

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072171.D
 Acq On : 22 Apr 2022 21:00
 Operator : JC\MD
 Sample : N2524-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33656-57

Quant Time: Apr 23 03:24:46 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)

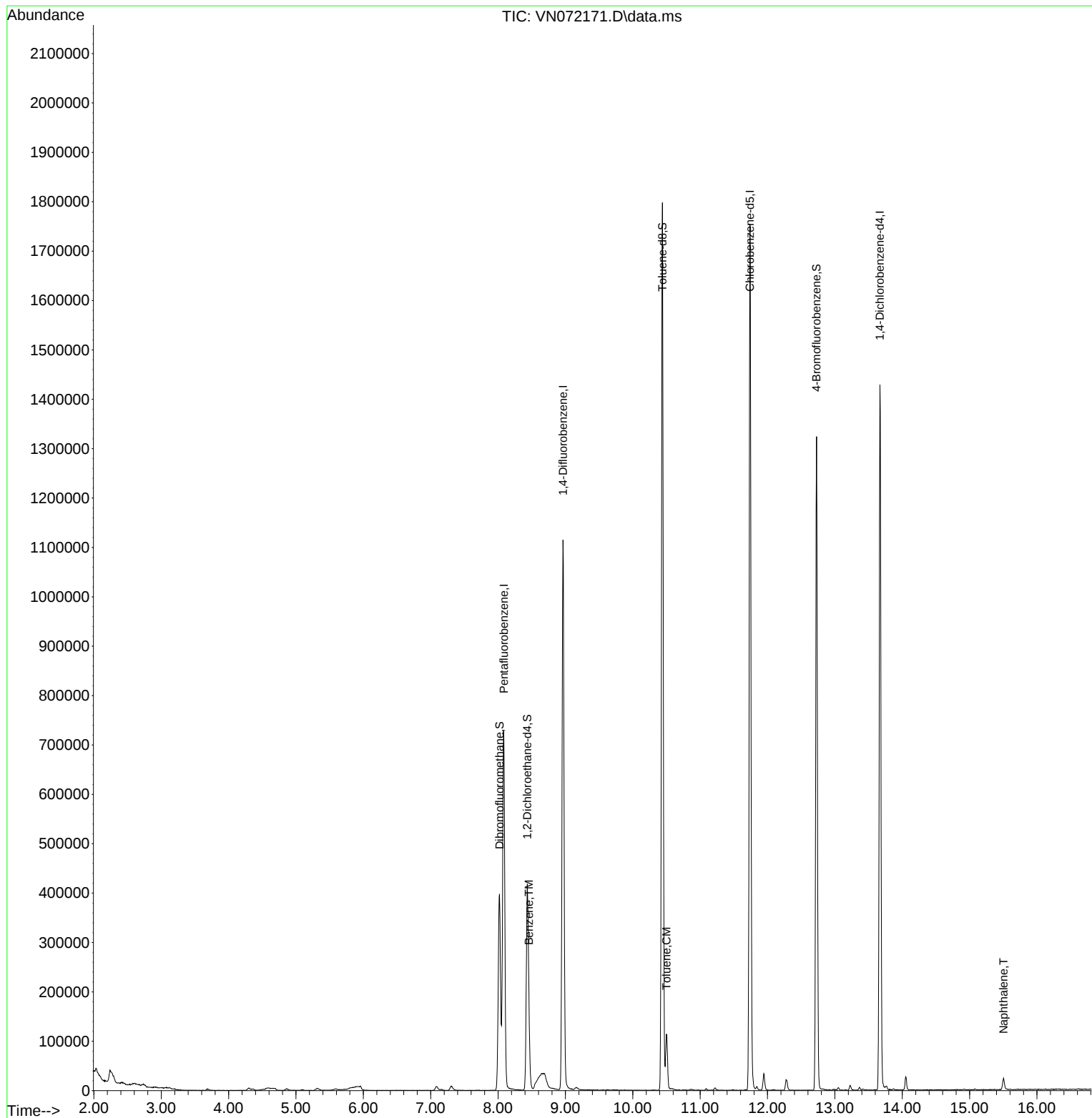
Internal Standards						
1) Pentafluorobenzene	8.086	168	624366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1062835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1135399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	443708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	322280	45.214	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.420%		
35) Dibromofluoromethane	8.022	113	300880	48.109	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.220%		
50) Toluene-d8	10.439	98	1328372	51.921	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.840%		
62) 4-Bromofluorobenzene	12.727	95	472603	57.116	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	114.240%		
Target Compounds					Qvalue	
40) Benzene	8.457	78	76171	2.761	ug/l	99
52) Toluene	10.498	92	50719	2.908	ug/l	97
95) Naphthalene	15.504	128	23688	4.886	ug/l	99

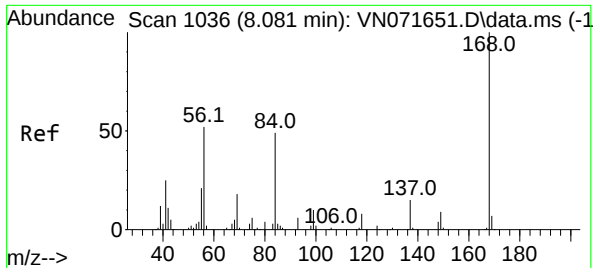
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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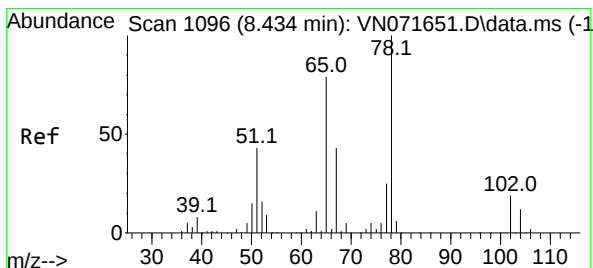
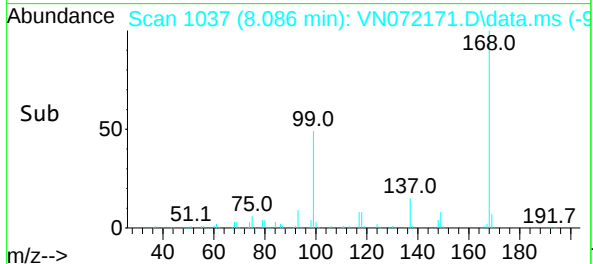
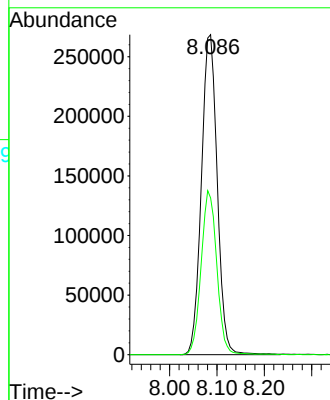
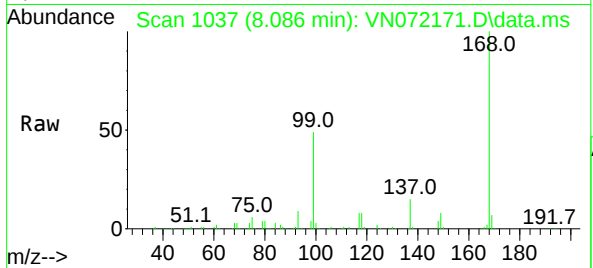




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072171.D
Acq: 22 Apr 2022 21:00

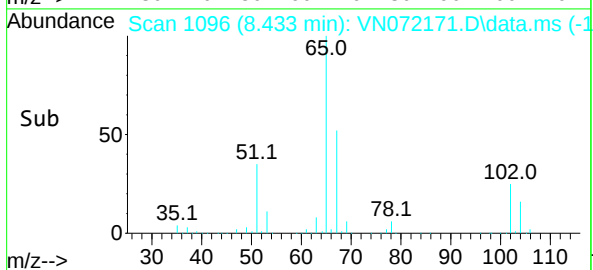
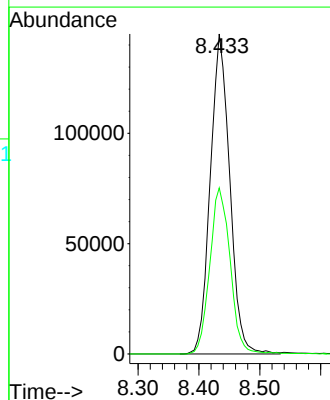
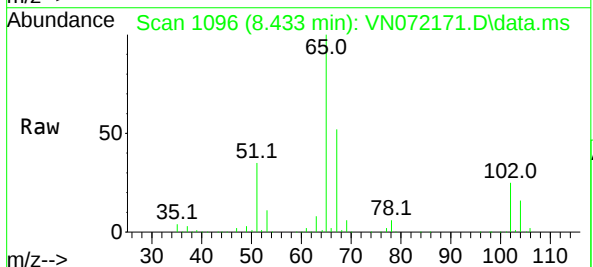
Instrument :
MSVOA_N
ClientSampleId :
33656-57

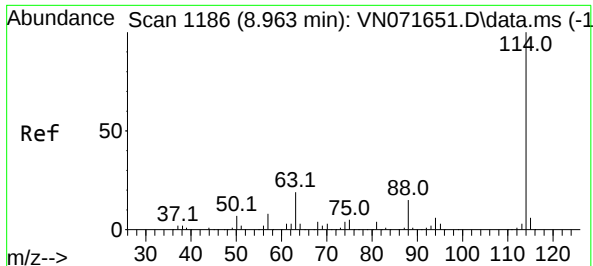
Tgt Ion:168 Resp: 624366
Ion Ratio Lower Upper
168 100
99 49.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.214 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072171.D
Acq: 22 Apr 2022 21:00

Tgt Ion: 65 Resp: 322280
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: VN072171.D

Acq: 22 Apr 2022 21:00

Instrument :

MSVOA_N

ClientSampleId :

33656-57

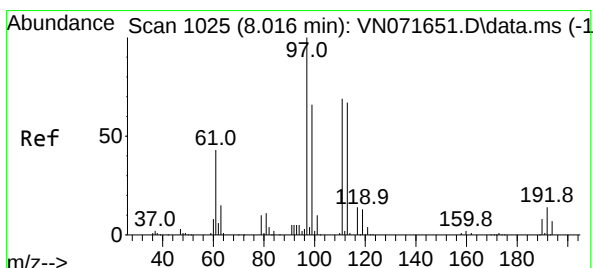
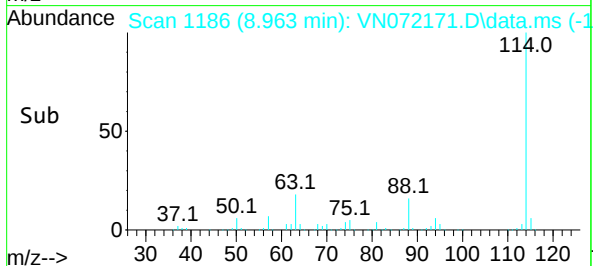
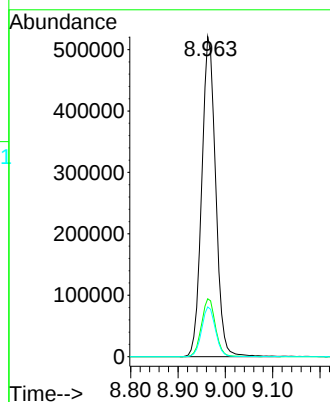
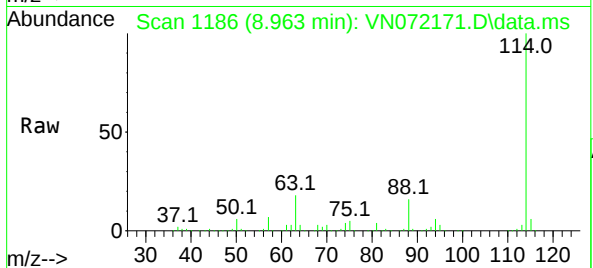
Tgt Ion:114 Resp: 1062835

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.109 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072171.D

Acq: 22 Apr 2022 21:00

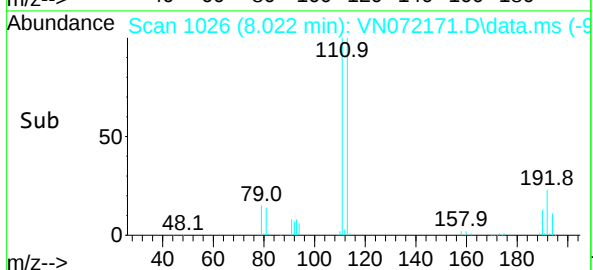
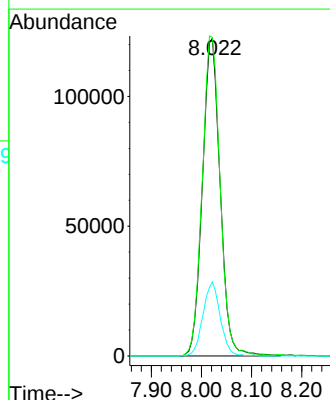
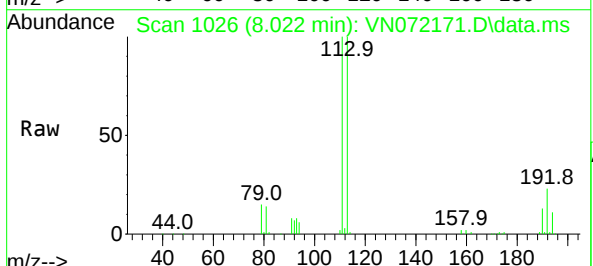
Tgt Ion:113 Resp: 300880

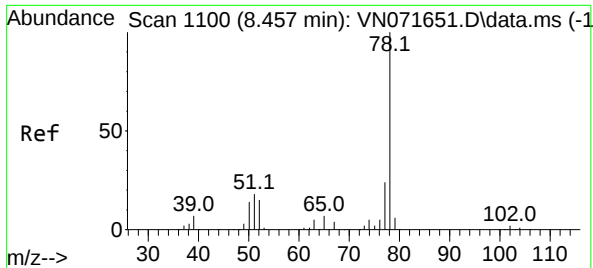
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 22.7 17.0 25.6

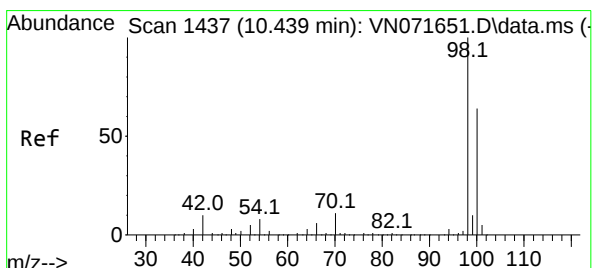
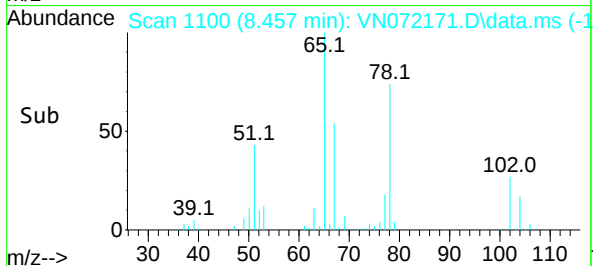
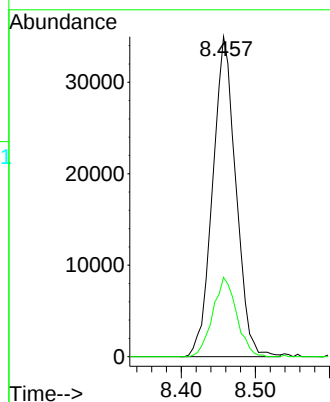
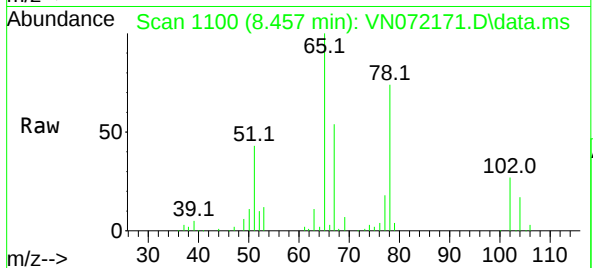




#40
Benzene
Concen: 2.761 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072171.D
Acq: 22 Apr 2022 21:00

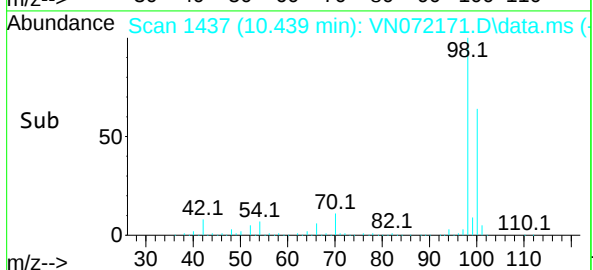
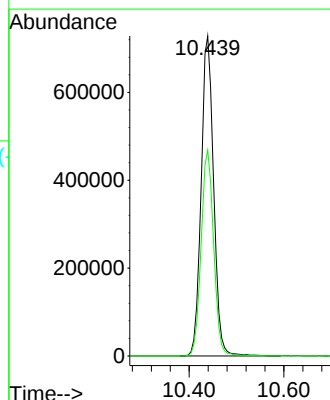
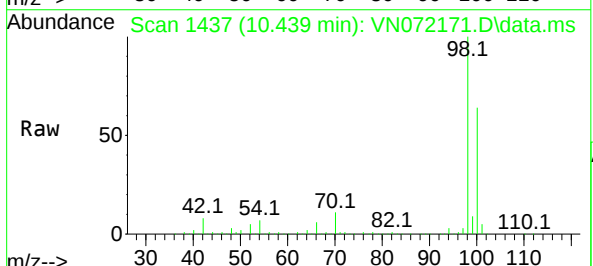
Instrument :
MSVOA_N
ClientSampleId :
33656-57

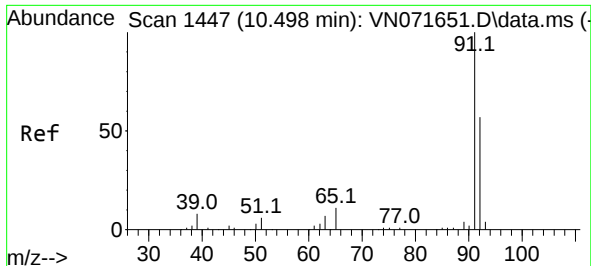
Tgt Ion: 78 Resp: 76171
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0



#50
Toluene-d8
Concen: 51.921 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072171.D
Acq: 22 Apr 2022 21:00

Tgt Ion: 98 Resp: 1328372
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

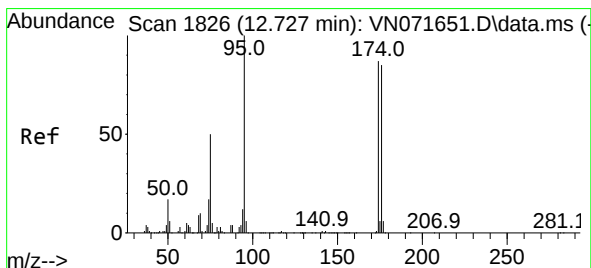
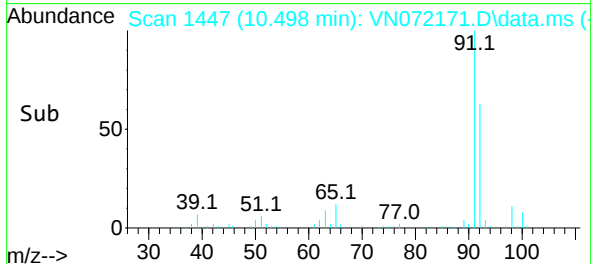
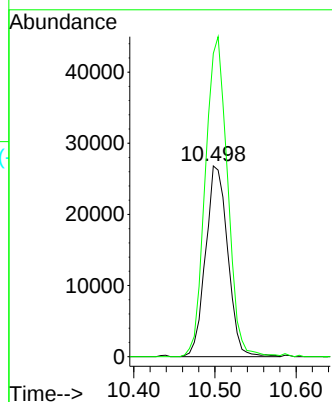
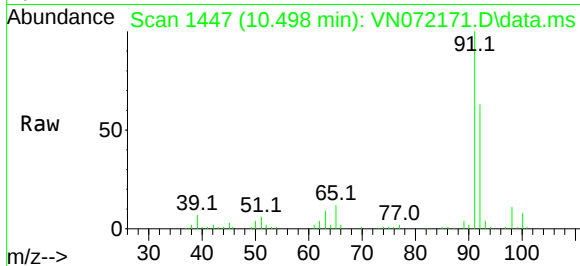




#52
Toluene
Concen: 2.908 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072171.D
Acq: 22 Apr 2022 21:00

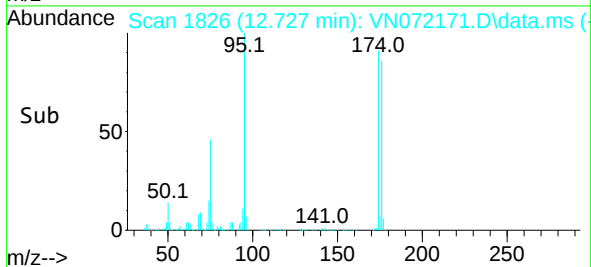
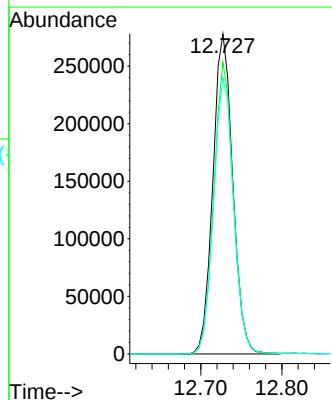
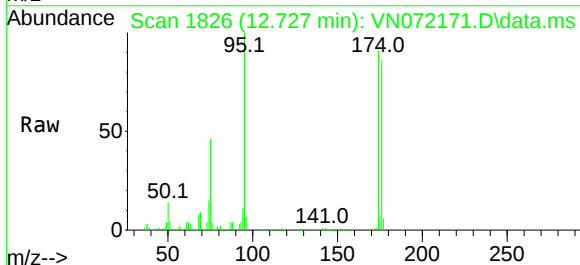
Instrument :
MSVOA_N
ClientSampleId :
33656-57

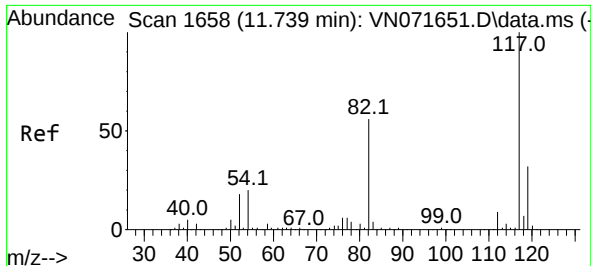
Tgt Ion: 92 Resp: 50719
Ion Ratio Lower Upper
92 100
91 168.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 57.116 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072171.D
Acq: 22 Apr 2022 21:00

Tgt Ion: 95 Resp: 472603
Ion Ratio Lower Upper
95 100
174 90.4 0.0 167.6
176 86.5 0.0 163.4

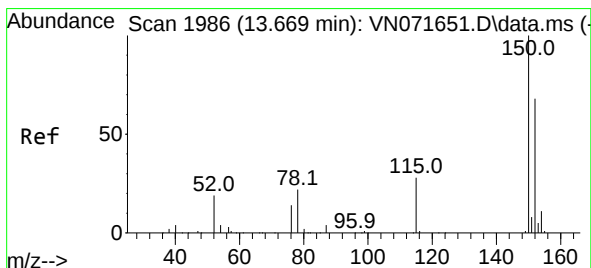
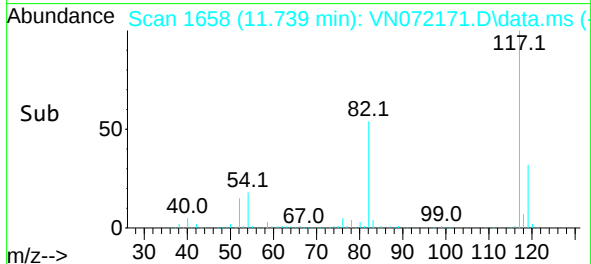
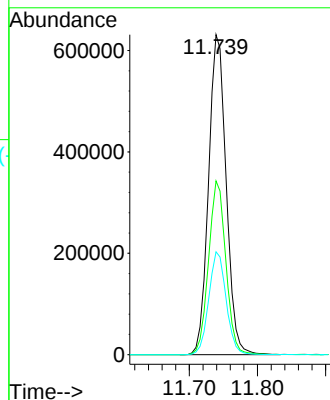
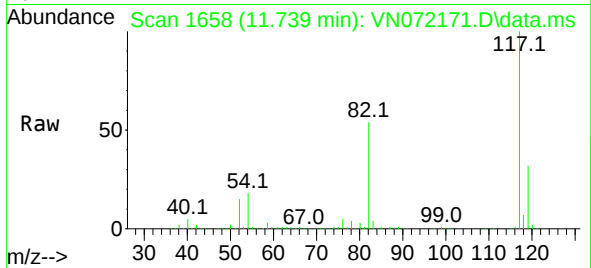




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072171.D
Acq: 22 Apr 2022 21:00

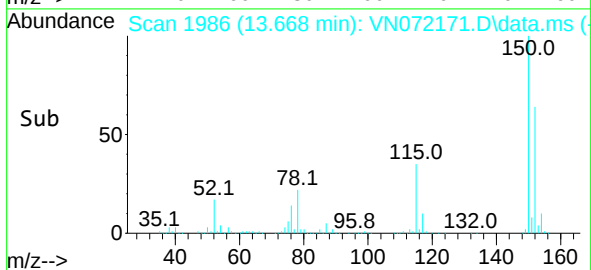
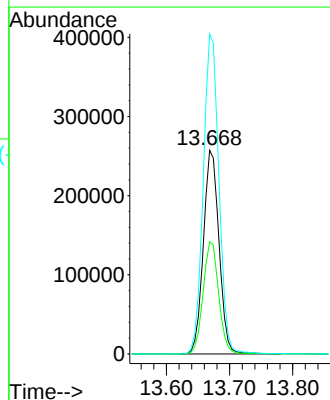
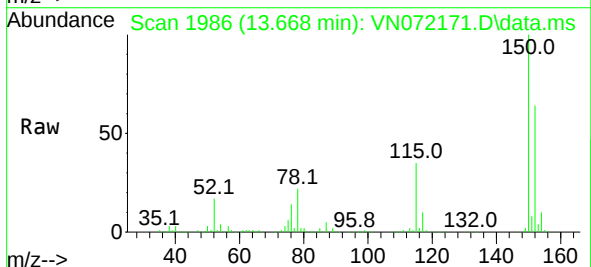
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MSVOA_N
ClientSampleId :
33656-57

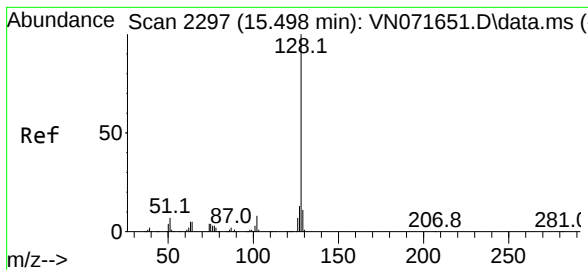
Tgt Ion:117 Resp: 1135399
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072171.D
Acq: 22 Apr 2022 21:00

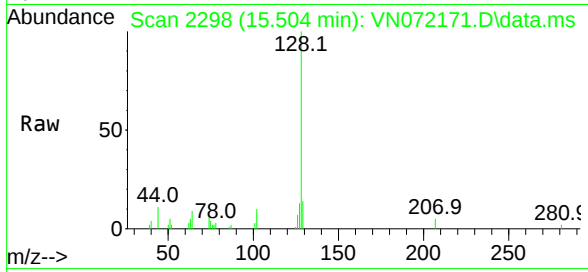
Tgt Ion:152 Resp: 443708
Ion Ratio Lower Upper
152 100
115 55.0 28.9 86.7
150 157.3 0.0 356.2





#95
 Naphthalene
 Concen: 4.886 ug/l
 RT: 15.504 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072171.D
 Acq: 22 Apr 2022 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 33656-57



Tgt Ion:	128	Resp:	23688
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.7	8.6	13.0

