

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072017.D
 Acq On : 15 Apr 2022 21:39
 Operator : JC\MD
 Sample : PB144101ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB144101ZHE#05

Quant Time: Apr 16 00:08:55 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)

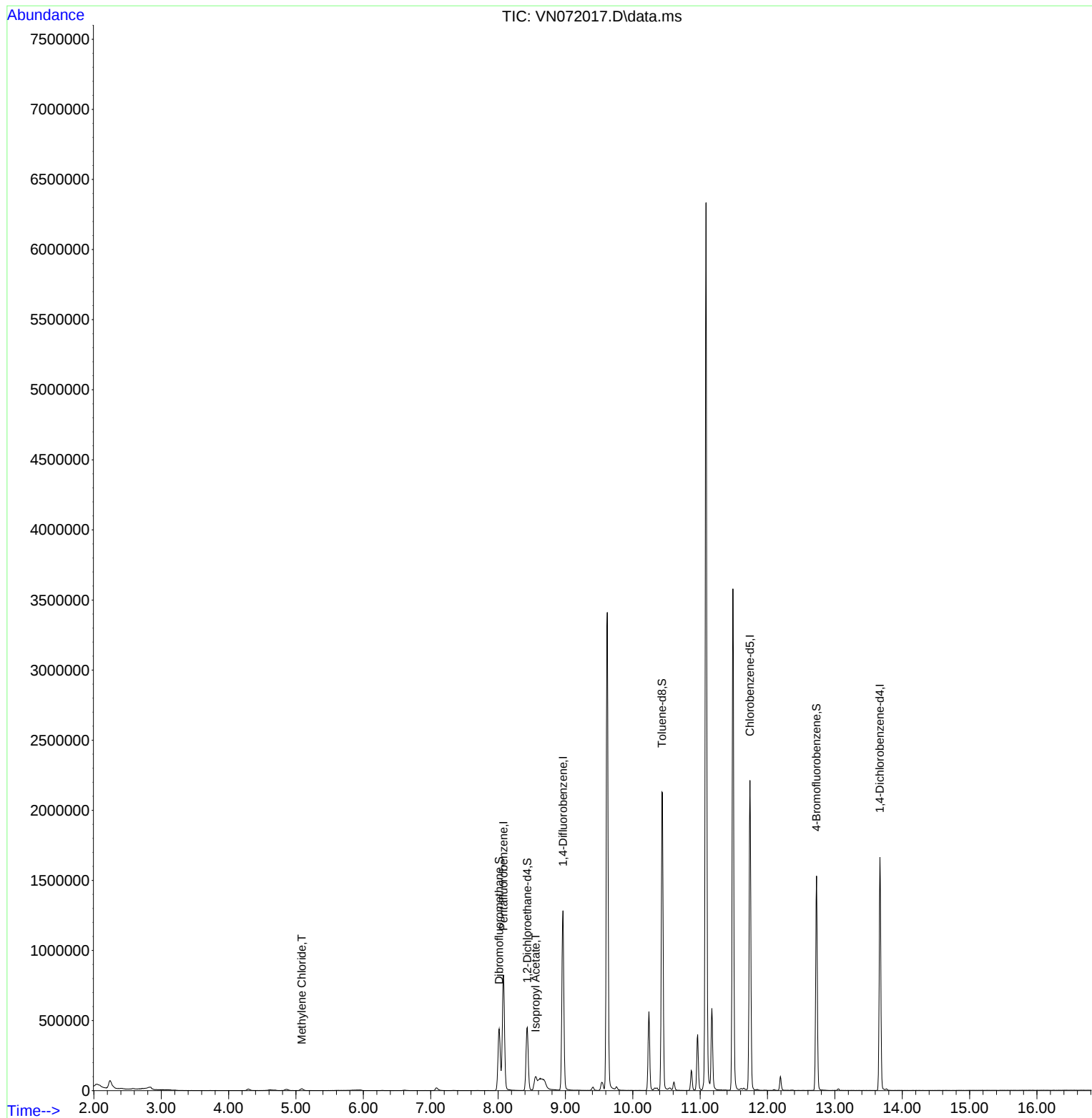
Internal Standards						
1) Pentafluorobenzene	8.081	168	704500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1187510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1361101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	485836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	372555	46.322	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.640%		
35) Dibromofluoromethane	8.016	113	334720	47.901	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.800%		
50) Toluene-d8	10.433	98	1575357	55.110	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.220%		
62) 4-Bromofluorobenzene	12.727	95	535128	57.883	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	115.760%		
Target Compounds						
20) Methylene Chloride	5.087	84	11451	1.581	ug/l	93
43) Isopropyl Acetate	8.557	43	127417	7.172	ug/l #	73

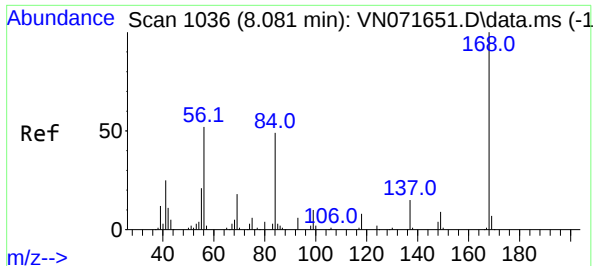
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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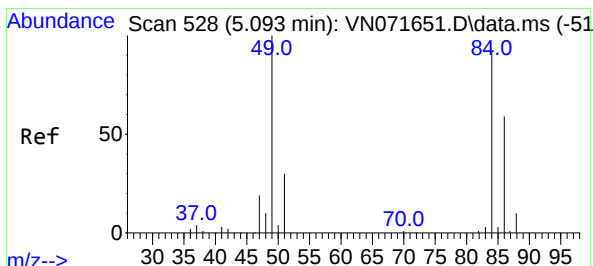
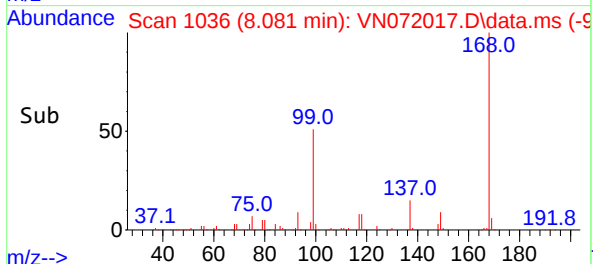
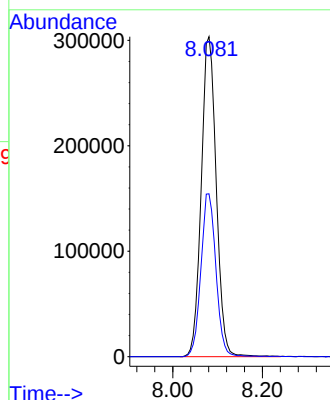
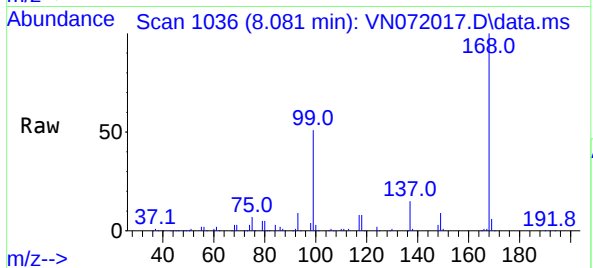




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072017.D
Acq: 15 Apr 2022 21:39

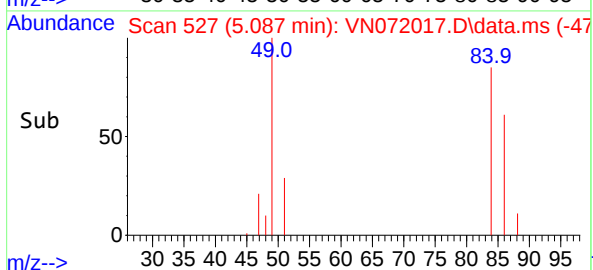
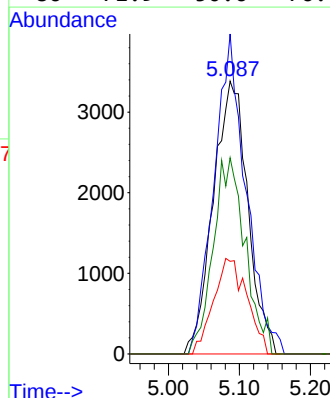
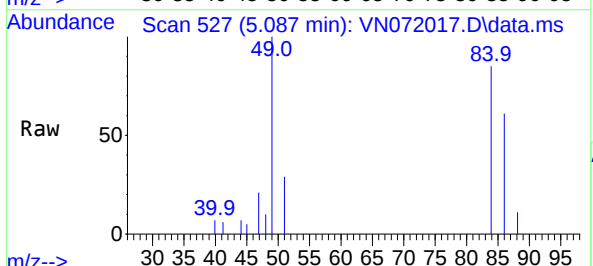
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#05

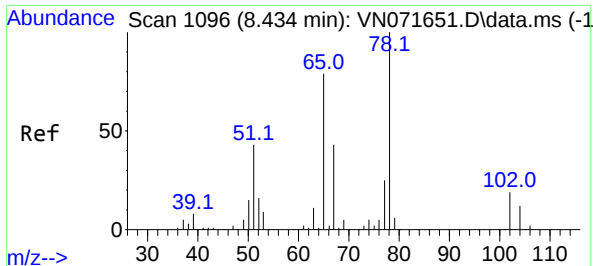
Tgt Ion:168 Resp: 704500
Ion Ratio Lower Upper
168 100
99 50.9 42.3 63.5



#20
Methylene Chloride
Concen: 1.581 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072017.D
Acq: 15 Apr 2022 21:39

Tgt Ion: 84 Resp: 11451
Ion Ratio Lower Upper
84 100
49 117.3 88.3 132.5
51 34.0 28.2 42.2
86 71.9 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 46.322 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072017.D

Acq: 15 Apr 2022 21:39

Instrument :

MSVOA_N

ClientSampleId :

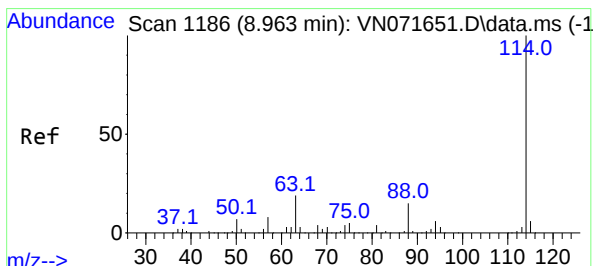
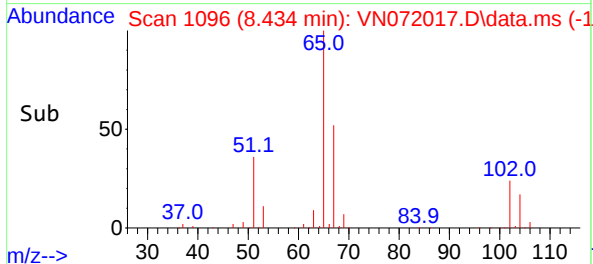
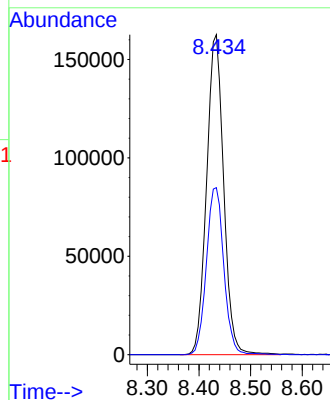
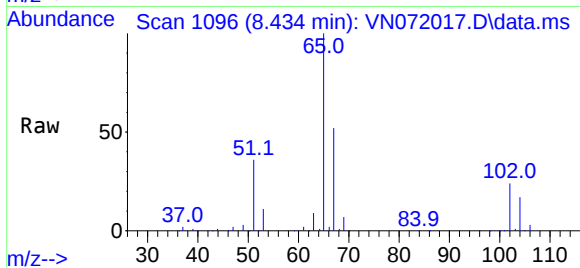
PB144101ZHE#05

Tgt Ion: 65 Resp: 372555

Ion Ratio Lower Upper

65 100

67 53.4 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: VN072017.D

Acq: 15 Apr 2022 21:39

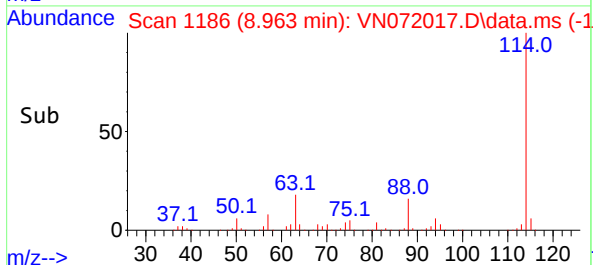
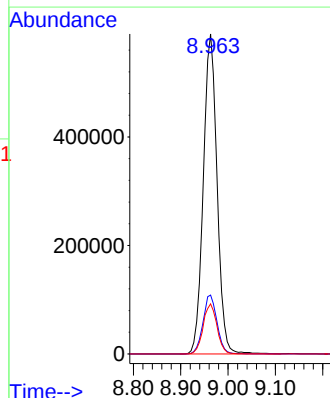
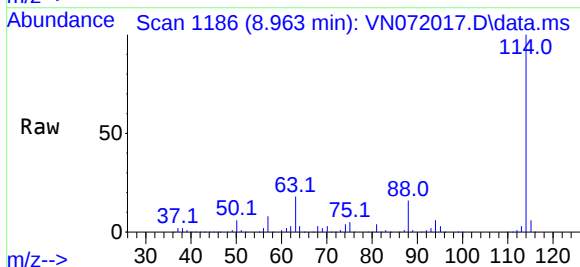
Tgt Ion: 114 Resp: 1187510

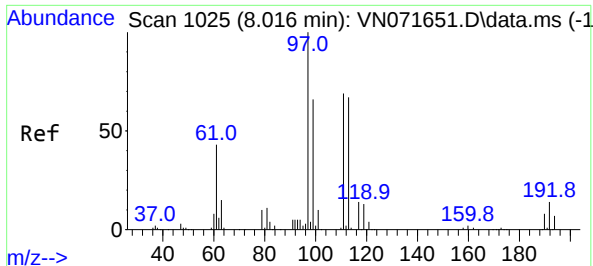
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 15.6 0.0 32.6

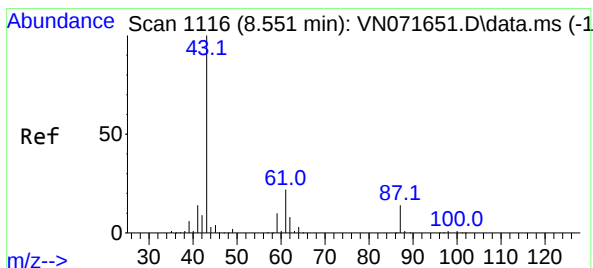
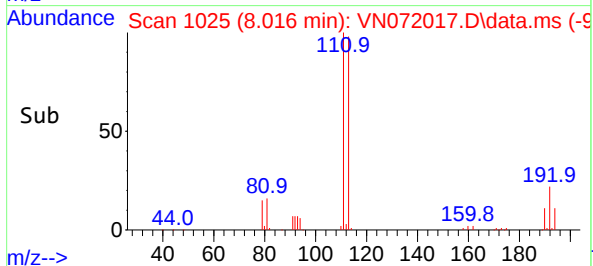
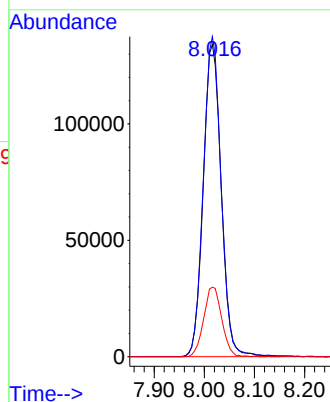
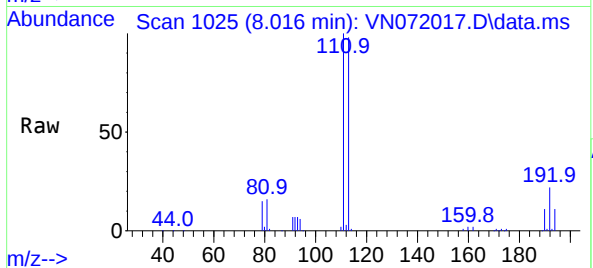




#35
Dibromofluoromethane
Concen: 47.901 ug/l
RT: 8.016 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN072017.D
Acq: 15 Apr 2022 21:39

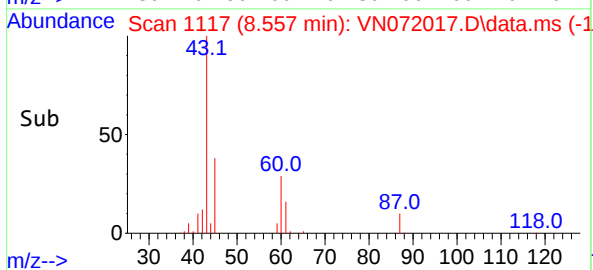
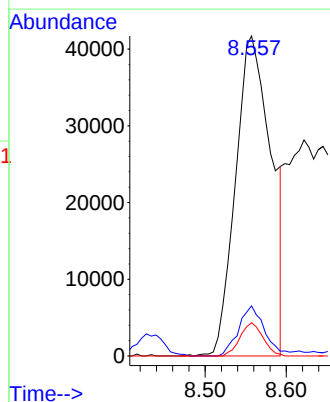
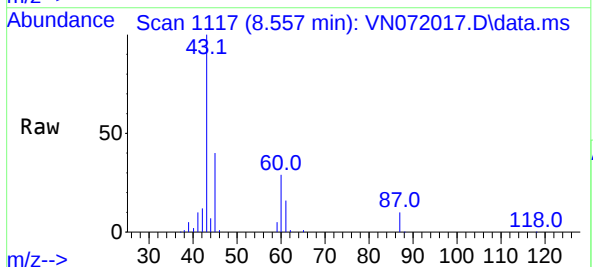
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#05

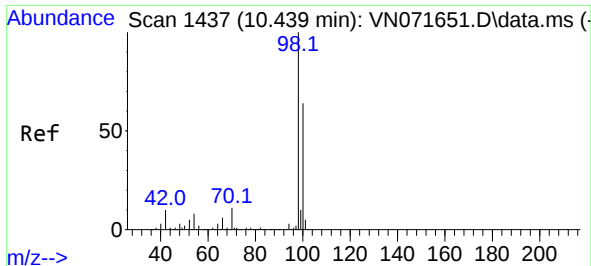
Tgt Ion:113 Resp: 334720
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 22.3 17.0 25.6



#43
Isopropyl Acetate
Concen: 7.172 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072017.D
Acq: 15 Apr 2022 21:39

Tgt Ion: 43 Resp: 127417
Ion Ratio Lower Upper
43 100
61 11.4 21.9 32.9#
87 6.7 12.0 18.0#

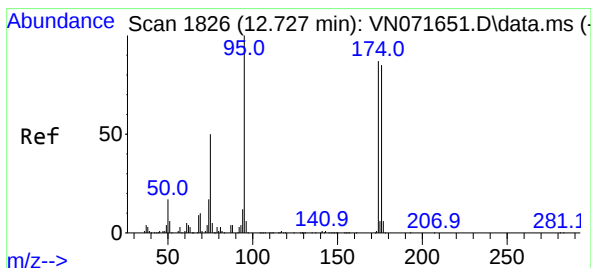
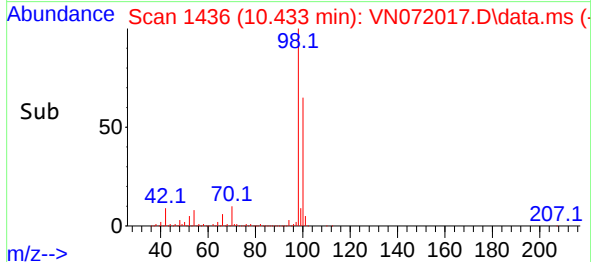
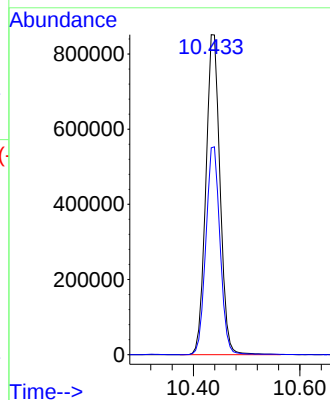
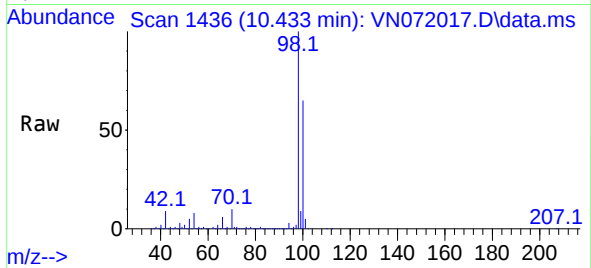




#50
Toluene-d8
Concen: 55.110 ug/l
RT: 10.433 min Scan# 1437
Delta R.T. -0.006 min
Lab File: VN072017.D
Acq: 15 Apr 2022 21:39

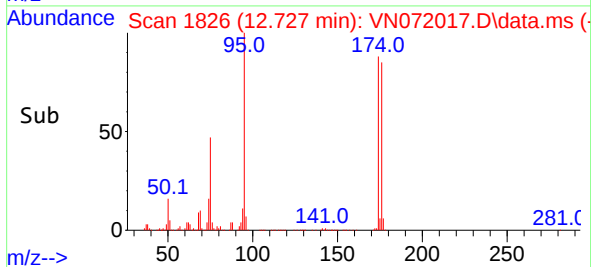
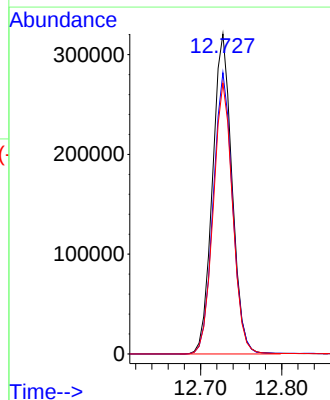
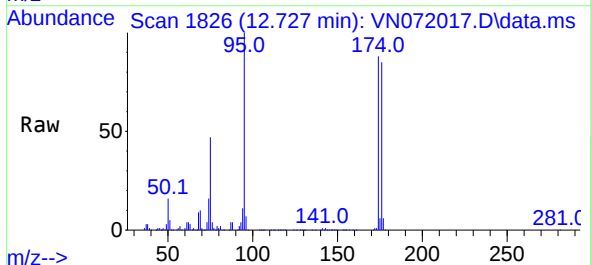
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#05

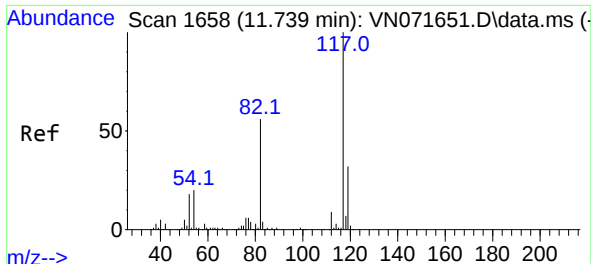
Tgt Ion: 98 Resp: 1575357
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.883 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072017.D
Acq: 15 Apr 2022 21:39

Tgt Ion: 95 Resp: 535128
Ion Ratio Lower Upper
95 100
174 87.2 0.0 167.6
176 84.0 0.0 163.4

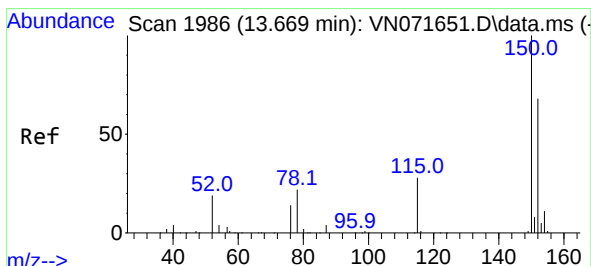
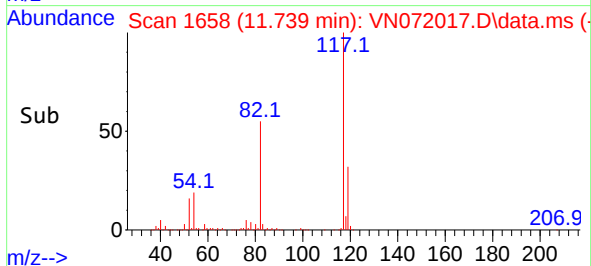
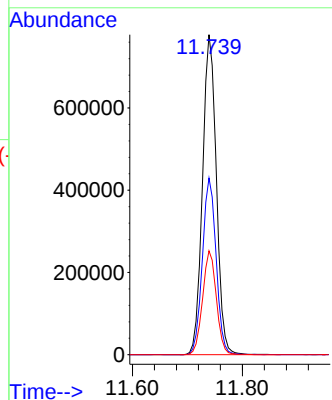
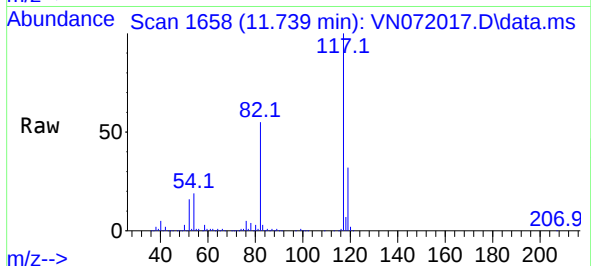




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072017.D
Acq: 15 Apr 2022 21:39

Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#05

Tgt Ion:117 Resp: 1361101
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.5 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: VN072017.D
Acq: 15 Apr 2022 21:39

Tgt Ion:152 Resp: 485836
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 156.1 0.0 356.2

