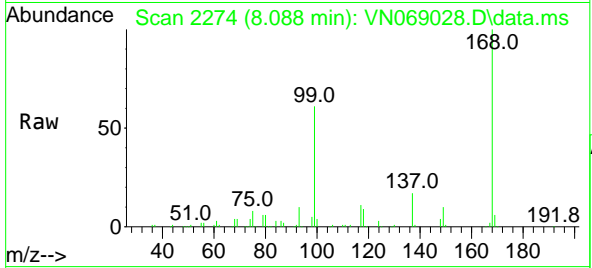




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. 0.002 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

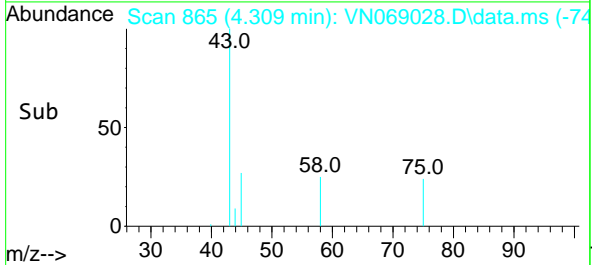
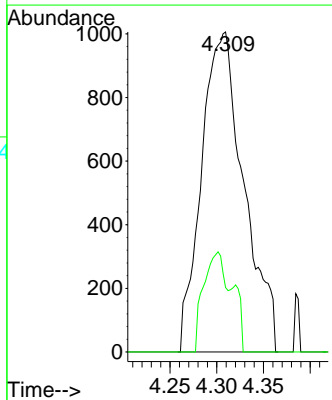
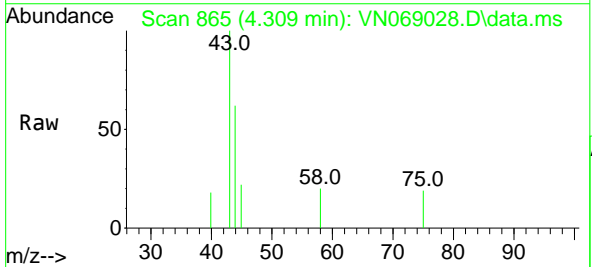
Instrument :
 MSVOA_N
 ClientSampled :
 TBRE

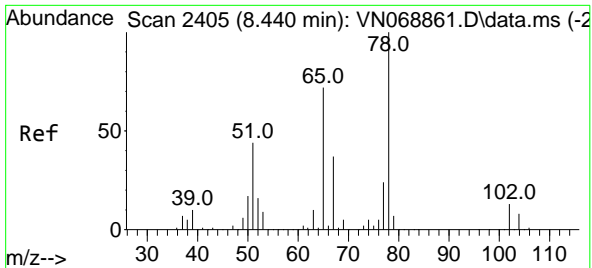
Tgt Ion:168 Resp: 337990
 Ion Ratio Lower Upper
 168 100
 99 60.7 48.9 73.3



#16
 Acetone
 Concen: 1.907 ug/l
 RT: 4.309 min Scan# 865
 Delta R.T. 0.024 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

Tgt Ion: 43 Resp: 3172
 Ion Ratio Lower Upper
 43 100
 58 20.2 24.5 36.7#

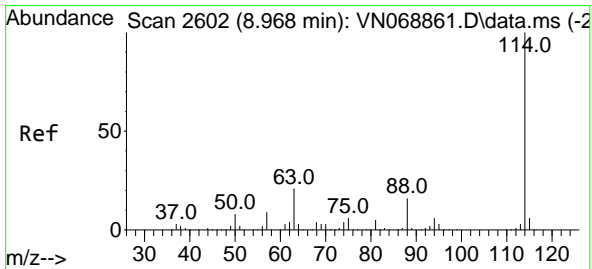
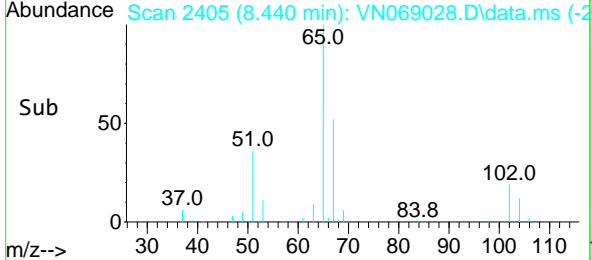
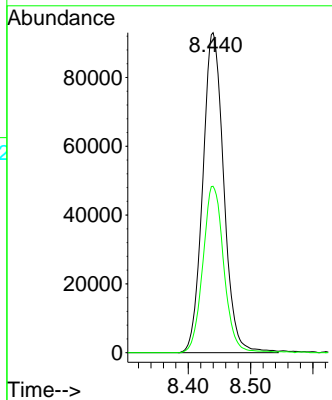
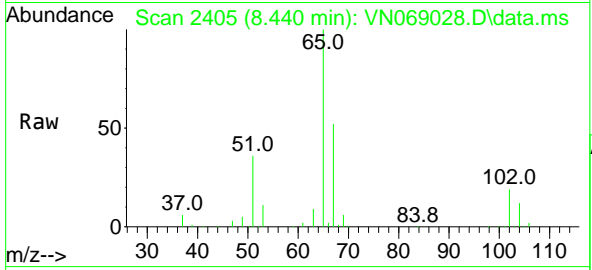




#33
 1,2-Dichloroethane-d4
 Concen: 48.874 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

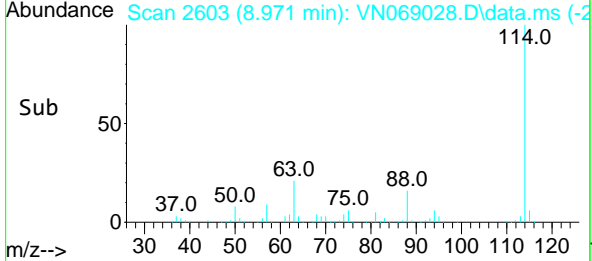
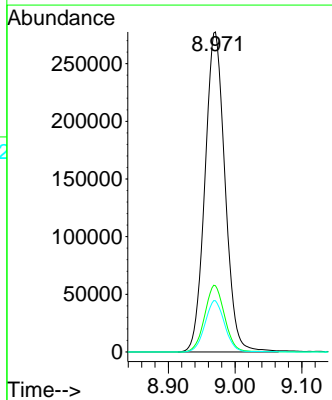
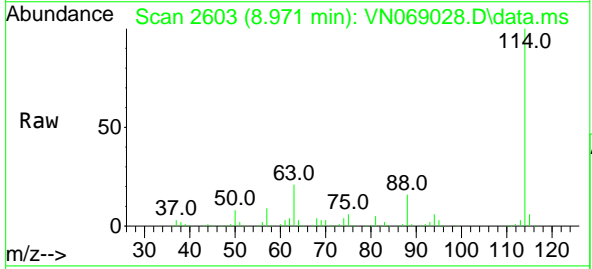
Instrument : MSVOA_N
 ClientSampled : TBRE

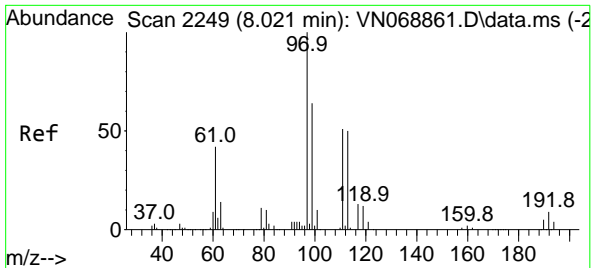
Tgt Ion: 65 Resp: 217795
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

Tgt Ion:114 Resp: 579893
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.6
 88 16.0 0.0 32.0



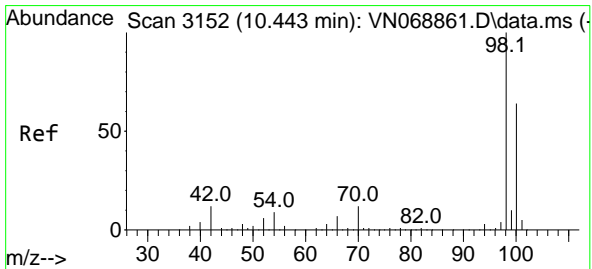
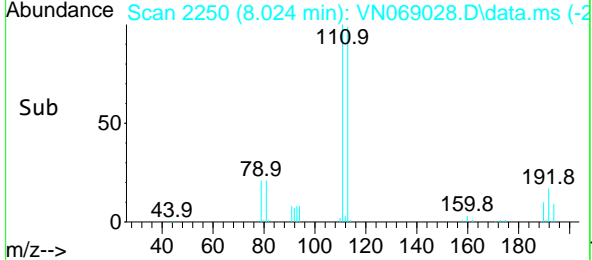
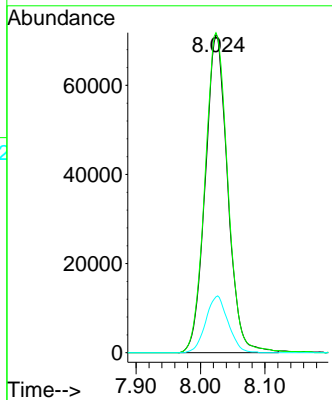
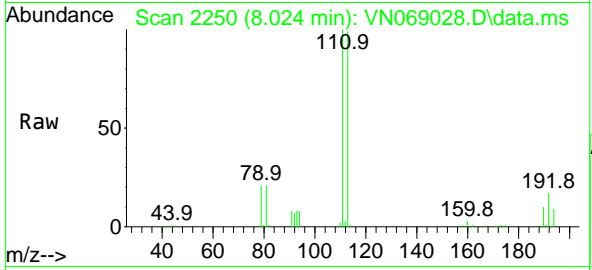


#35
 Dibromofluoromethane
 Concen: 51.144 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. 0.003 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

Instrument :
 MSVOA_N
ClientSampled :
 TBRE

Tgt Ion:113 Resp: 172553

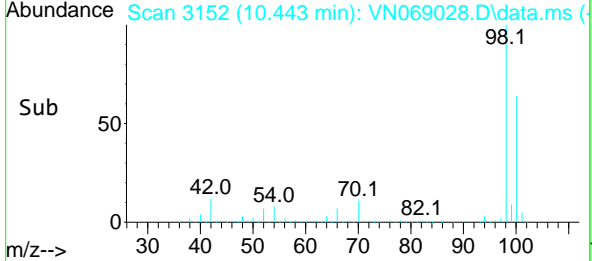
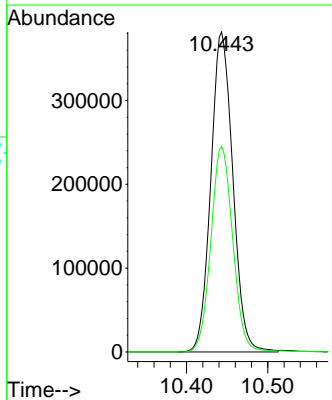
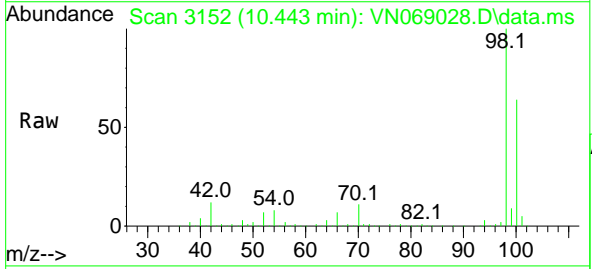
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.2	124.8
192	17.8	15.0	22.4

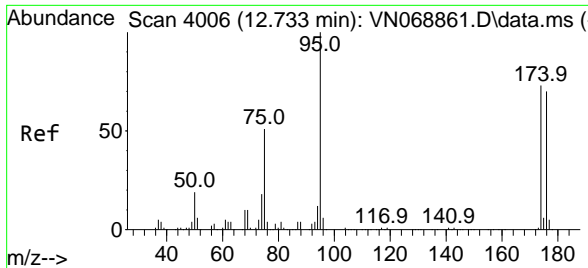


#50
 Toluene-d8
 Concen: 53.120 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. -0.000 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

Tgt Ion: 98 Resp: 717090

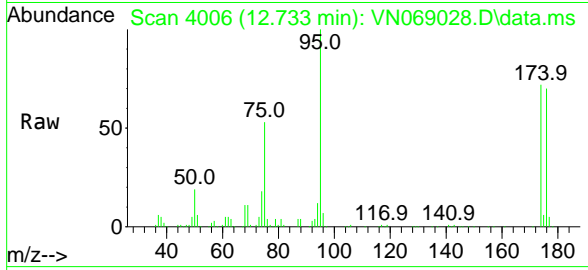
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3





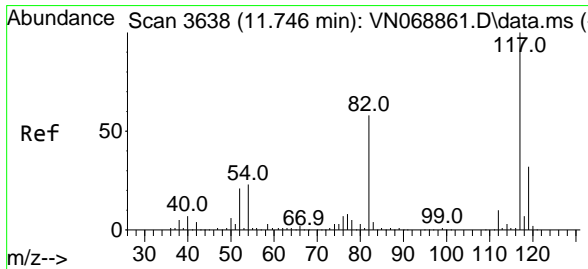
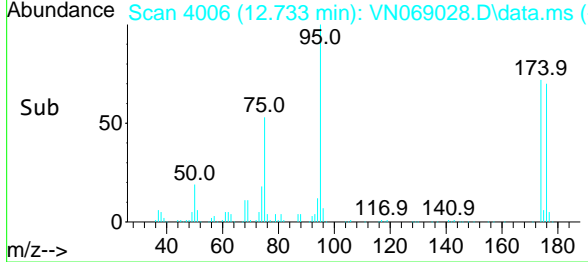
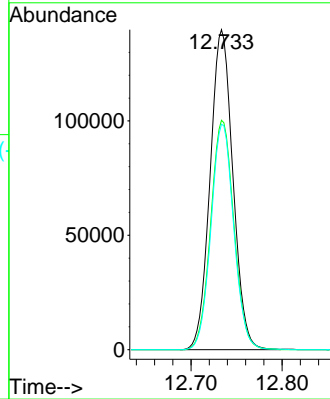
#62
 4-Bromofluorobenzene
 Concen: 47.611 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.000 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

Instrument :
 MSVOA_N
 ClientSampled :
 TBRE

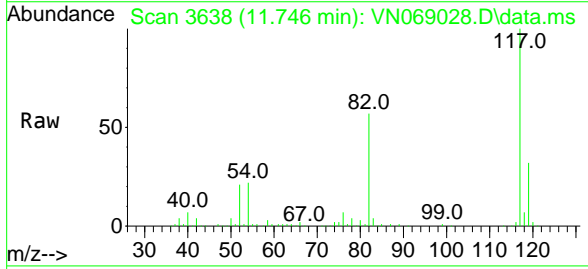


Tgt Ion: 95 Resp: 242491

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	144.8
176	70.5	0.0	140.0

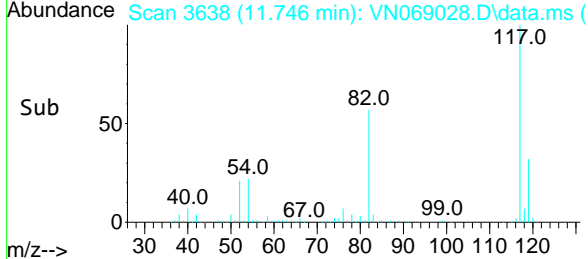
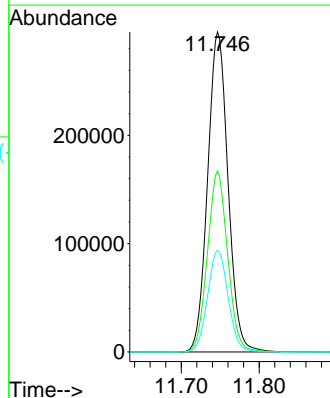


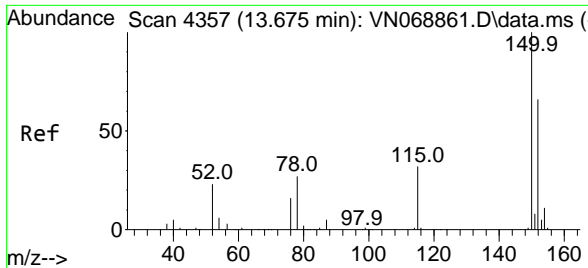
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.746 min Scan# 3638
 Delta R.T. -0.000 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09



Tgt Ion: 117 Resp: 537243

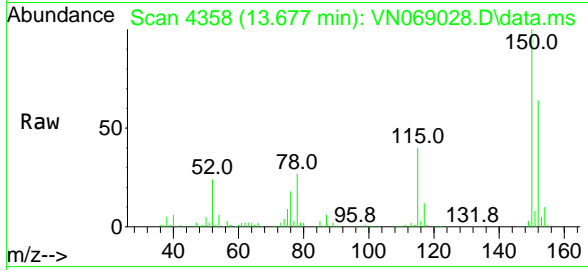
Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.4	69.6
119	31.8	26.0	39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

Instrument :
 MSVOA_N
ClientSampled :
 TBRE



Tgt Ion:152 Resp: 191339

Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.4	94.3
150	156.3	0.0	351.0

