

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068551.D
 Acq On : 18 Sep 2021 5:38
 Operator : JC/MD
 Sample : M3798-04
 Misc : 6.92g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-07-(22-24)

Quant Time: Sep 20 06:02:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

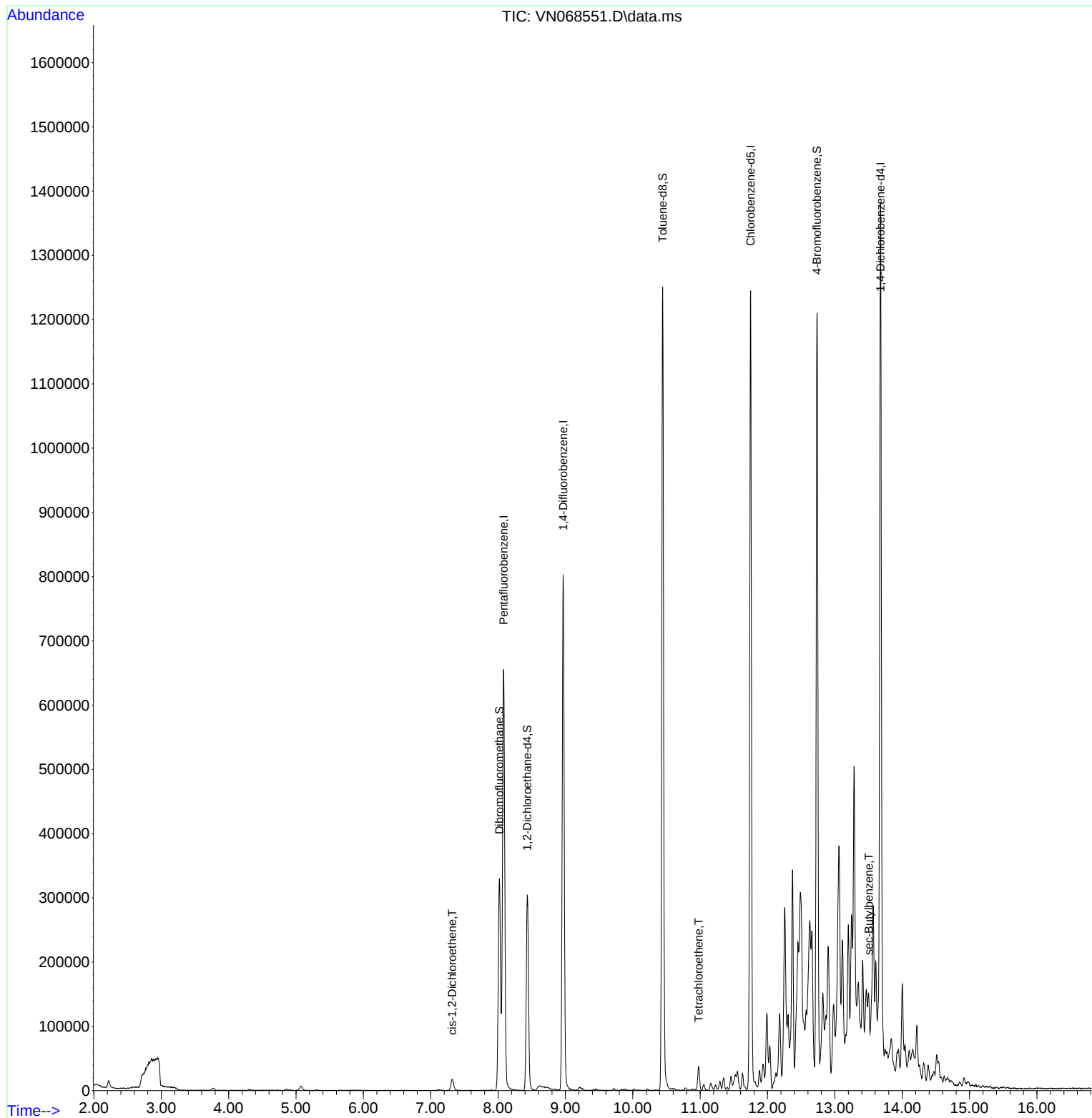
Internal Standards						
1) Pentafluorobenzene	8.083	168	596970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	804439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	813284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	418432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	255377	46.636	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.280%		
35) Dibromofluoromethane	8.018	113	239273	49.316	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.640%		
50) Toluene-d8	10.443	98	953610	48.071	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.140%		
62) 4-Bromofluorobenzene	12.733	95	367149	55.477	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.960%		
Target Compounds						
27) cis-1,2-Dichloroethene	7.318	96	12702	2.020	ug/l	86
64) Tetrachloroethene	10.977	164	9142	1.268	ug/l	92
85) sec-Butylbenzene	13.506	105	33313	1.144	ug/l	97

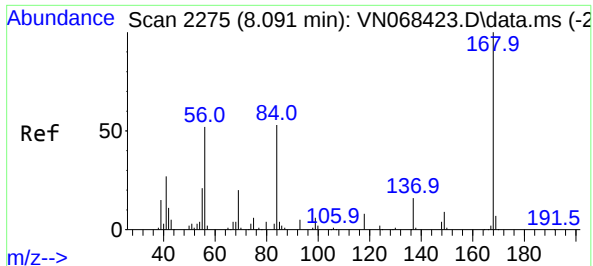
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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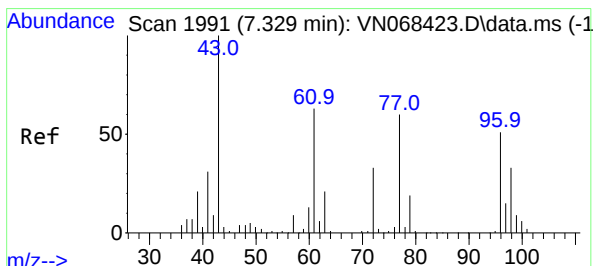
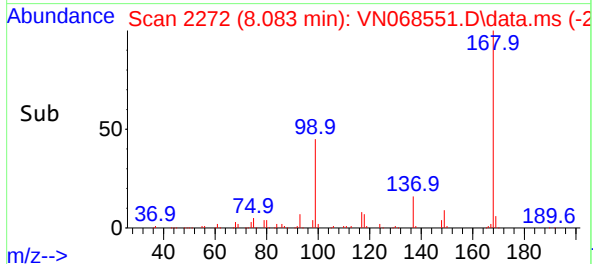
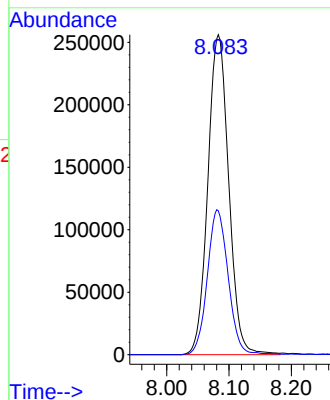
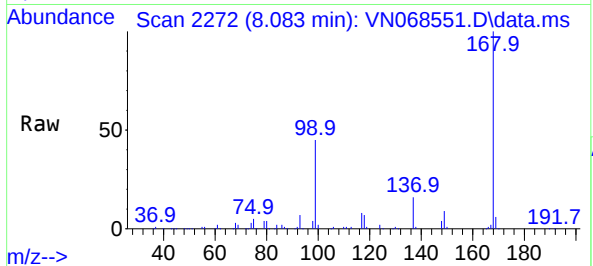




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.008 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

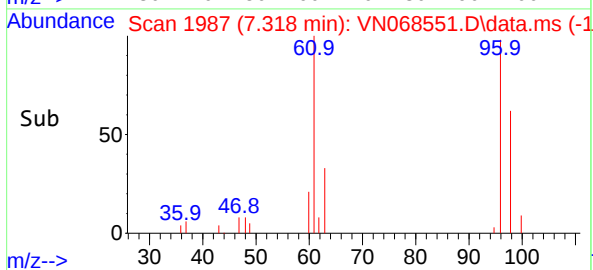
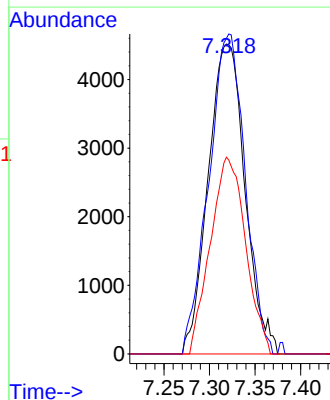
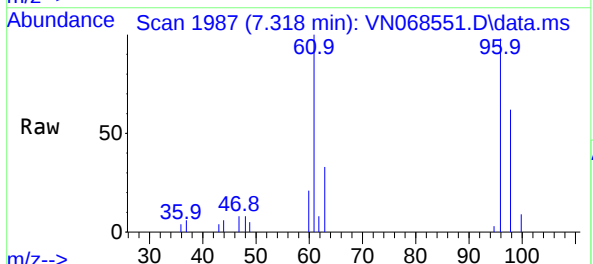
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(22-24)

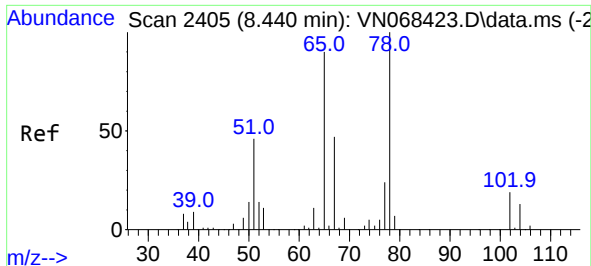
Tgt Ion:168 Resp: 596970
Ion Ratio Lower Upper
168 100
99 45.0 38.2 57.4



#27
cis-1,2-Dichloroethene
Concen: 2.020 ug/l
RT: 7.318 min Scan# 1987
Delta R.T. -0.011 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

Tgt Ion: 96 Resp: 12702
Ion Ratio Lower Upper
96 100
61 102.0 0.0 246.4
98 60.7 0.0 130.4



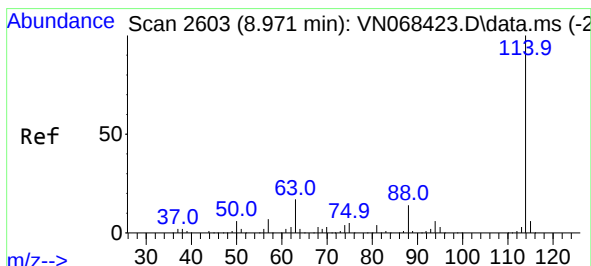
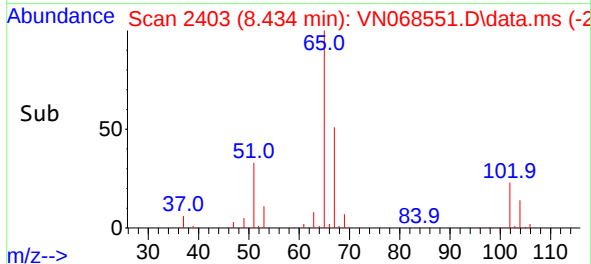
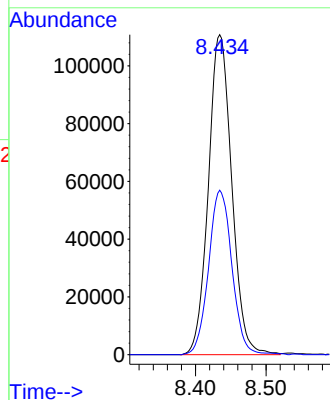
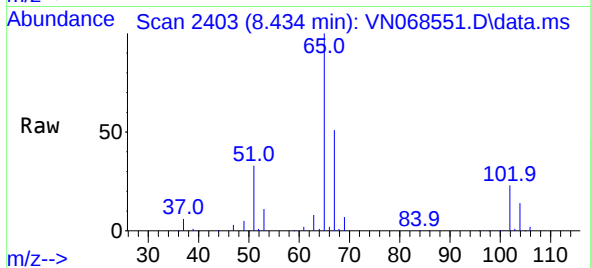


#33

1,2-Dichloroethane-d4
Concen: 46.636 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(22-24)

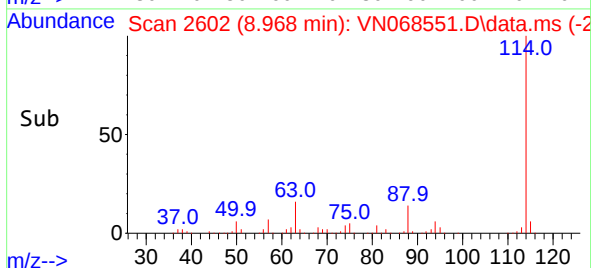
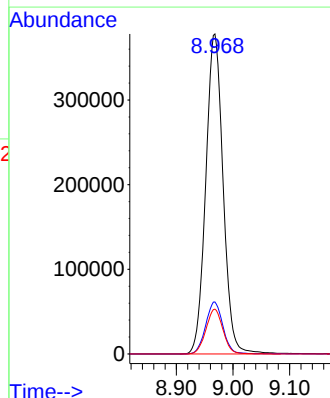
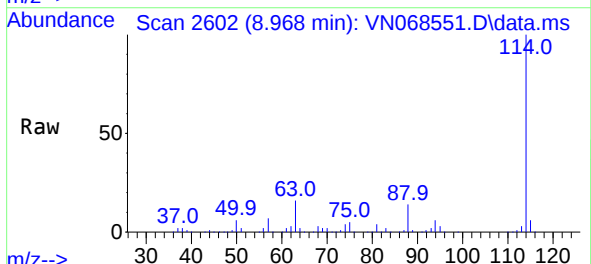
Tgt Ion: 65 Resp: 255377
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

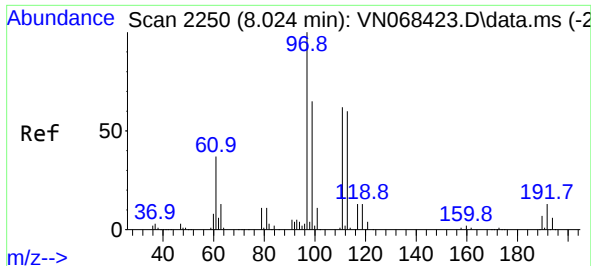


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

Tgt Ion: 114 Resp: 804439
Ion Ratio Lower Upper
114 100
63 16.2 0.0 33.2
88 14.0 0.0 28.4

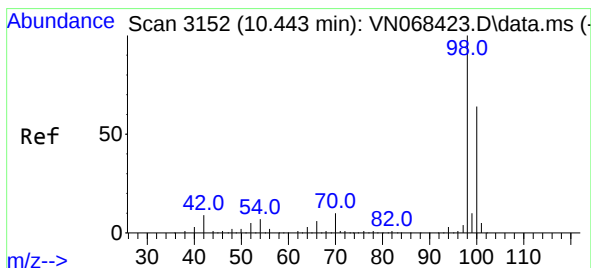
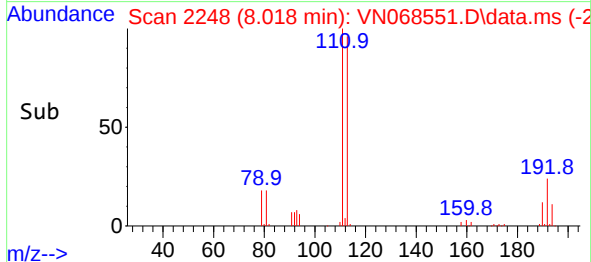
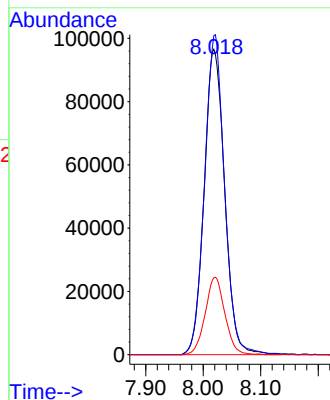
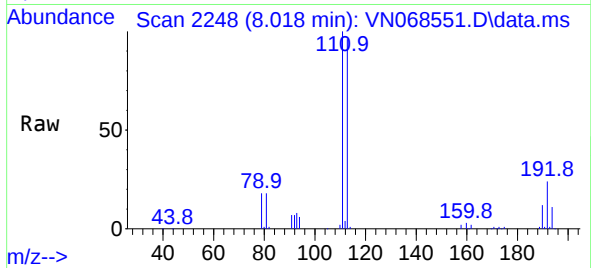




#35
Dibromofluoromethane
Concen: 49.316 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

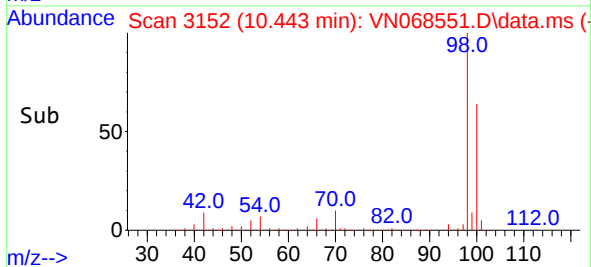
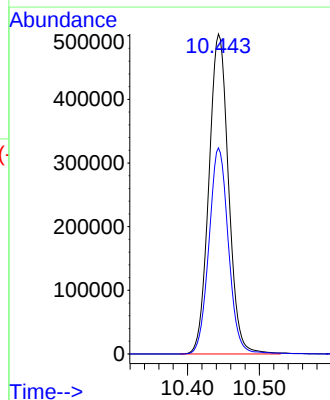
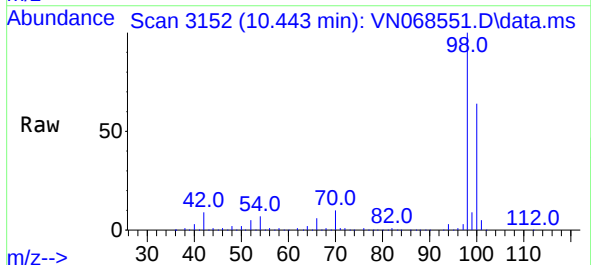
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(22-24)

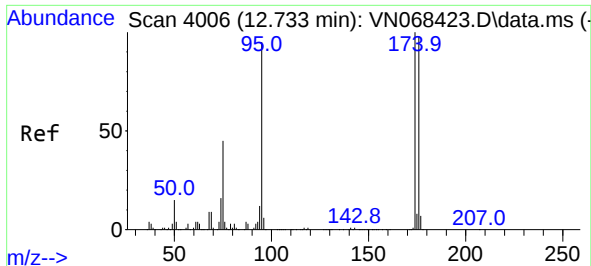
Tgt Ion:113 Resp: 239273
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 24.3 17.7 26.5



#50
Toluene-d8
Concen: 48.071 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

Tgt Ion: 98 Resp: 953610
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6

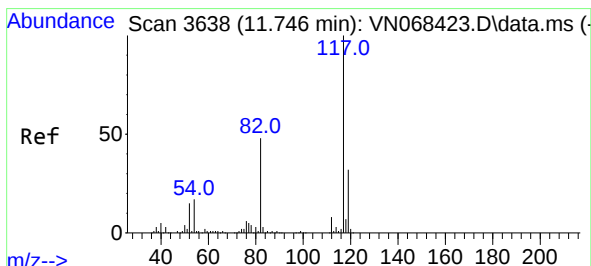
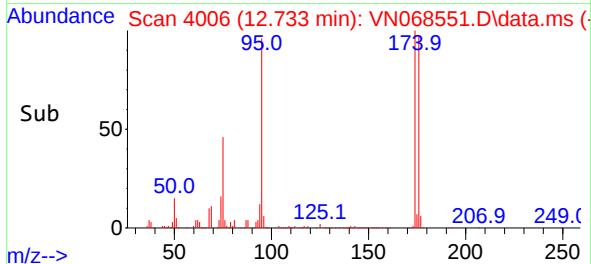
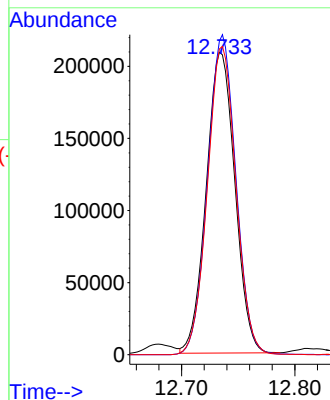
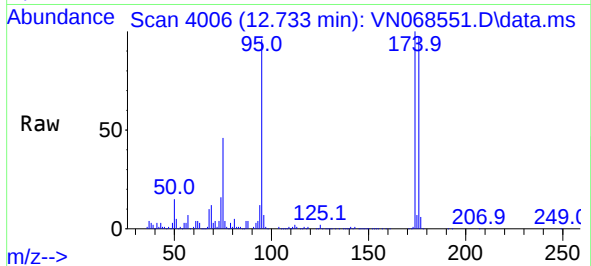




#62
4-Bromofluorobenzene
Concen: 55.477 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

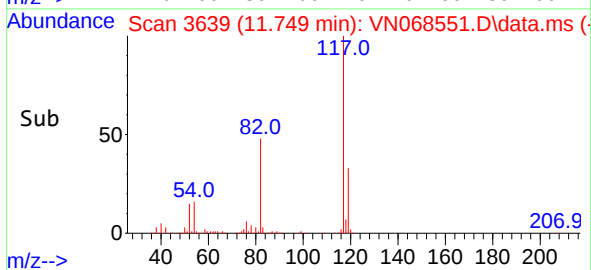
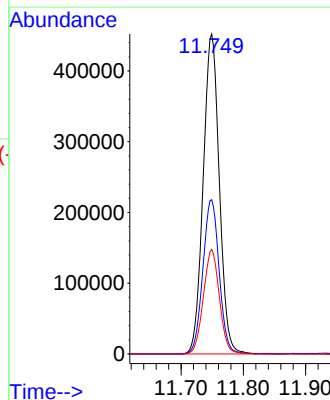
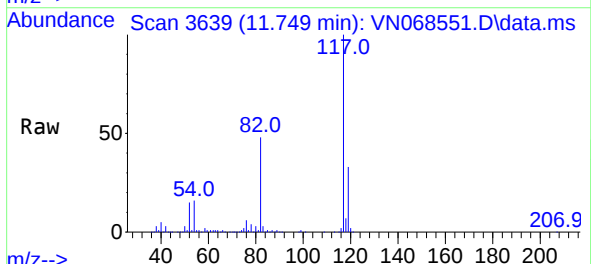
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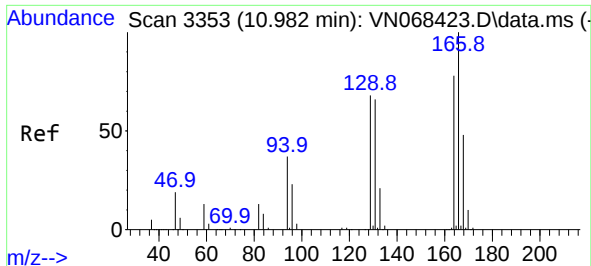
Tgt Ion: 95 Resp: 367149
Ion Ratio Lower Upper
95 100
174 105.0 0.0 214.0
176 102.0 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

Tgt Ion: 117 Resp: 813284
Ion Ratio Lower Upper
117 100
82 48.2 38.7 58.1
119 32.7 25.5 38.3



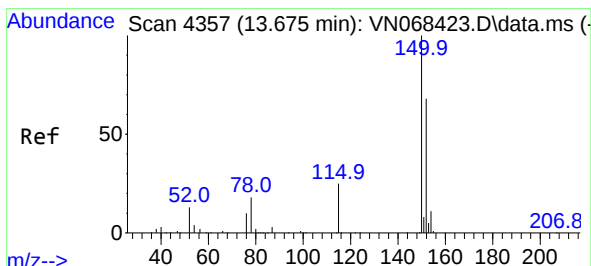
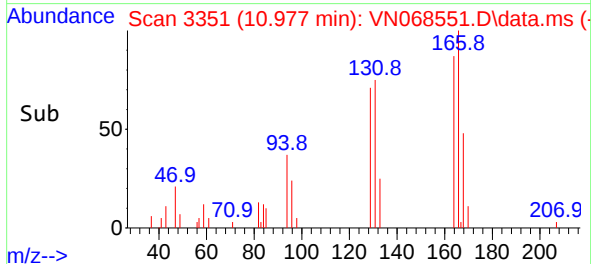
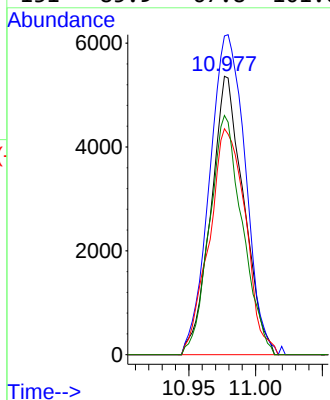
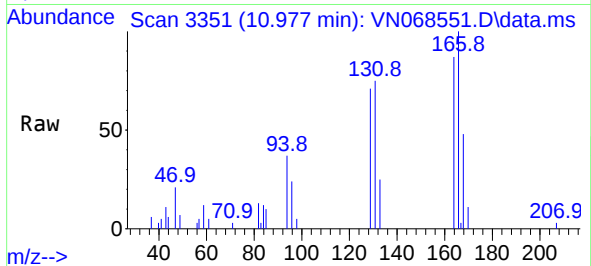


#64
Tetrachloroethene
Concen: 1.268 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.005 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

Instrument :
MSVOA_N
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Tgt Ion:164 Resp: 9142

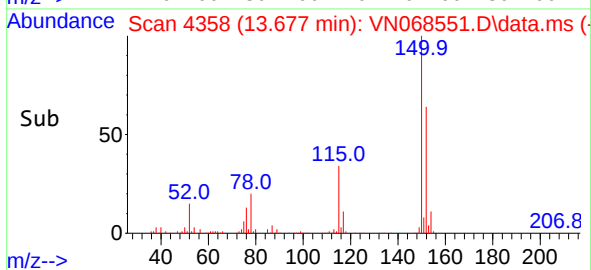
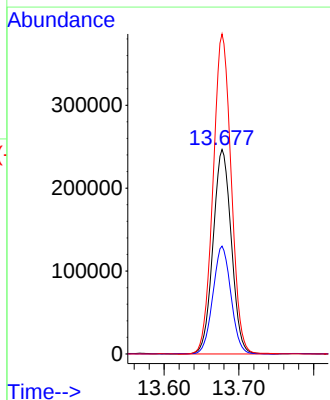
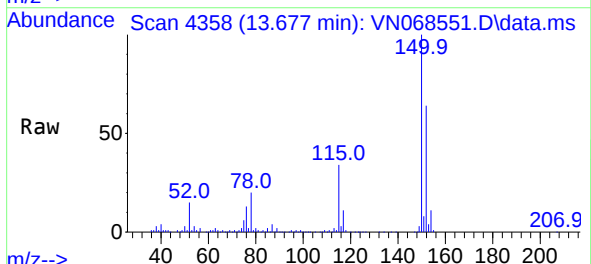
Ion	Ratio	Lower	Upper
164	100		
166	114.5	102.9	154.3
129	81.1	70.1	105.1
131	85.9	67.8	101.6

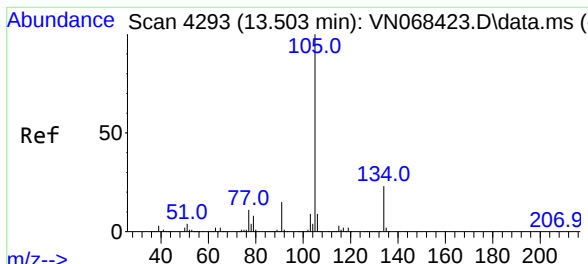


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068551.D
Acq: 18 Sep 2021 5:38

Tgt Ion:152 Resp: 418432

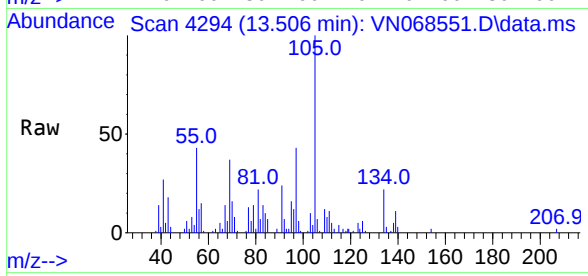
Ion	Ratio	Lower	Upper
152	100		
115	52.2	25.6	76.6
150	155.2	0.0	346.8





#85
 sec-Butylbenzene
 Concen: 1.144 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN068551.D
 Acq: 18 Sep 2021 5:38

Instrument :
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Tgt Ion:105 Resp: 33313

Ion	Ratio	Lower	Upper
105	100		
134	21.4	11.4	34.1

