

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068747.D
 Acq On : 29 Sep 2021 18:40
 Operator : JC/MD
 Sample : M3986-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Sep 29 23:42:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

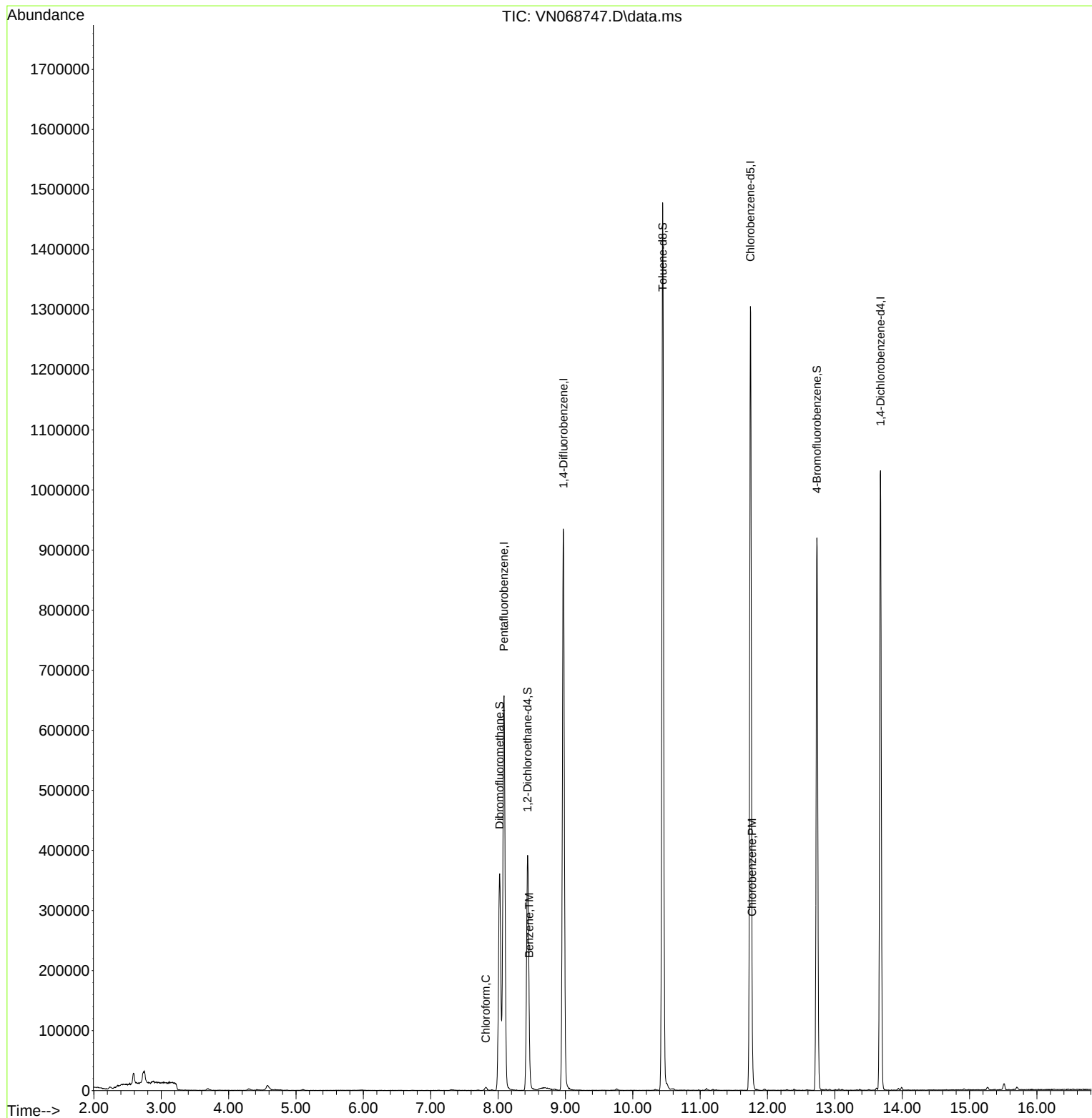
Internal Standards						
1) Pentafluorobenzene	8.088	168	479836	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	823877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	739597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	262844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	326155	48.784	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.560%
35) Dibromofluoromethane	8.024	113	254761	49.768	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.540%
50) Toluene-d8	10.443	98	1019933	54.526	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.060%
62) 4-Bromofluorobenzene	12.734	95	291905	44.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.820%
Target Compounds						
						Qvalue
30) Chloroform	7.818	83	5007	0.423	ug/l	93
40) Benzene	8.461	78	7471	0.317	ug/l	95
65) Chlorobenzene	11.771	112	6083	0.361	ug/l	91

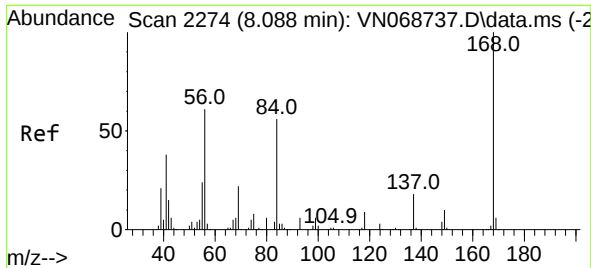
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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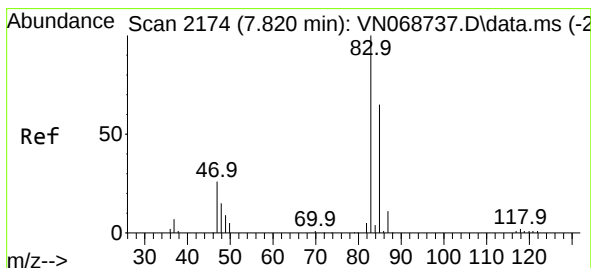
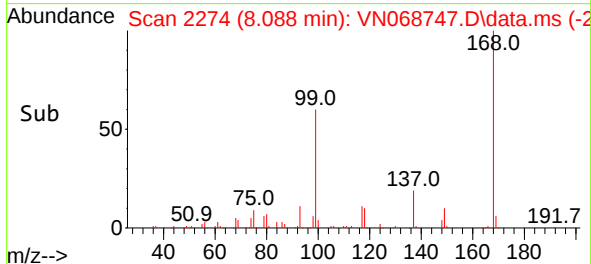
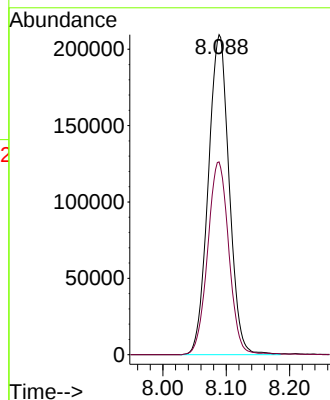
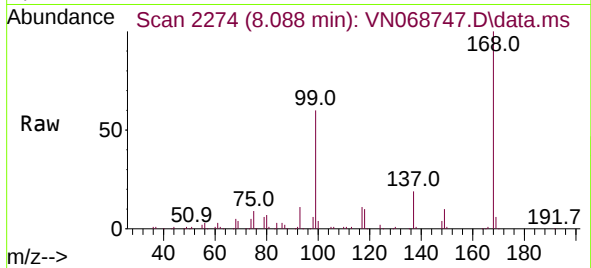




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068747.D
Acq: 29 Sep 2021 18:40

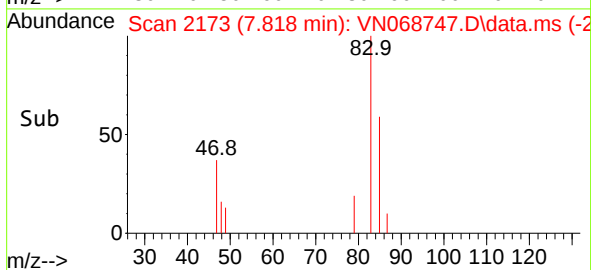
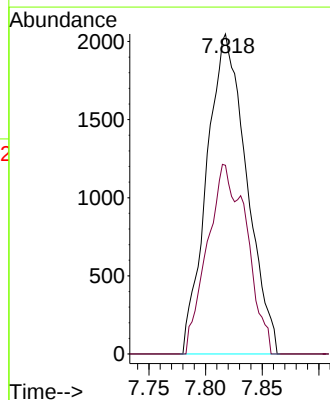
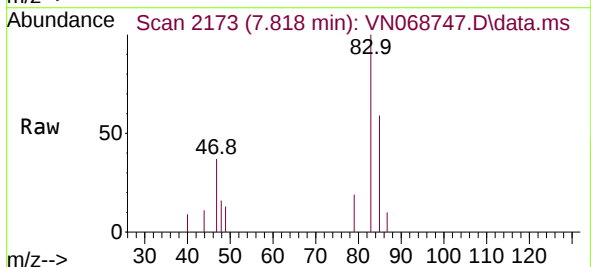
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)

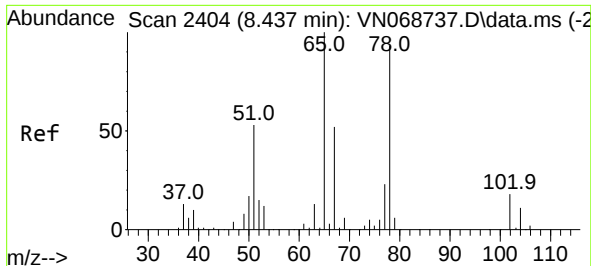
Tgt Ion:168 Resp: 479836
Ion Ratio Lower Upper
168 100
99 60.3 62.9 94.3#



#30
Chloroform
Concen: 0.423 ug/l
RT: 7.818 min Scan# 2173
Delta R.T. -0.002 min
Lab File: VN068747.D
Acq: 29 Sep 2021 18:40

Tgt Ion: 83 Resp: 5007
Ion Ratio Lower Upper
83 100
85 58.9 51.5 77.3

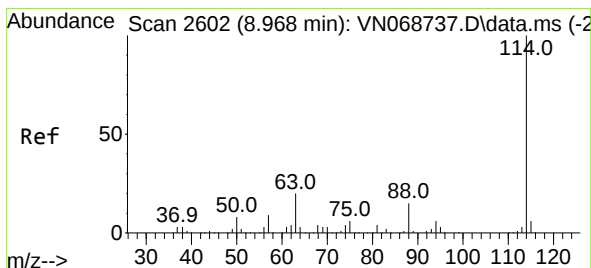
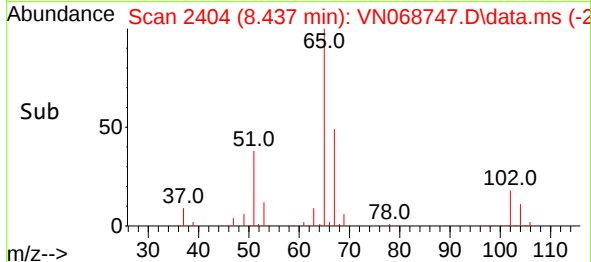
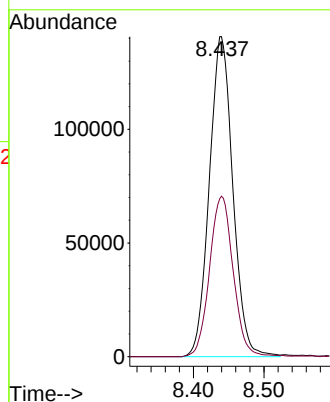
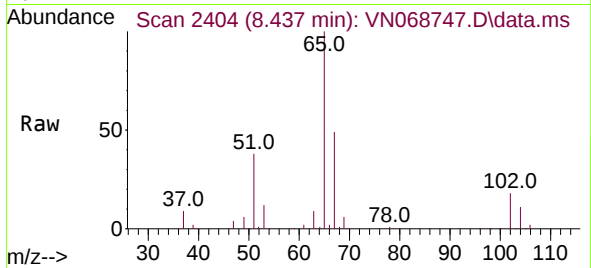




#33
 1,2-Dichloroethane-d4
 Concen: 48.784 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN068747.D
 Acq: 29 Sep 2021 18:40

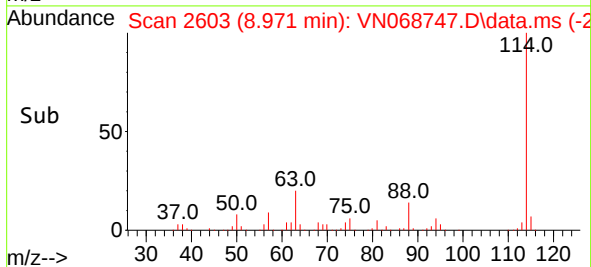
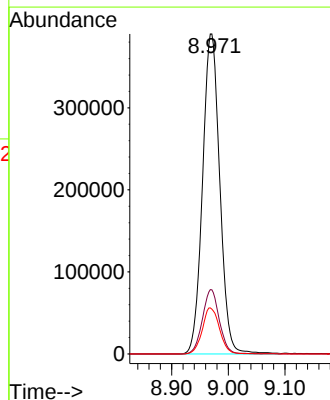
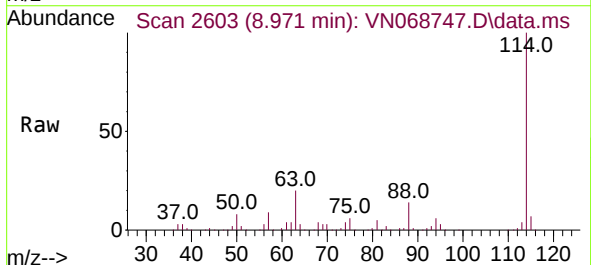
Instrument :
 MSVOA_N
 ClientSampleId :
 SW-RR-03-(SA)

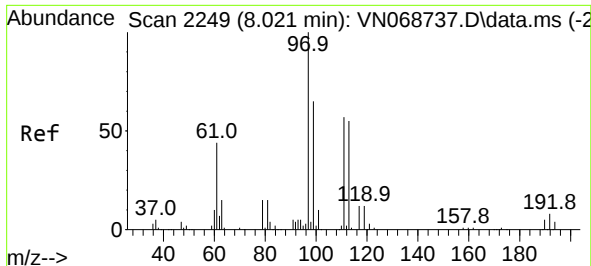
Tgt Ion: 65 Resp: 326155
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068747.D
 Acq: 29 Sep 2021 18:40

Tgt Ion: 114 Resp: 823877
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 49.0
 88 14.0 0.0 36.6

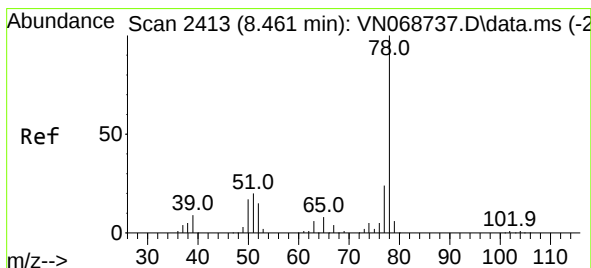
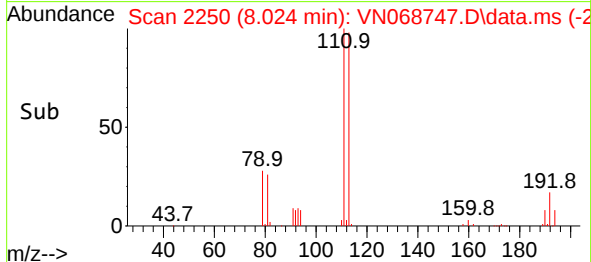
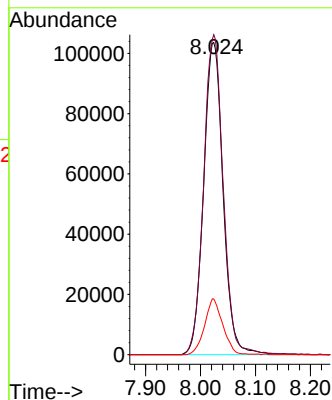
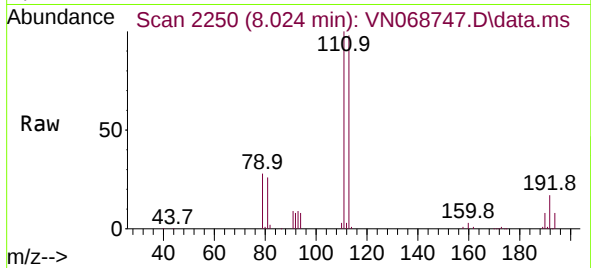




#35
Dibromofluoromethane
Concen: 49.768 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068747.D
Acq: 29 Sep 2021 18:40

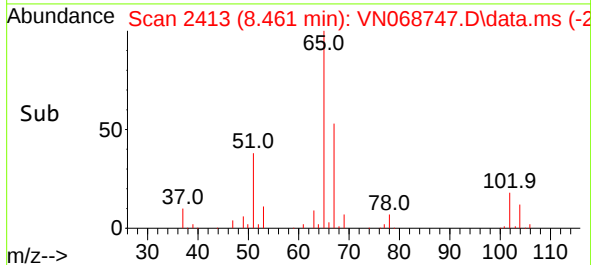
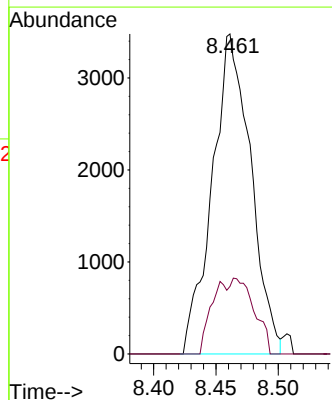
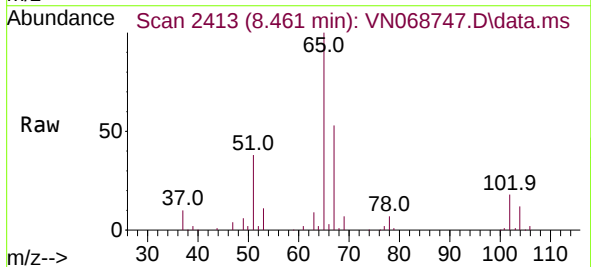
Instrument :
MSVOA_N
ClientSampleId :
SW-RR-03-(SA)

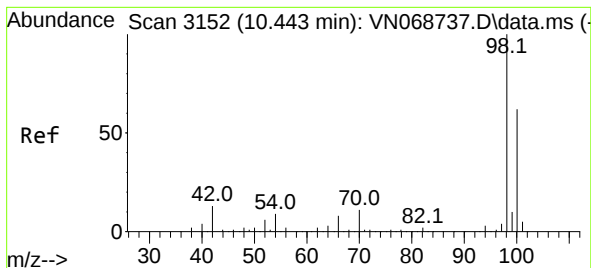
Tgt Ion:113 Resp: 254761
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 16.7 13.4 20.0



#40
Benzene
Concen: 0.317 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068747.D
Acq: 29 Sep 2021 18:40

Tgt Ion: 78 Resp: 7471
Ion Ratio Lower Upper
78 100
77 21.1 18.9 28.3

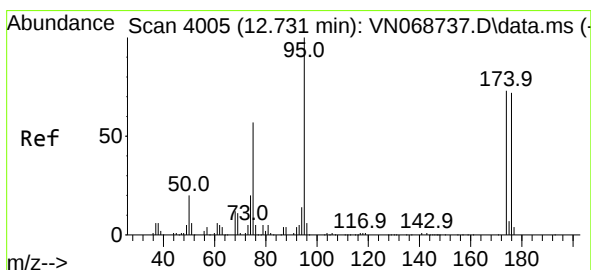
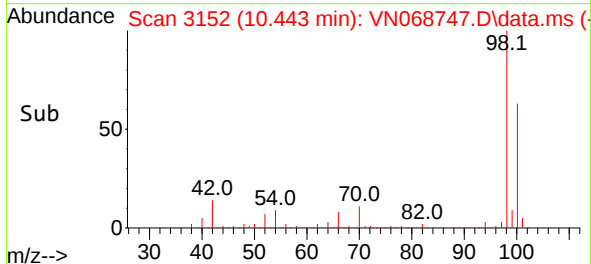
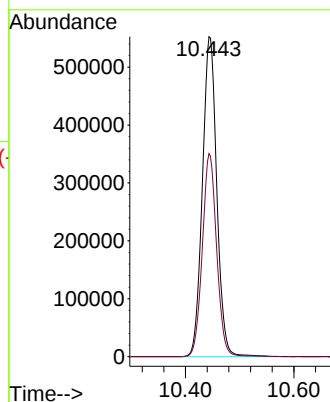
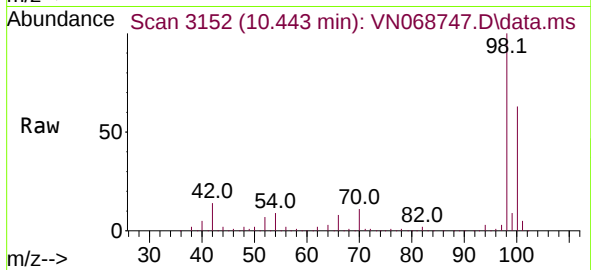




#50
Toluene-d8
Concen: 54.526 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068747.D
Acq: 29 Sep 2021 18:40

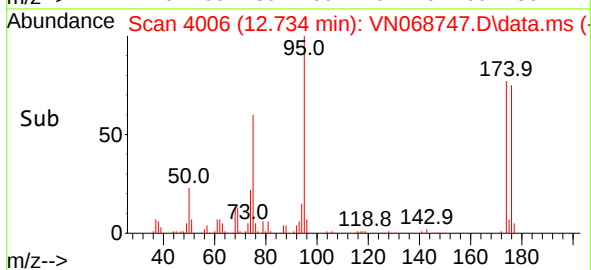
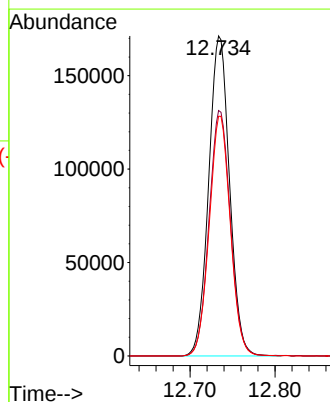
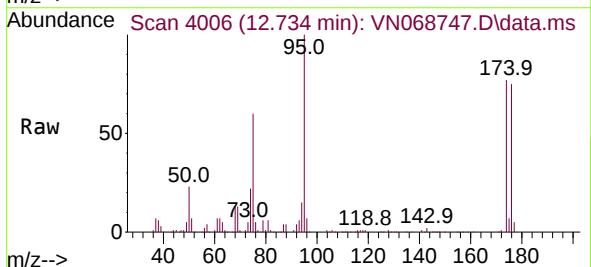
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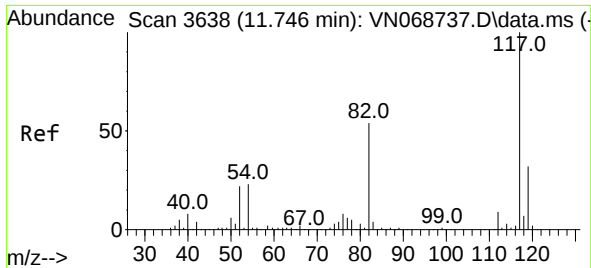
Tgt Ion: 98 Resp: 1019933
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.910 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068747.D
Acq: 29 Sep 2021 18:40

Tgt Ion: 95 Resp: 291905
Ion Ratio Lower Upper
95 100
174 78.5 0.0 122.0
176 75.7 0.0 117.6

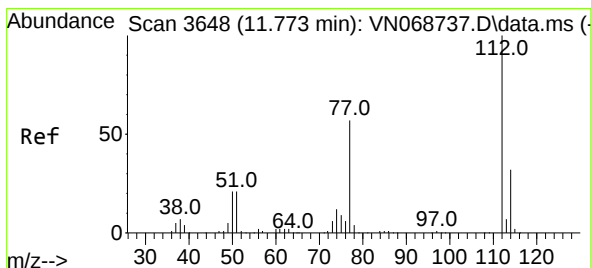
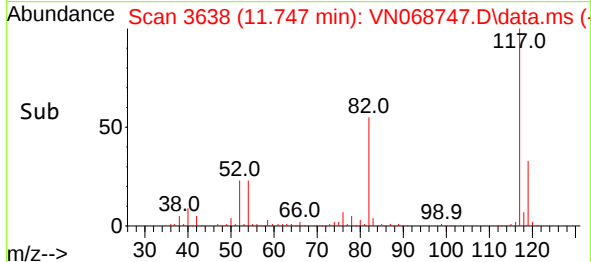
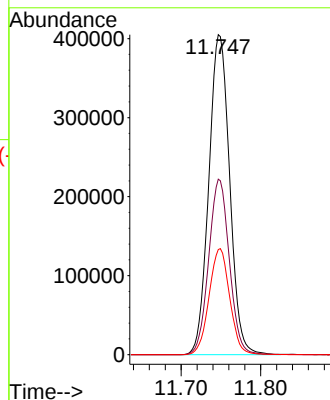
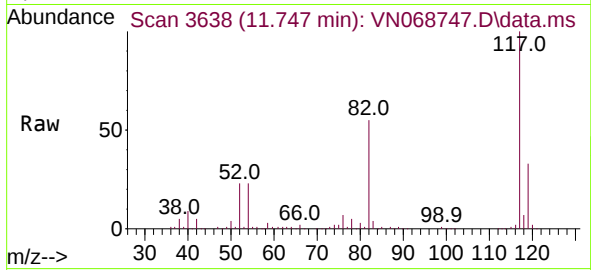




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068747.D
Acq: 29 Sep 2021 18:40

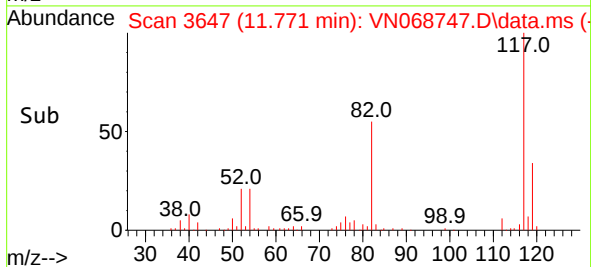
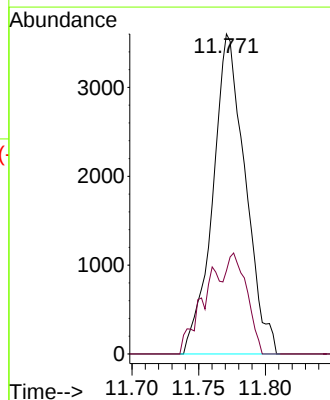
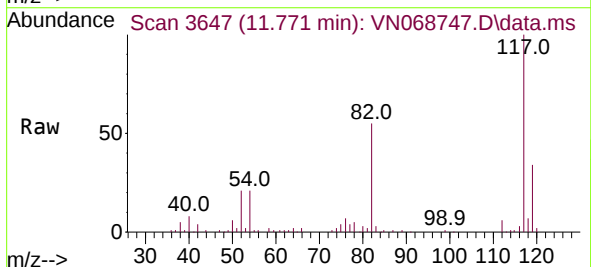
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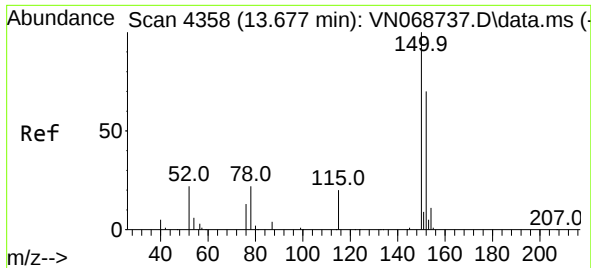
Tgt Ion:117 Resp: 739597
Ion Ratio Lower Upper
117 100
82 54.9 53.1 79.7
119 32.9 25.5 38.3



#65
Chlorobenzene
Concen: 0.361 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN068747.D
Acq: 29 Sep 2021 18:40

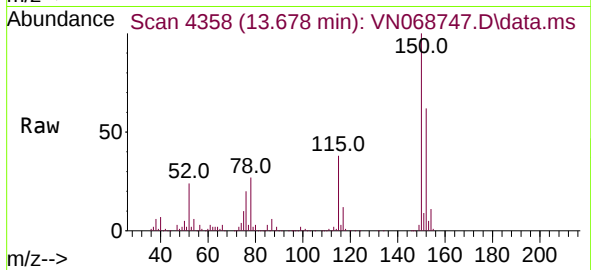
Tgt Ion:112 Resp: 6083
Ion Ratio Lower Upper
112 100
114 26.0 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.001 min
 Lab File: VN068747.D
 Acq: 29 Sep 2021 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-RR-03-(SA)



Tgt Ion:152 Resp: 262844
 Ion Ratio Lower Upper
 152 100
 115 60.1 36.1 108.5
 150 158.2 0.0 351.8

