

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068548.D
 Acq On : 18 Sep 2021 4:22
 Operator : JC/MD
 Sample : M3798-01
 Misc : 7.26g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-06-(15-18)

Quant Time: Sep 20 06:01:28 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)

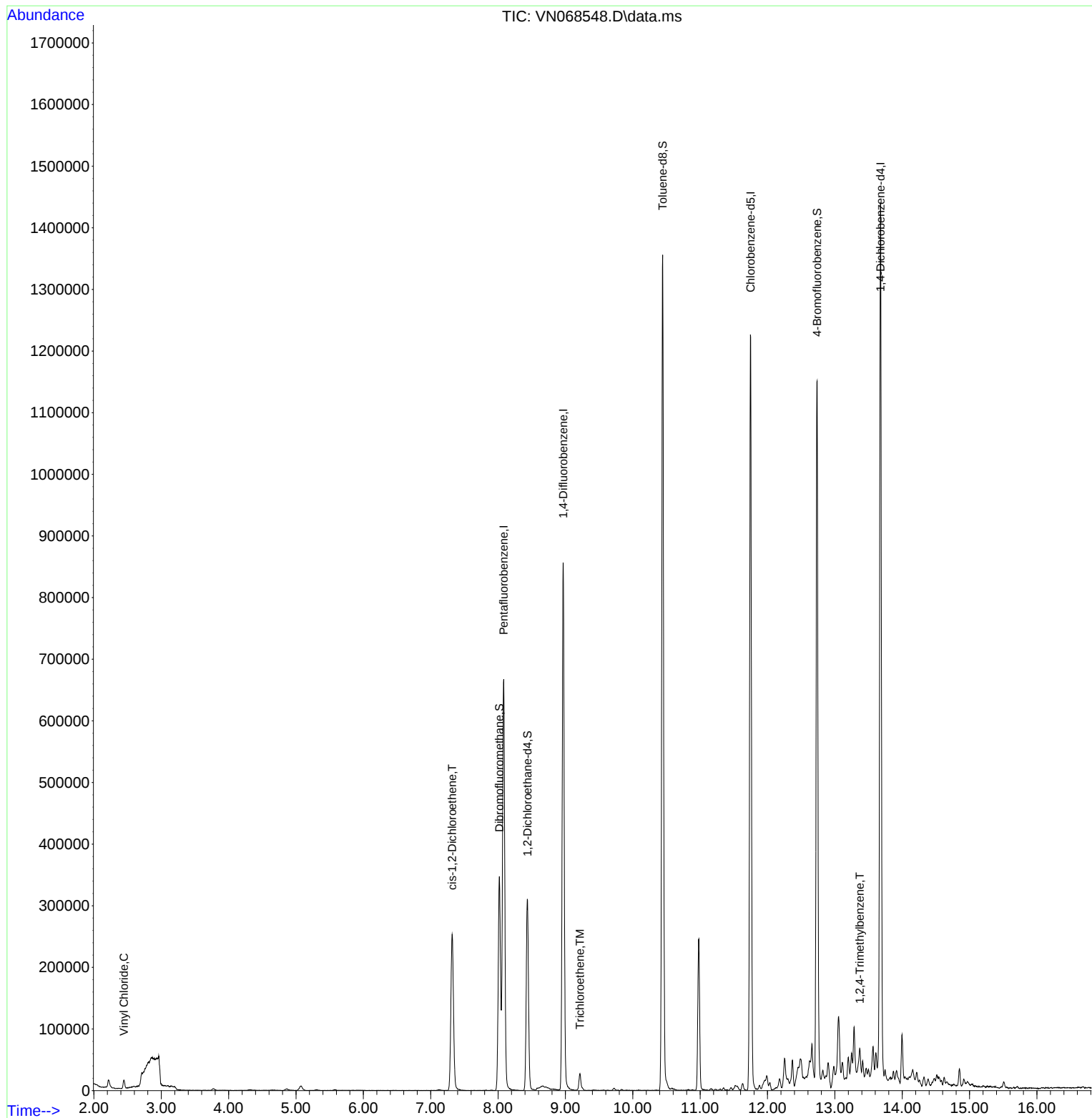
Internal Standards						
1) Pentafluorobenzene	8.083	168	610568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	858420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	817129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	441719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	261781	46.740	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.480%		
35) Dibromofluoromethane	8.019	113	247369	47.779	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.560%		
50) Toluene-d8	10.443	98	1018037	48.090	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.180%		
62) 4-Bromofluorobenzene	12.736	95	364836	51.947	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.900%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.445	62	13928	1.842	ug/l	95
27) cis-1,2-Dichloroethene	7.319	96	172478	26.814	ug/l	90
44) Trichloroethene	9.215	130	10571	1.576	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	29985	1.225	ug/l	99

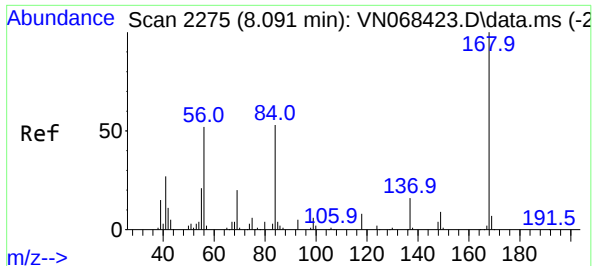
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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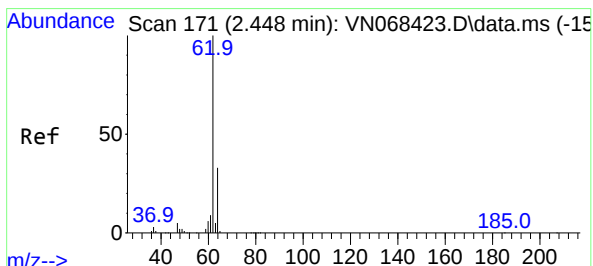
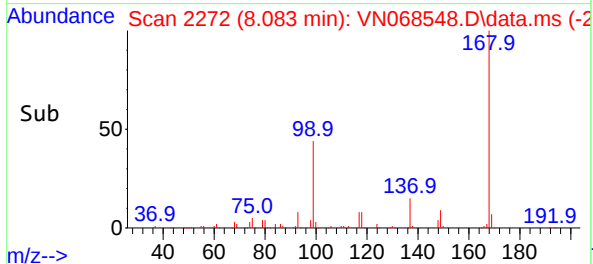
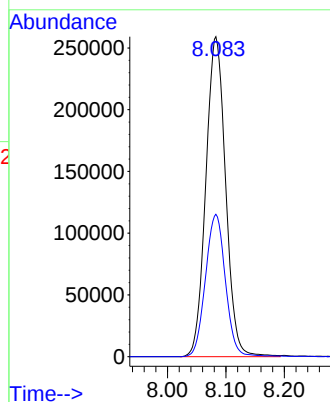
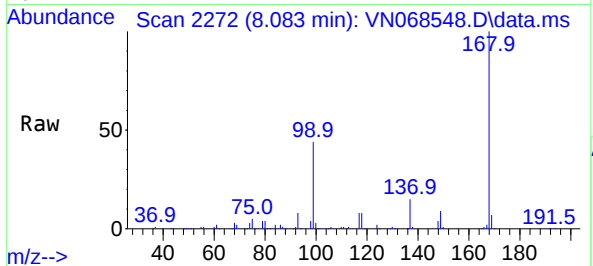




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.008 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

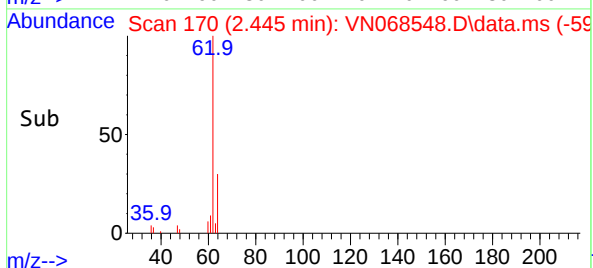
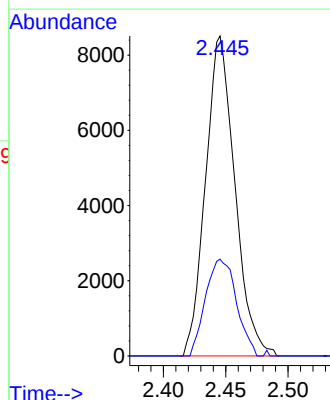
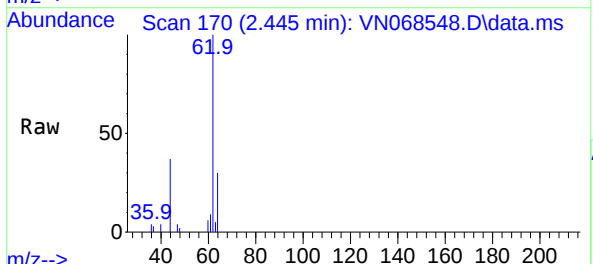
Instrument :
MSVOA_N
ClientSampleId :
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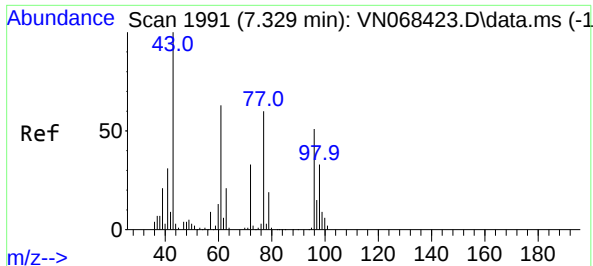
Tgt Ion:168 Resp: 610568
Ion Ratio Lower Upper
168 100
99 44.5 38.2 57.4



#4
Vinyl Chloride
Concen: 1.842 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.003 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

Tgt Ion: 62 Resp: 13928
Ion Ratio Lower Upper
62 100
64 30.3 26.3 39.5

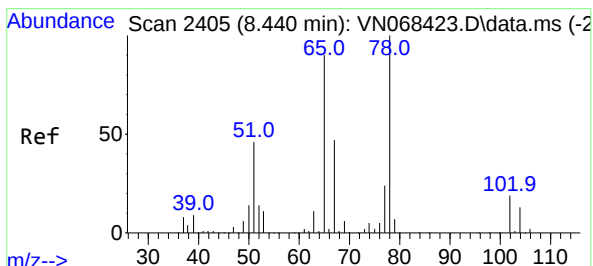
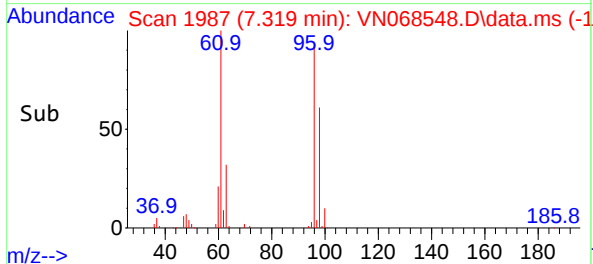
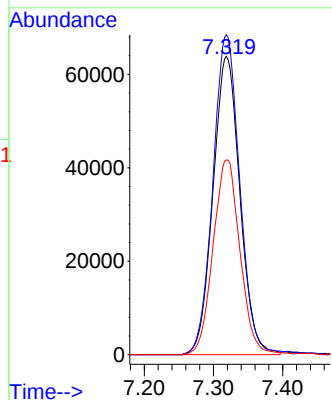
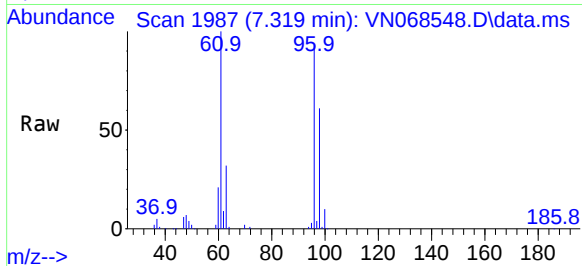




#27
cis-1,2-Dichloroethene
Concen: 26.814 ug/l
RT: 7.319 min Scan# 1987
Delta R.T. -0.010 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

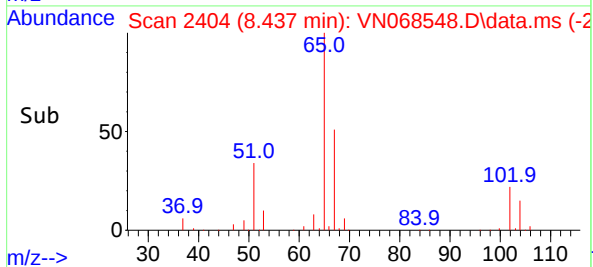
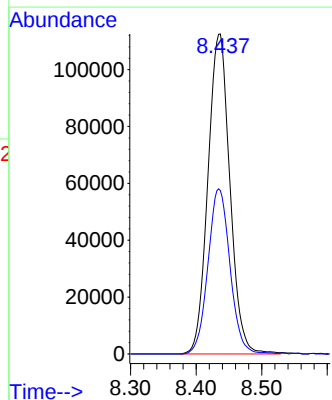
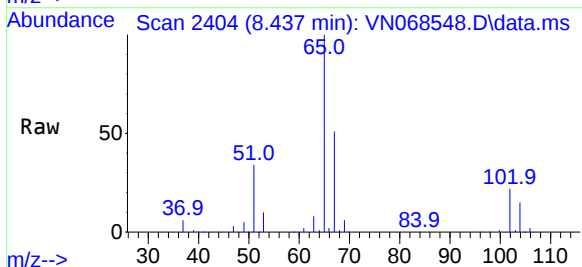
Instrument :
MSVOA_N
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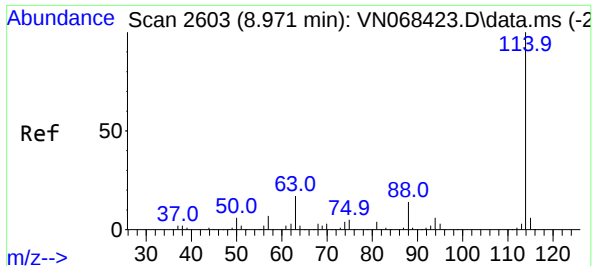
Tgt Ion:	96	Resp:	172478
Ion	Ratio	Lower	Upper
96	100		
61	106.9	0.0	246.4
98	65.4	0.0	130.4



#33
1,2-Dichloroethane-d4
Concen: 46.740 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

Tgt Ion:	65	Resp:	261781
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0

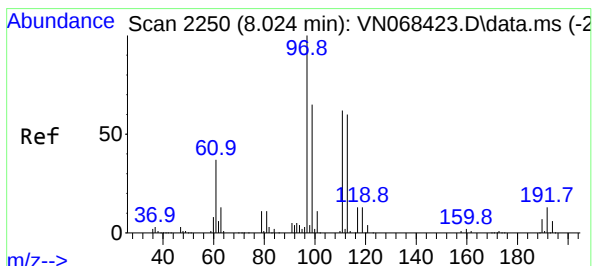
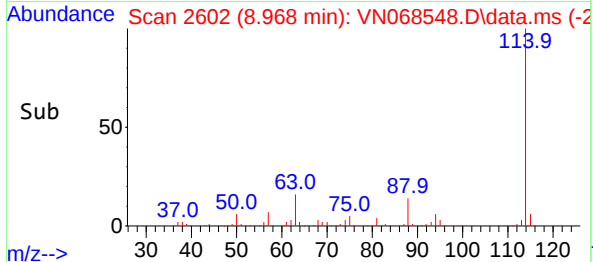
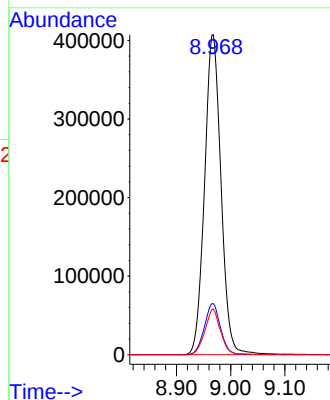
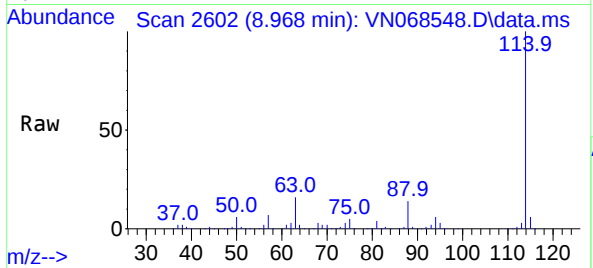




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

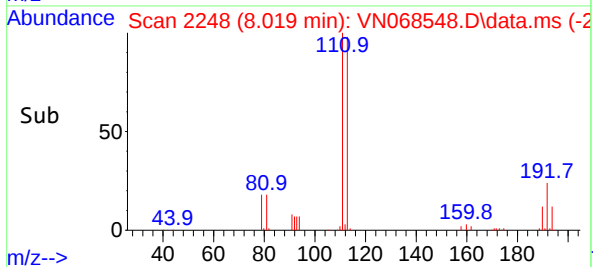
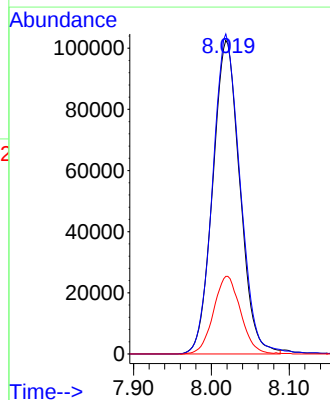
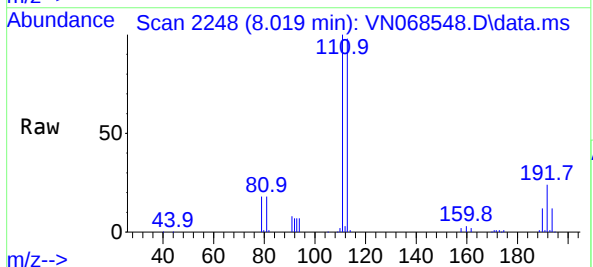
Instrument :
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NAPL-06-(15-18)

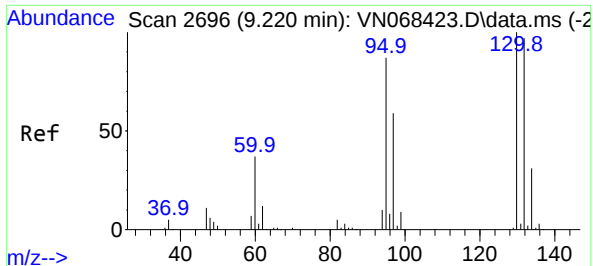
Tgt Ion:114 Resp: 858420
Ion Ratio Lower Upper
114 100
63 16.0 0.0 33.2
88 14.2 0.0 28.4



#35
Dibromofluoromethane
Concen: 47.779 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

Tgt Ion:113 Resp: 247369
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 24.7 17.7 26.5

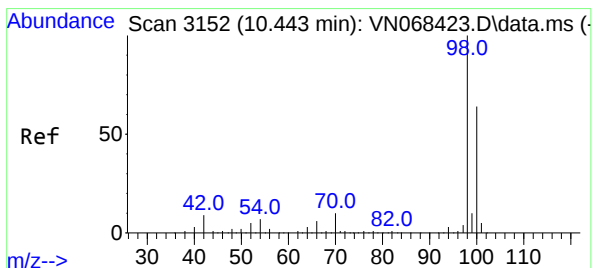
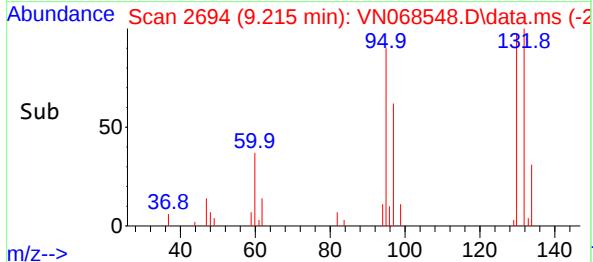
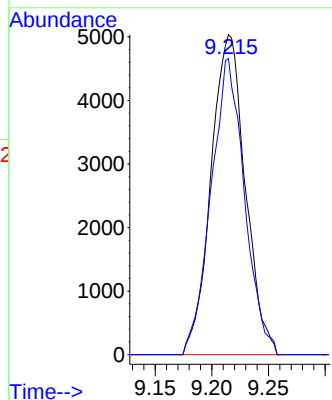
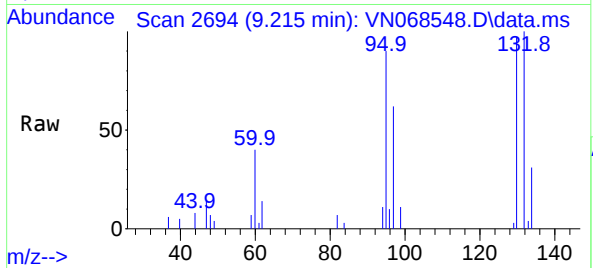




#44
Trichloroethene
Concen: 1.576 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.005 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

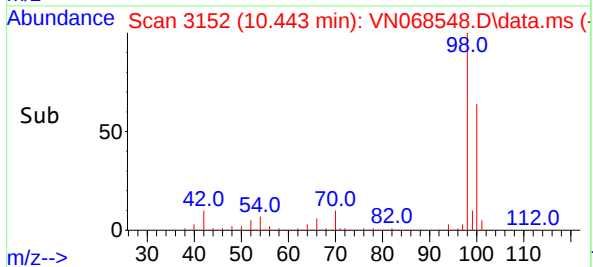
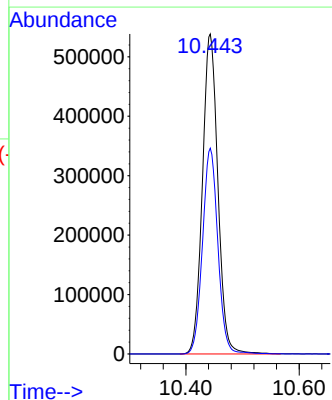
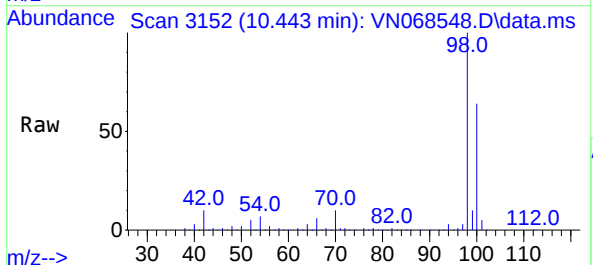
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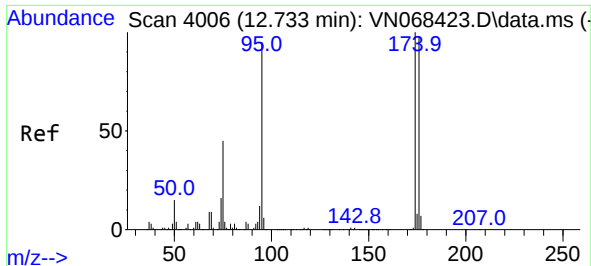
Tgt Ion:130 Resp: 10571
Ion Ratio Lower Upper
130 100
95 92.6 0.0 173.8



#50
Toluene-d8
Concen: 48.090 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

Tgt Ion: 98 Resp: 1018037
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6

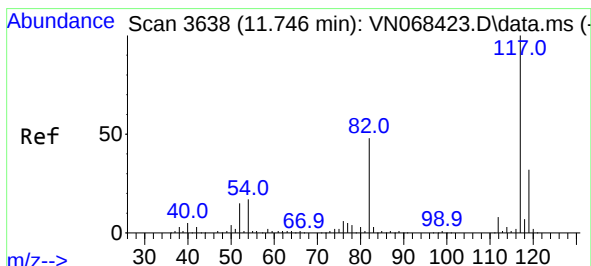
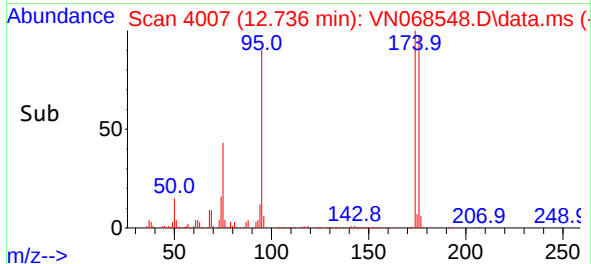
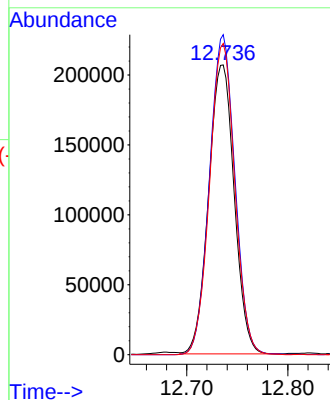
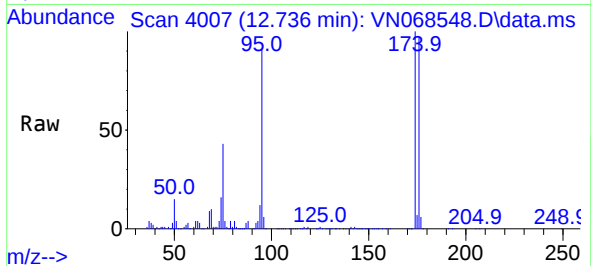




#62
4-Bromofluorobenzene
Concen: 51.947 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

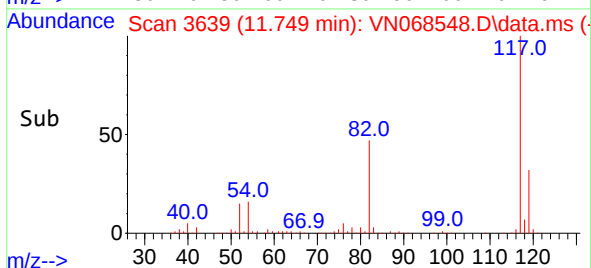
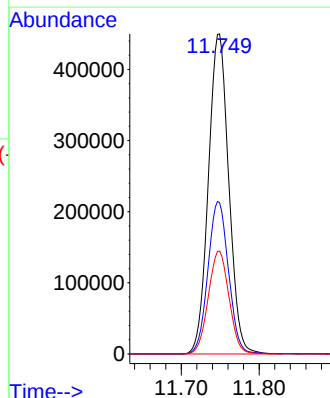
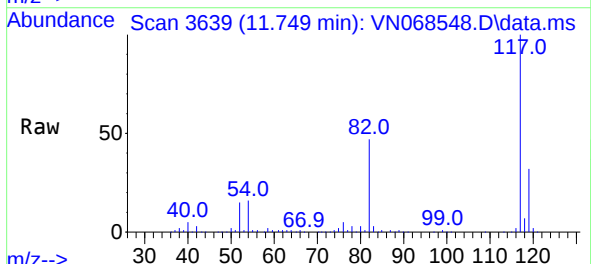
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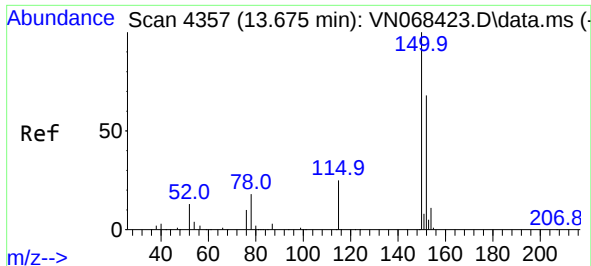
Tgt Ion: 95 Resp: 364836
Ion Ratio Lower Upper
95 100
174 109.5 0.0 214.0
176 105.9 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

Tgt Ion: 117 Resp: 817129
Ion Ratio Lower Upper
117 100
82 47.3 38.7 58.1
119 32.2 25.5 38.3

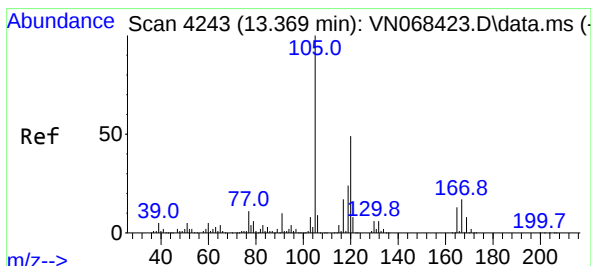
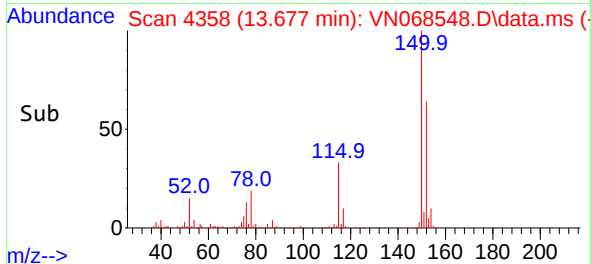
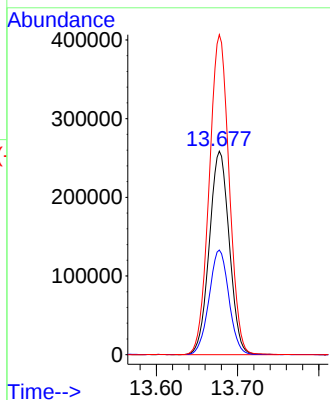
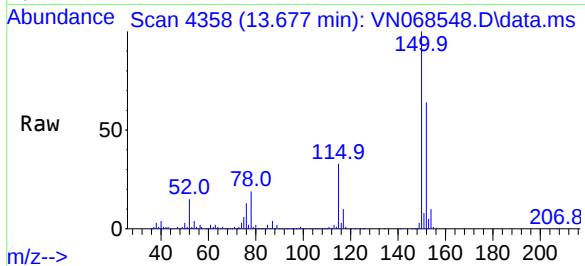




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

Instrument :
MSVOA_N
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NAPL-06-(15-18)

Tgt Ion:152 Resp: 441719
Ion Ratio Lower Upper
152 100
115 50.9 25.6 76.6
150 156.8 0.0 346.8



#84
1,2,4-Trimethylbenzene
Concen: 1.225 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068548.D
Acq: 18 Sep 2021 4:22

Tgt Ion:105 Resp: 29985
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.9

