

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072021.D
 Acq On : 15 Apr 2022 23:15
 Operator : JC\MD
 Sample : PB144101ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB144101ZHE#09

Quant Time: Apr 16 00:09:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

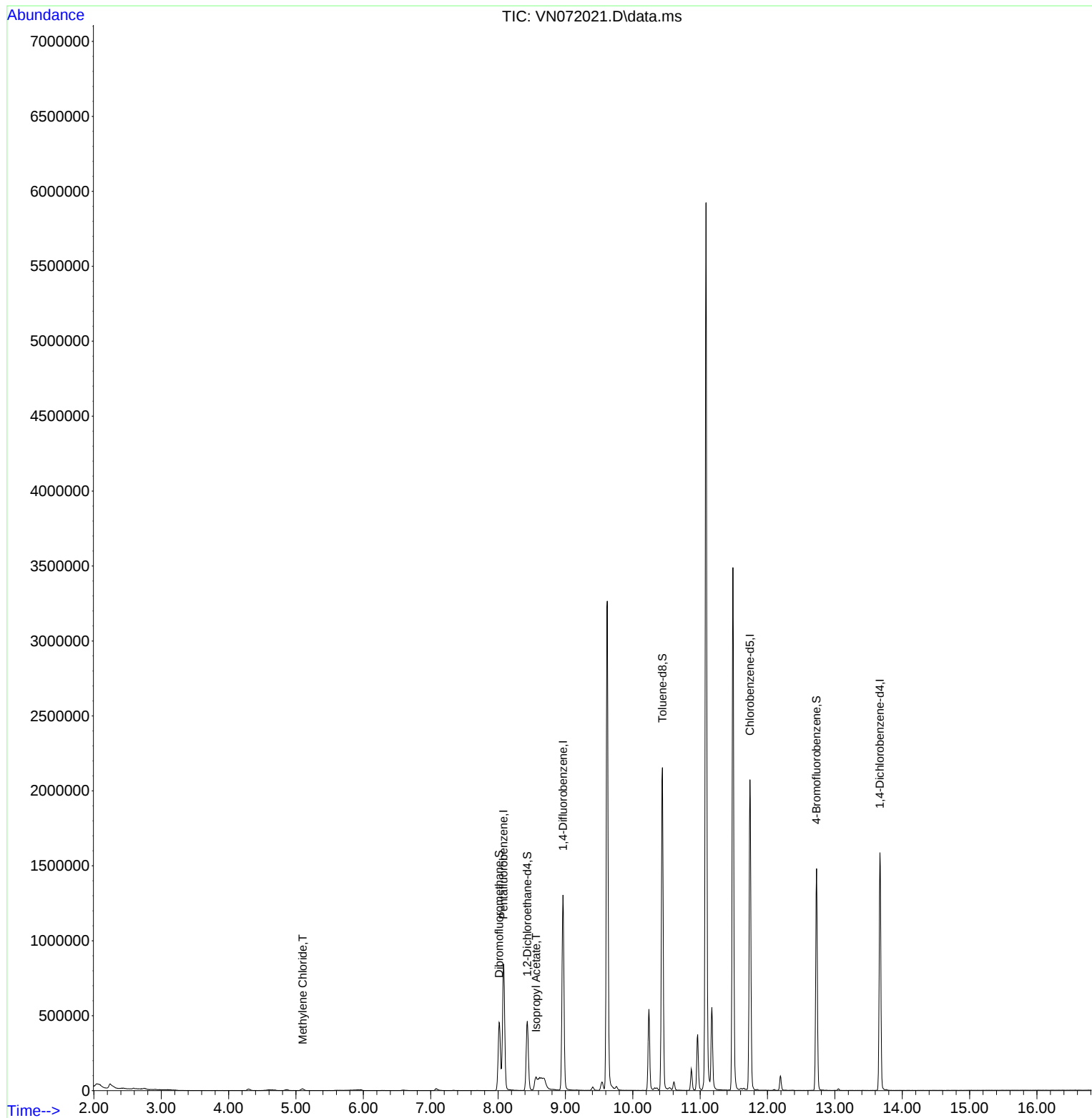
Internal Standards						
1) Pentafluorobenzene	8.081	168	710448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1215080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1304298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	480069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	384701	47.432	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.860%		
35) Dibromofluoromethane	8.016	113	343347	48.020	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.040%		
50) Toluene-d8	10.439	98	1576637	53.904	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.800%		
62) 4-Bromofluorobenzene	12.727	95	527671	55.781	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.560%		
Target Compounds						
20) Methylene Chloride	5.099	84	10692	1.463	ug/l	91
43) Isopropyl Acetate	8.563	43	110361	6.071	ug/l #	76

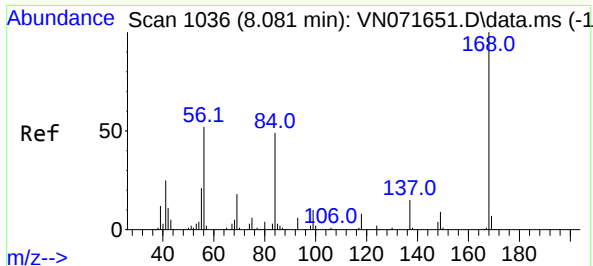
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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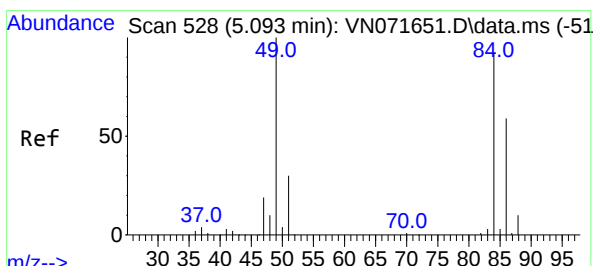
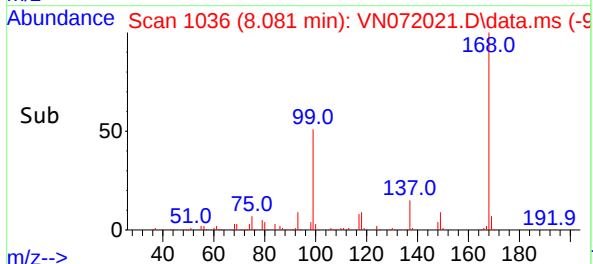
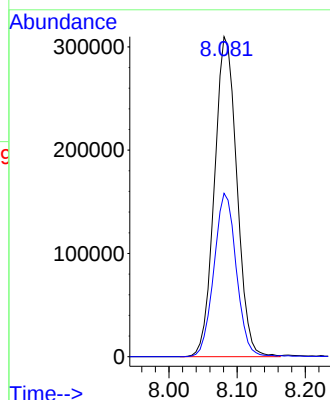
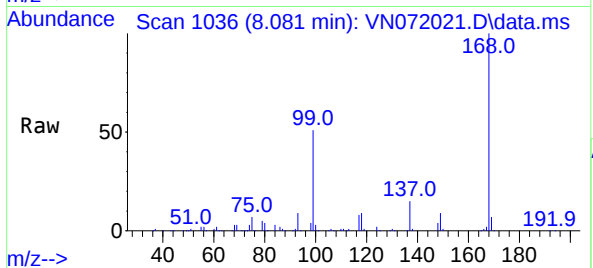




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072021.D
Acq: 15 Apr 2022 23:15

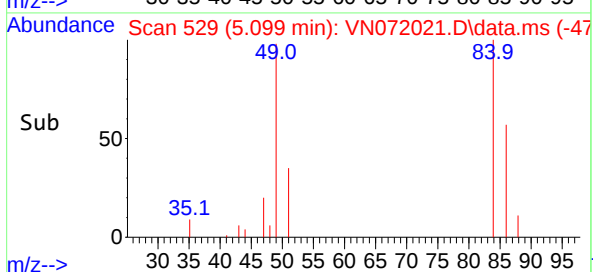
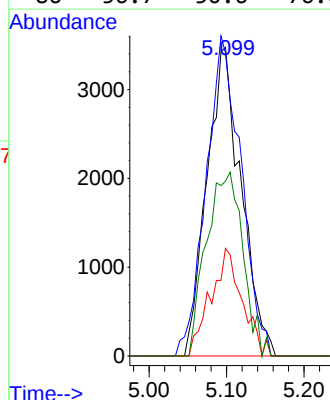
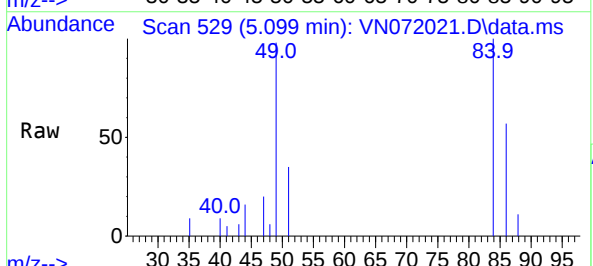
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#09

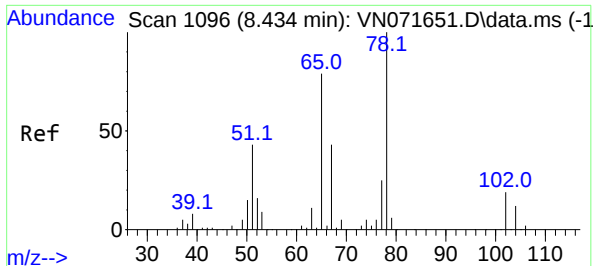
Tgt Ion:168 Resp: 710448
Ion Ratio Lower Upper
168 100
99 51.1 42.3 63.5



#20
Methylene Chloride
Concen: 1.463 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN072021.D
Acq: 15 Apr 2022 23:15

Tgt Ion: 84 Resp: 10692
Ion Ratio Lower Upper
84 100
49 98.2 88.3 132.5
51 34.8 28.2 42.2
86 56.7 50.6 76.0

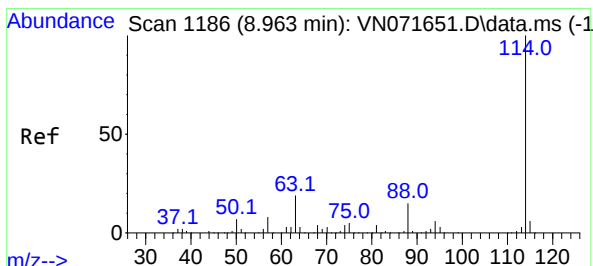
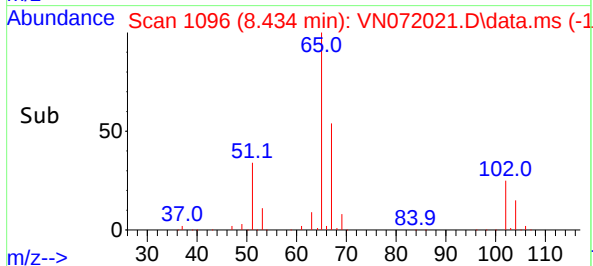
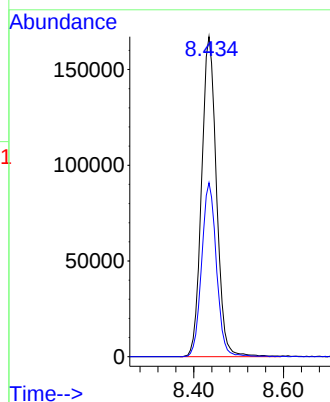
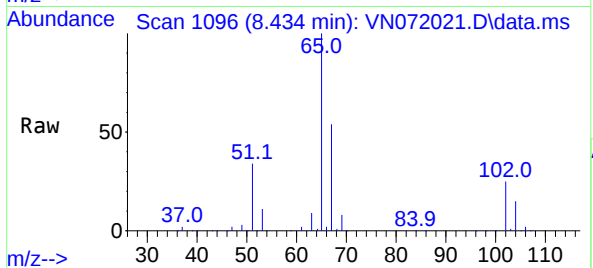




#33
1,2-Dichloroethane-d4
Concen: 47.432 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072021.D
Acq: 15 Apr 2022 23:15

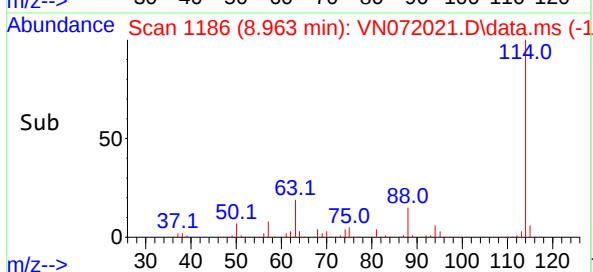
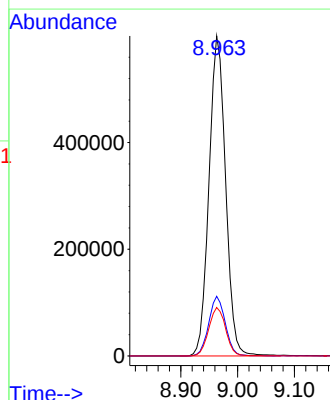
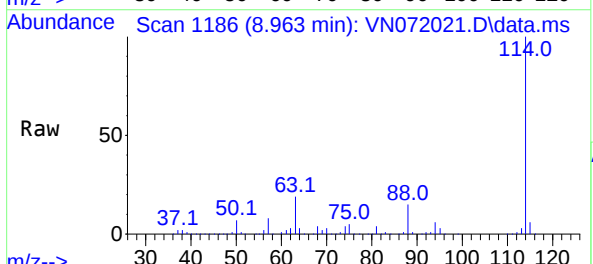
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#09

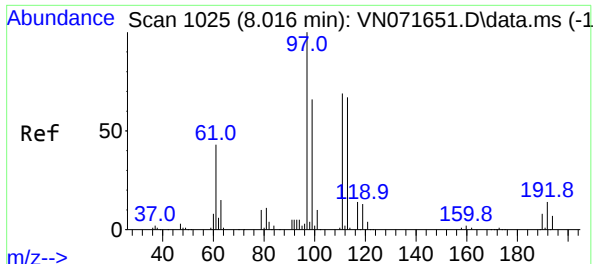
Tgt Ion: 65 Resp: 384701
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072021.D
Acq: 15 Apr 2022 23:15

Tgt Ion: 114 Resp: 1215080
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.020 ug/l

RT: 8.016 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN072021.D

Acq: 15 Apr 2022 23:15

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#09

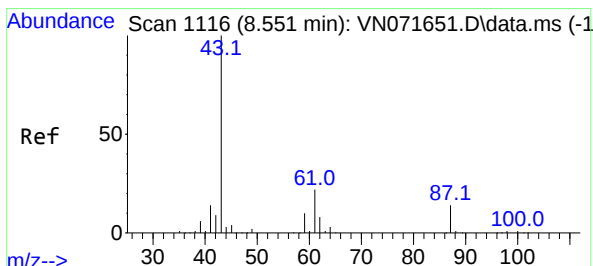
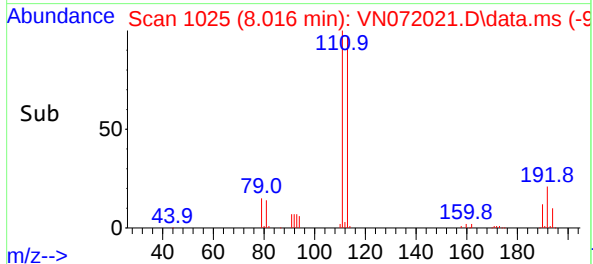
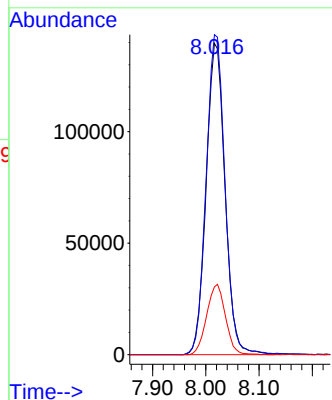
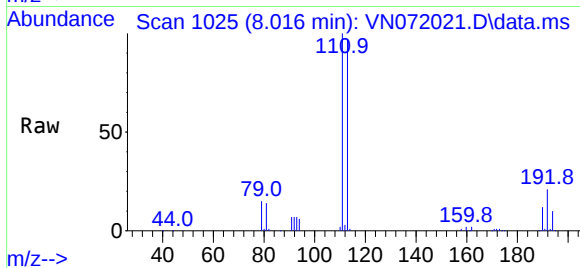
Tgt Ion:113 Resp: 343347

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 22.5 17.0 25.6



#43

Isopropyl Acetate

Concen: 6.071 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.012 min

Lab File: VN072021.D

Acq: 15 Apr 2022 23:15

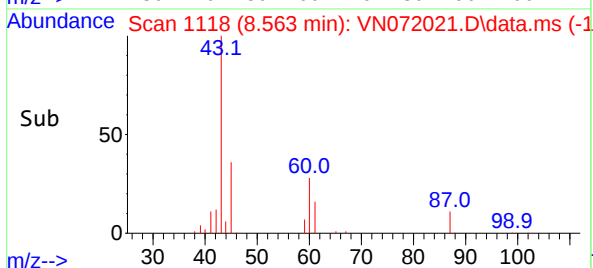
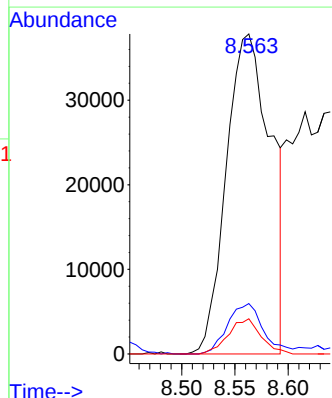
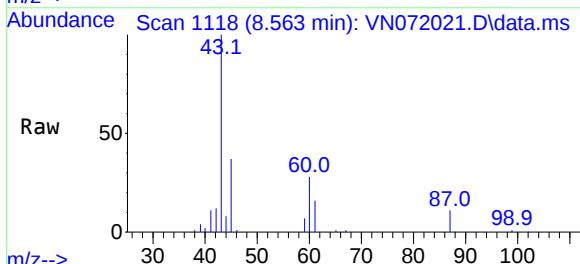
Tgt Ion: 43 Resp: 110361

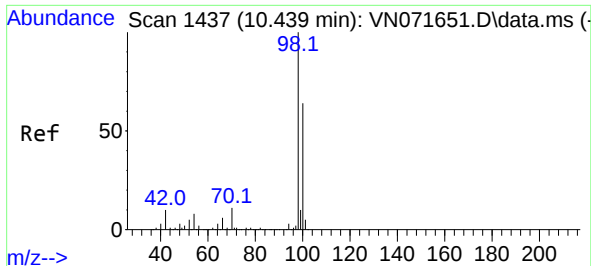
Ion Ratio Lower Upper

43 100

61 12.6 21.9 32.9#

87 8.0 12.0 18.0#

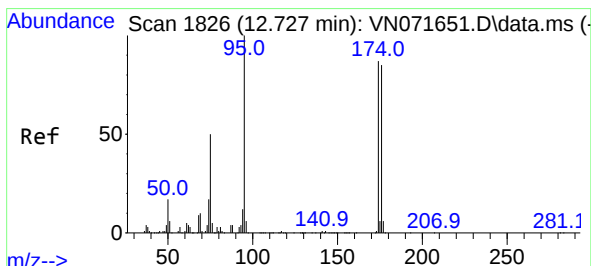
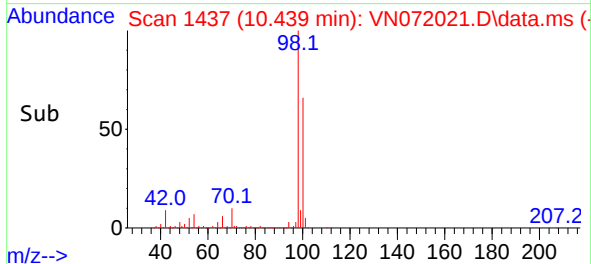
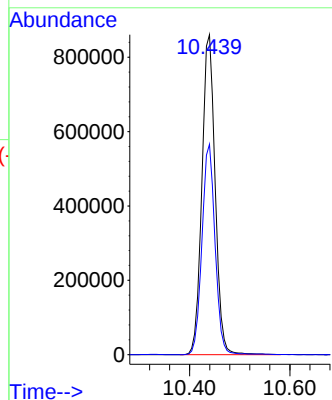
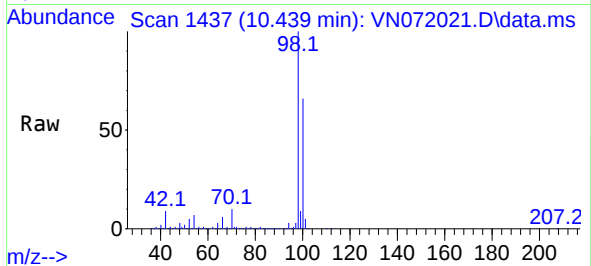




#50
Toluene-d8
Concen: 53.904 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072021.D
Acq: 15 Apr 2022 23:15

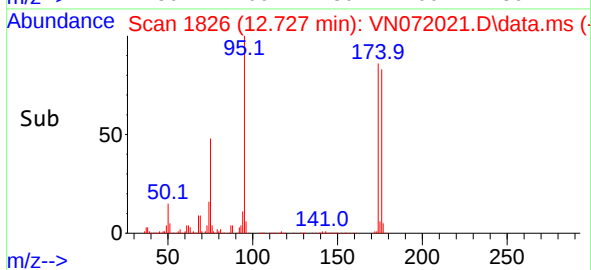
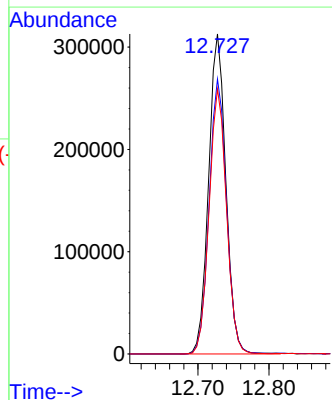
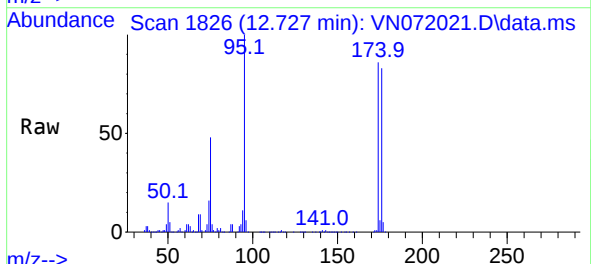
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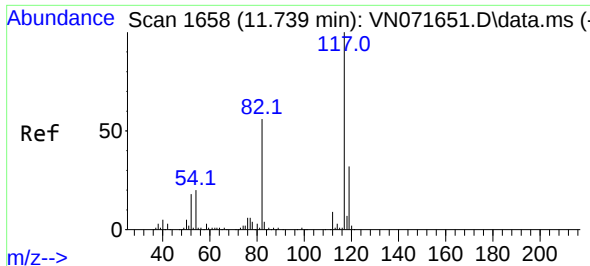
Tgt Ion: 98 Resp: 1576637
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.781 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072021.D
Acq: 15 Apr 2022 23:15

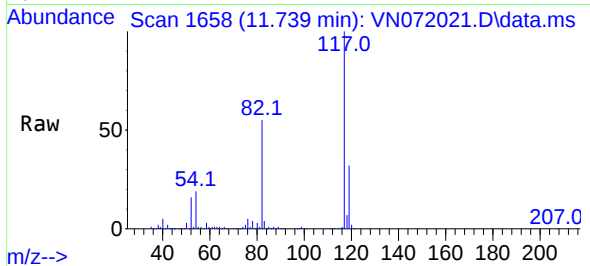
Tgt Ion: 95 Resp: 527671
Ion Ratio Lower Upper
95 100
174 86.5 0.0 167.6
176 83.5 0.0 163.4





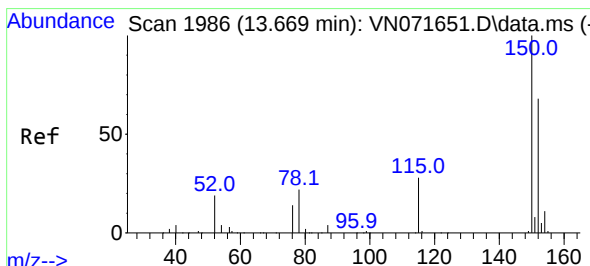
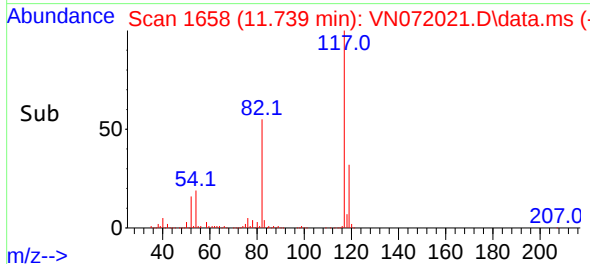
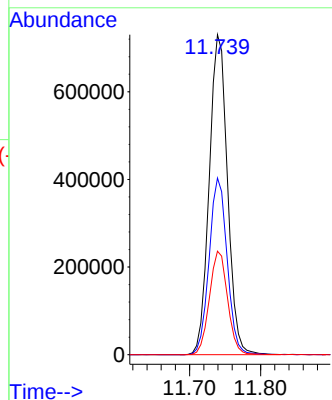
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072021.D
Acq: 15 Apr 2022 23:15

Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#09



Tgt Ion:117 Resp: 1304298

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.2
119	32.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072021.D
Acq: 15 Apr 2022 23:15

Tgt Ion:152 Resp: 480069

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.9	86.7
150	156.7	0.0	356.2

