

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068545.D
 Acq On : 18 Sep 2021 3:06
 Operator : JC/MD
 Sample : M3770-02
 Misc : 6.87g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-05-(20-22)

Quant Time: Sep 20 06:00:27 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)

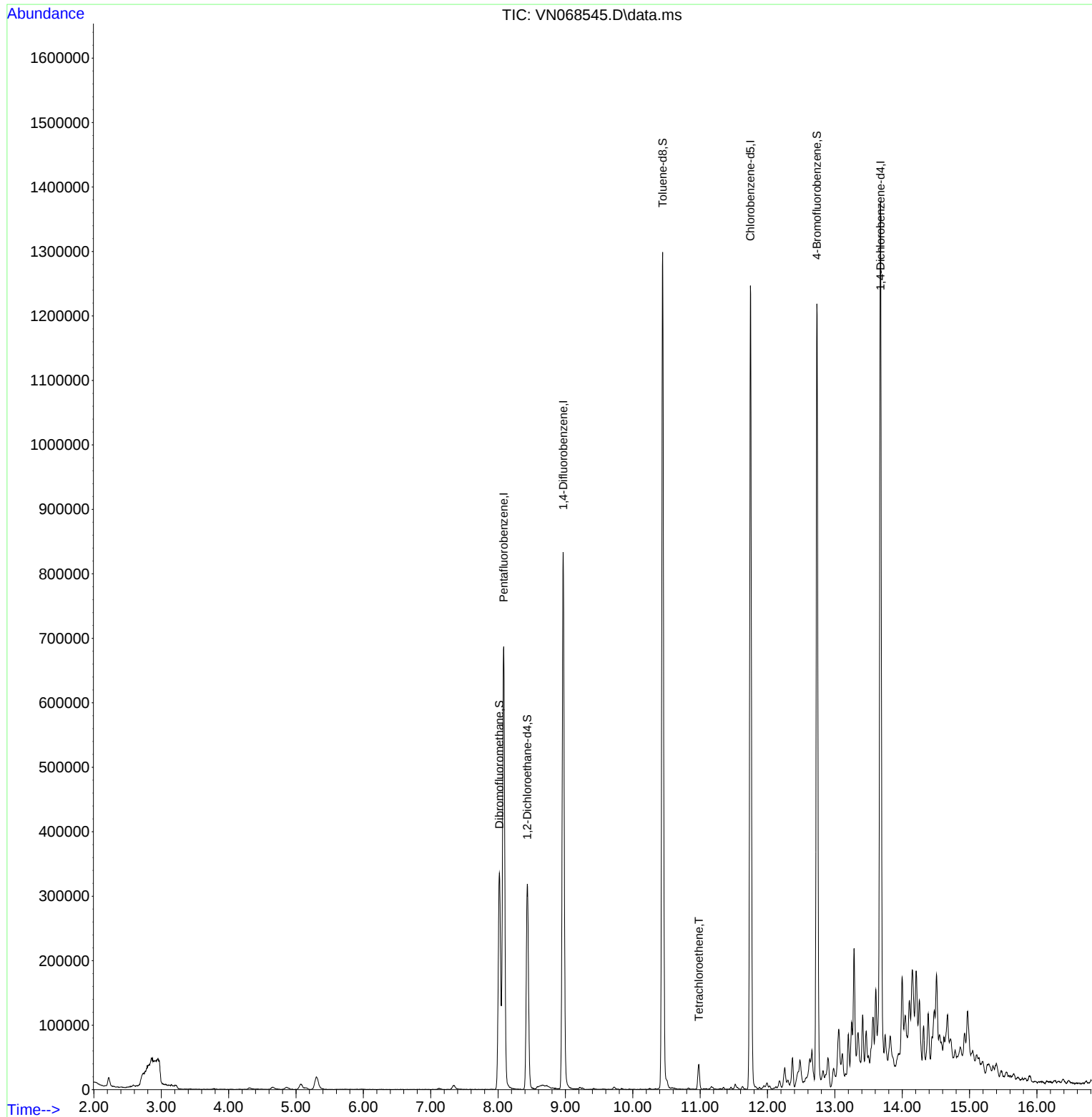
Internal Standards						
1) Pentafluorobenzene	8.083	168	610825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	827062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	806158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	406214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	270728	48.318	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.640%
35) Dibromofluoromethane	8.018	113	248477	49.812	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.620%
50) Toluene-d8	10.443	98	970602	47.625	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.733	95	348554	51.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.100%
Target Compounds						
64) Tetrachloroethene	10.982	164	9149	1.280	ug/l	Qvalue 96

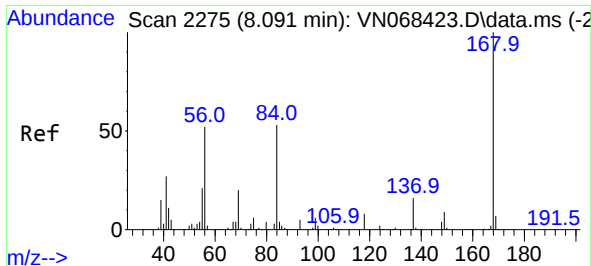
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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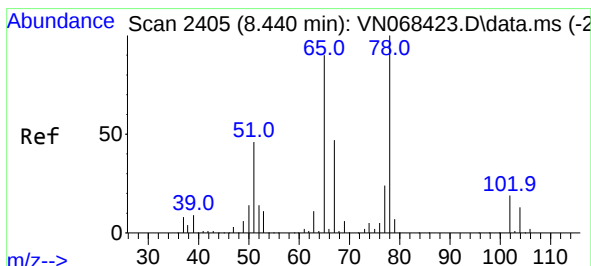
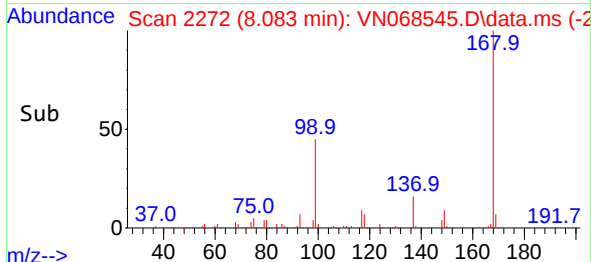
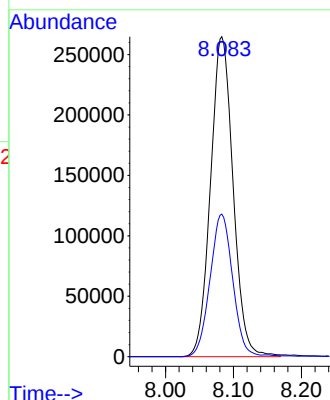
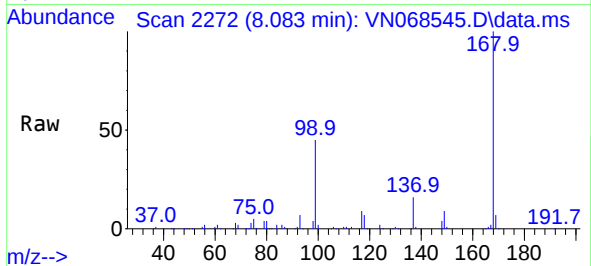




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.008 min
Lab File: VN068545.D
Acq: 18 Sep 2021 3:06

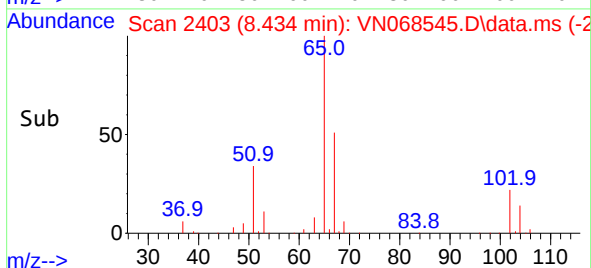
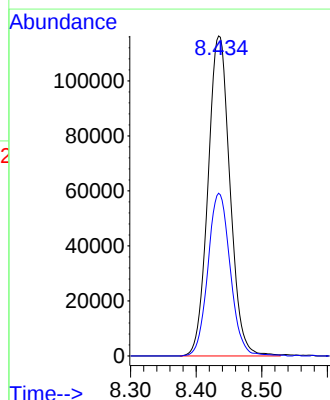
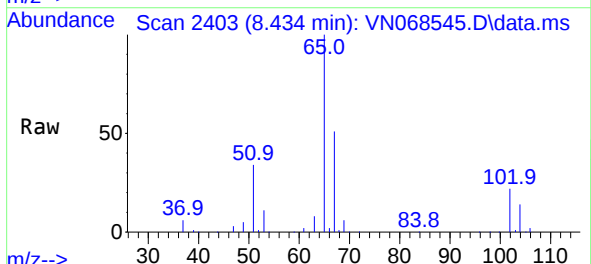
Instrument :
MSVOA_N
ClientSampleId :
NAPL-05-(20-22)

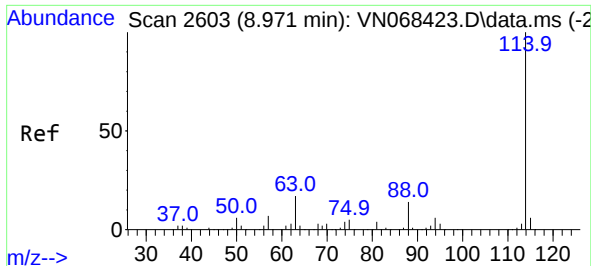
Tgt Ion:168 Resp: 610825
Ion Ratio Lower Upper
168 100
99 44.5 38.2 57.4



#33
1,2-Dichloroethane-d4
Concen: 48.318 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN068545.D
Acq: 18 Sep 2021 3:06

Tgt Ion: 65 Resp: 270728
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0



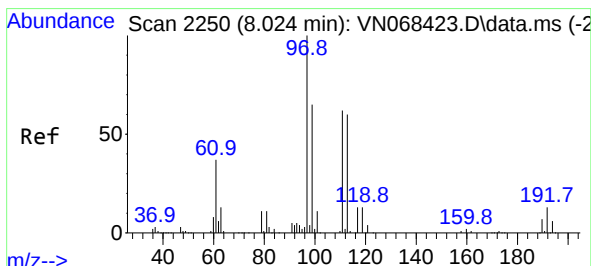
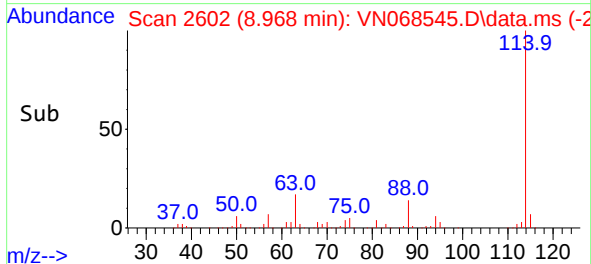
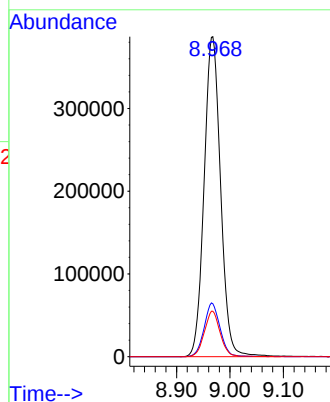
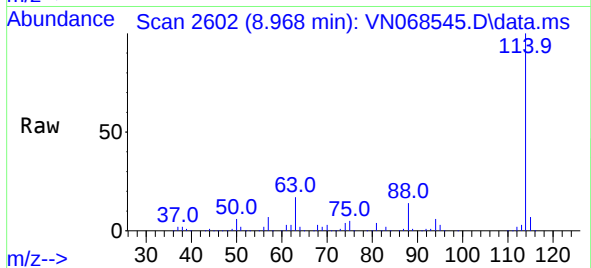


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068545.D
Acq: 18 Sep 2021 3:06

Instrument :
MSVOA_N
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NAPL-05-(20-22)

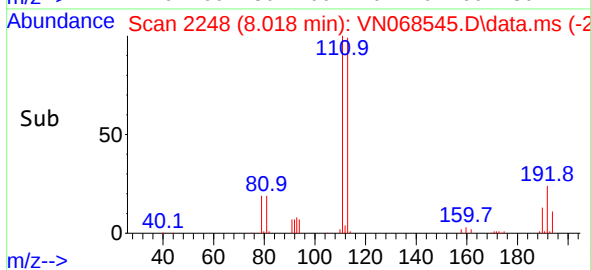
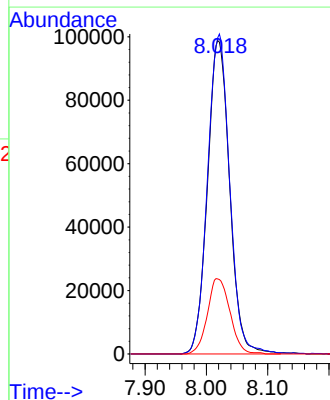
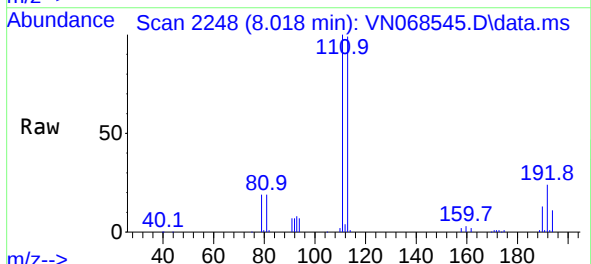
Tgt Ion:114 Resp: 827062
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.2
88 14.2 0.0 28.4

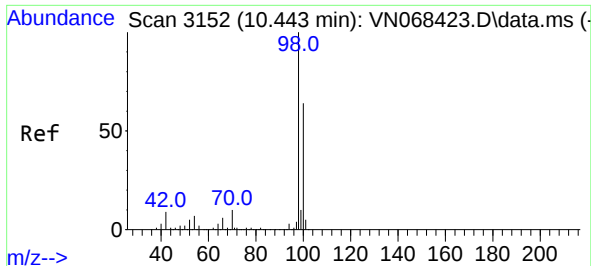


#35

Dibromofluoromethane
Concen: 49.812 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VN068545.D
Acq: 18 Sep 2021 3:06

Tgt Ion:113 Resp: 248477
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 24.4 17.7 26.5

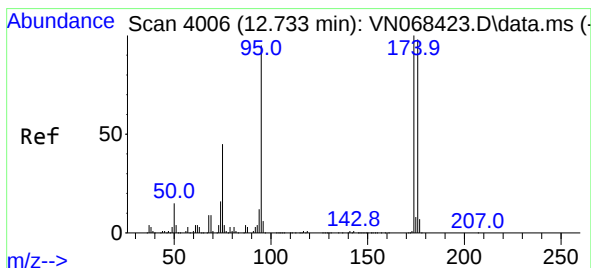
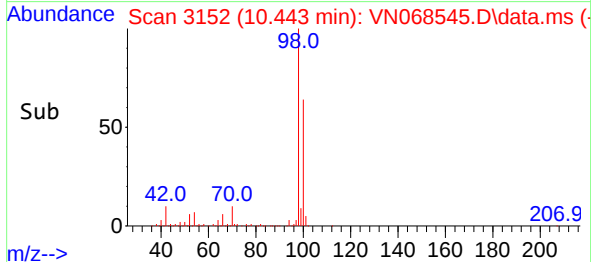
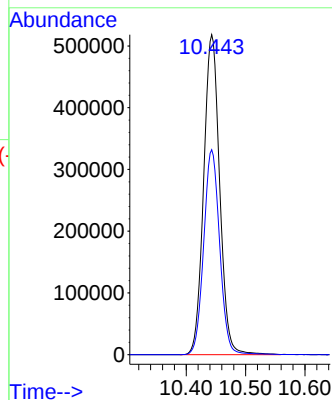
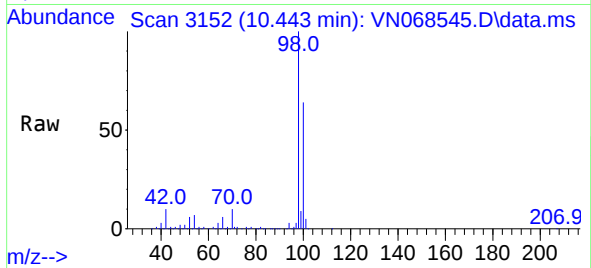




#50
Toluene-d8
Concen: 47.625 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068545.D
Acq: 18 Sep 2021 3:06

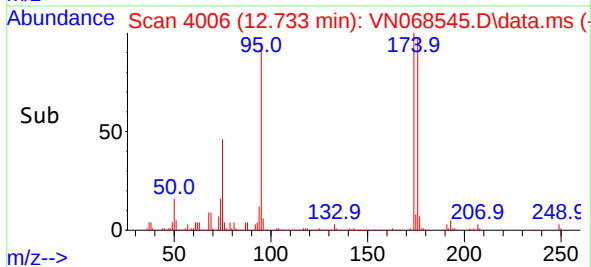
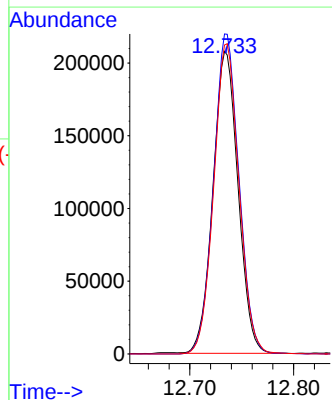
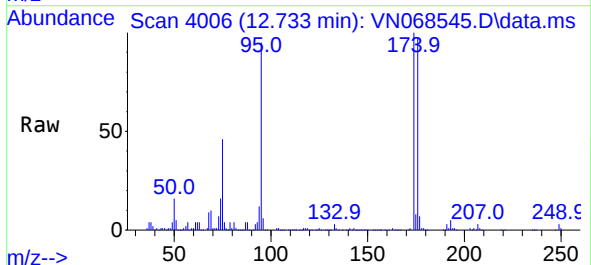
Instrument :
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ClientSampleId :
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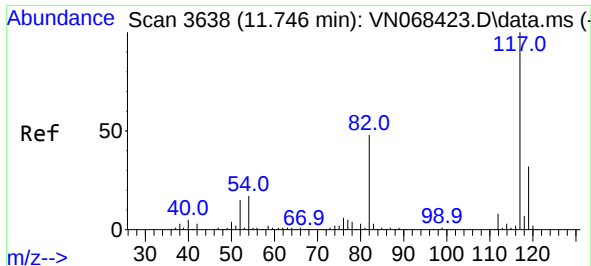
Tgt Ion: 98 Resp: 970602
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 51.545 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068545.D
Acq: 18 Sep 2021 3:06

Tgt Ion: 95 Resp: 348554
Ion Ratio Lower Upper
95 100
174 107.1 0.0 214.0
176 103.6 0.0 205.4

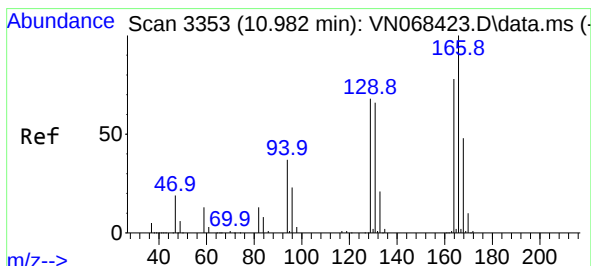
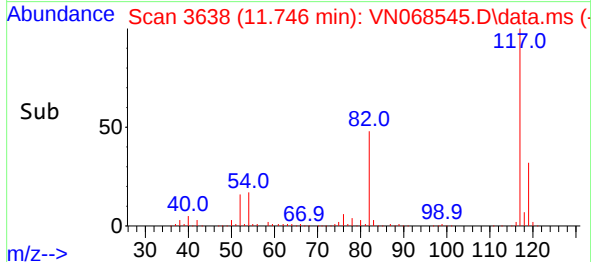
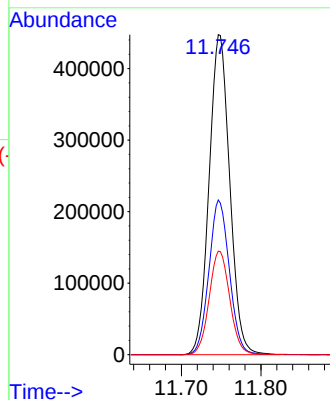
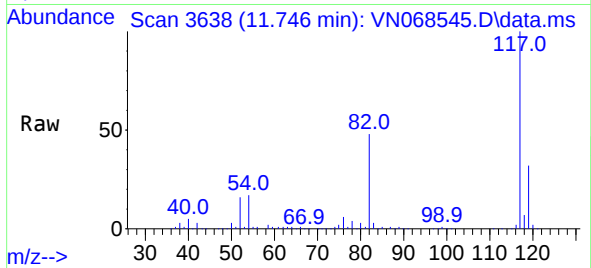




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068545.D
Acq: 18 Sep 2021 3:06

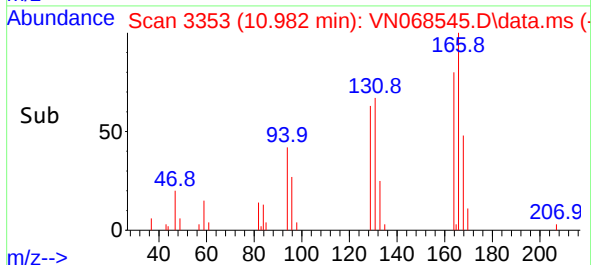
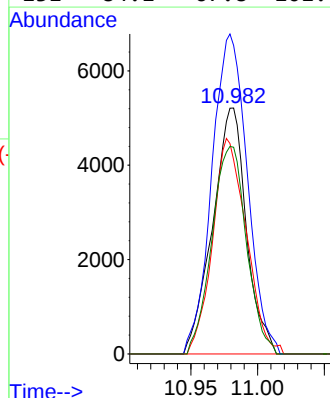
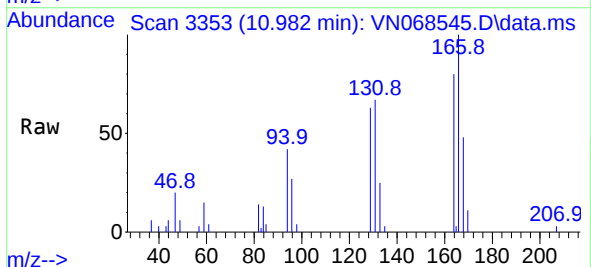
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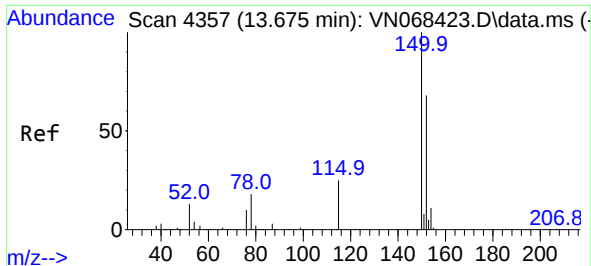
Tgt Ion:117 Resp: 806158
Ion Ratio Lower Upper
117 100
82 48.3 38.7 58.1
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 1.280 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VN068545.D
Acq: 18 Sep 2021 3:06

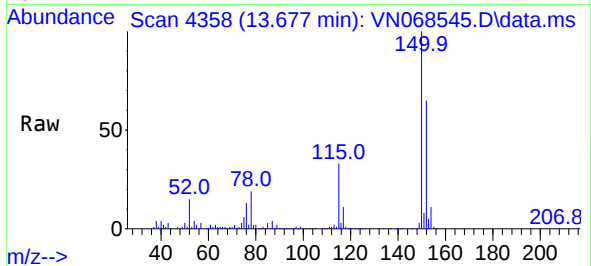
Tgt Ion:164 Resp: 9149
Ion Ratio Lower Upper
164 100
166 125.4 102.9 154.3
129 78.8 70.1 105.1
131 84.1 67.8 101.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068545.D
Acq: 18 Sep 2021 3:06

Instrument :
MSVOA_N
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NAPL-05-(20-22)



Tgt Ion:152 Resp: 406214
Ion Ratio Lower Upper
152 100
115 51.0 25.6 76.6
150 155.3 0.0 346.8

