

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
 Data File : VN073742.D
 Acq On : 04 Aug 2022 17:33
 Operator : JC\MD
 Sample : N4029-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF0822

Quant Time: Aug 05 00:31:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

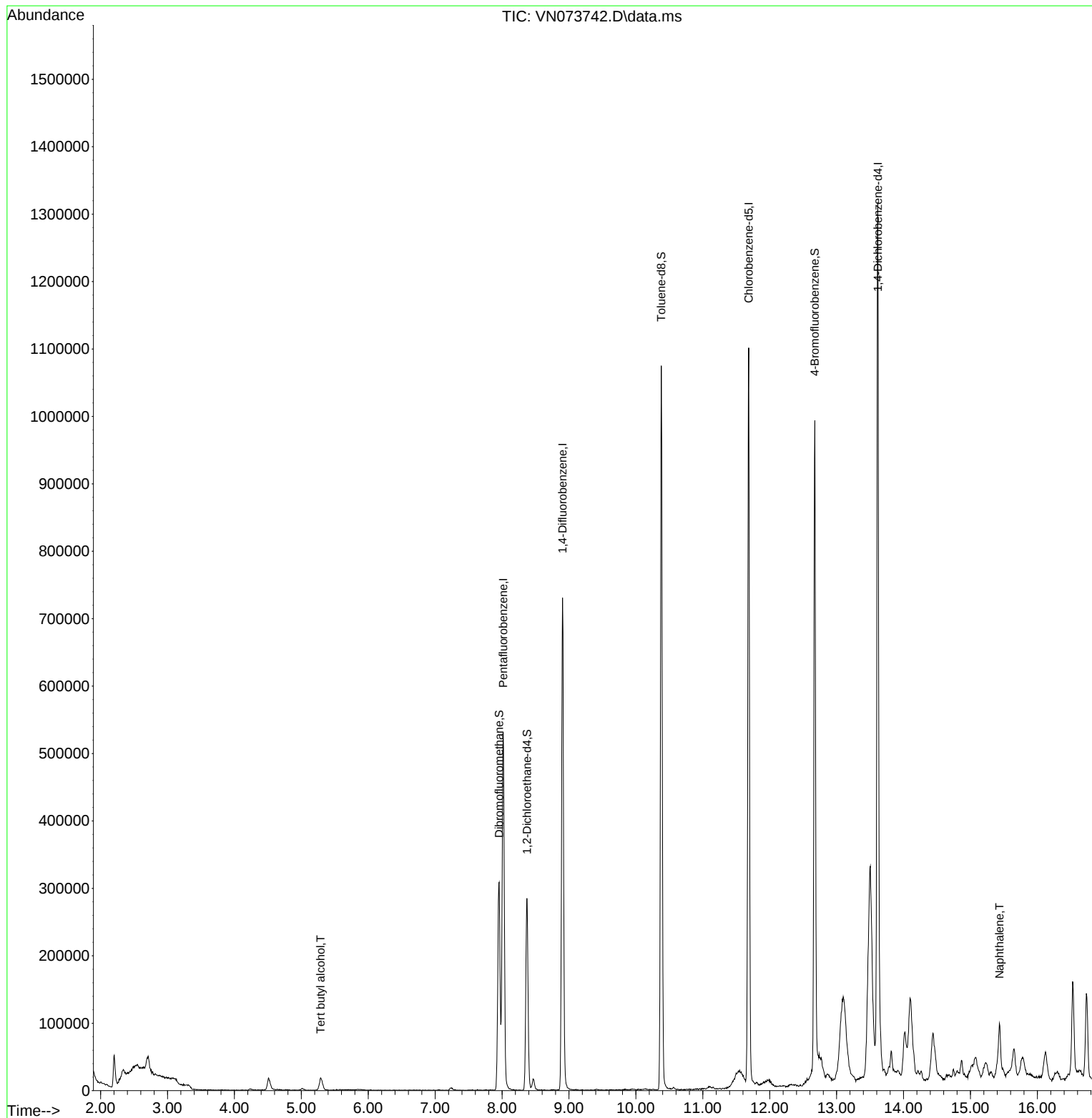
Internal Standards						
1) Pentafluorobenzene	8.016	168	440952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	684033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	670892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	368591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	239157	44.505	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.000%
35) Dibromofluoromethane	7.957	113	228484	53.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.380%
50) Toluene-d8	10.380	98	762345	45.102	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.674	95	313821	54.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	32369	27.930	ug/l #	87
95) Naphthalene	15.433	128	84282	4.024	ug/l #	91

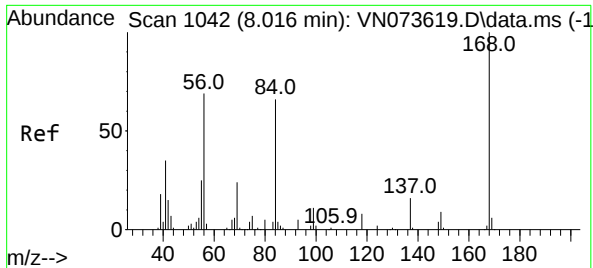
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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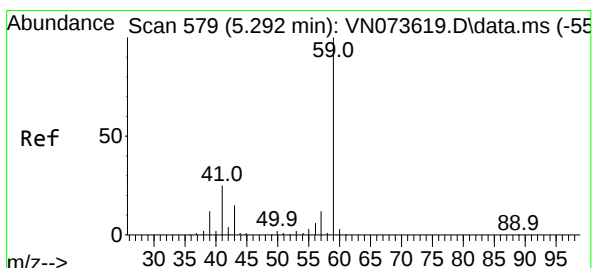
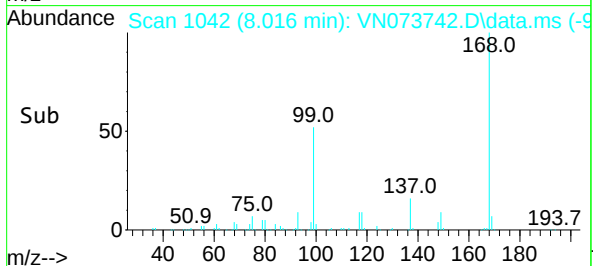
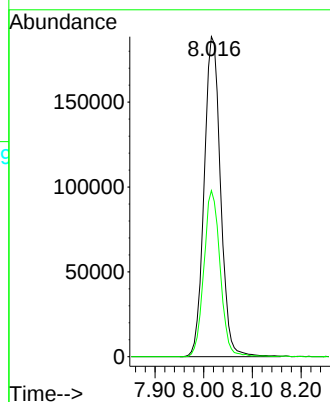
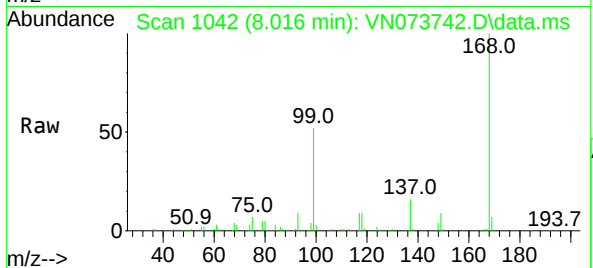




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073742.D
Acq: 04 Aug 2022 17:33

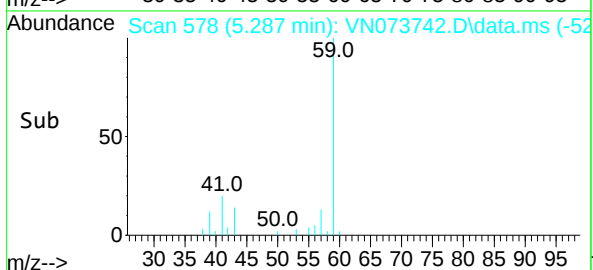
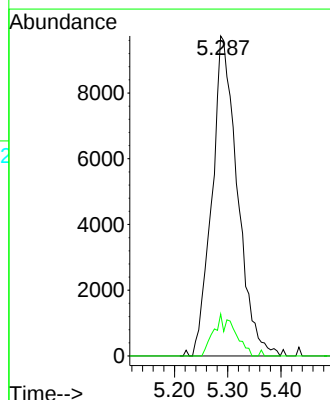
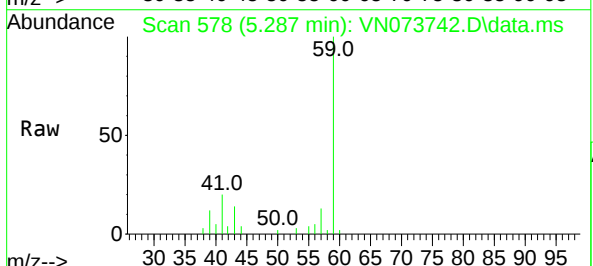
Instrument :
MSVOA_N
ClientSampleId :
EFF0822

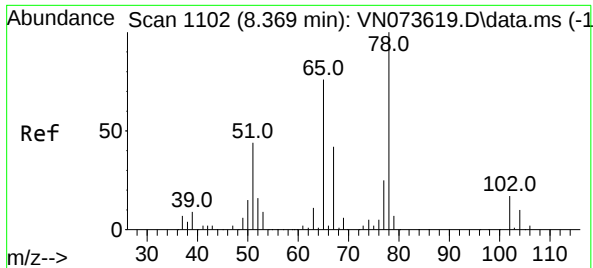
Tgt Ion:168 Resp: 440952
Ion Ratio Lower Upper
168 100
99 51.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 27.930 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN073742.D
Acq: 04 Aug 2022 17:33

Tgt Ion: 59 Resp: 32369
Ion Ratio Lower Upper
59 100
57 5.4 8.3 12.5#





#33

1,2-Dichloroethane-d4

Concen: 44.505 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073742.D

Acq: 04 Aug 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

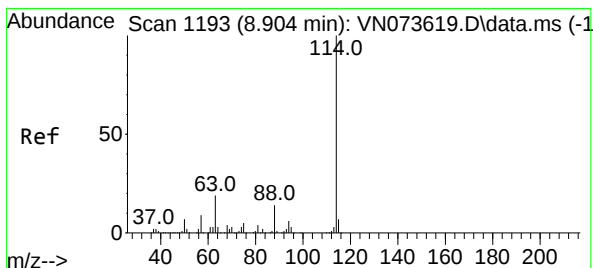
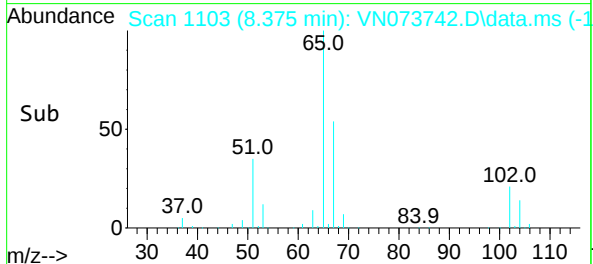
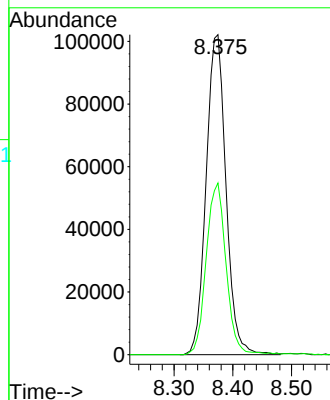
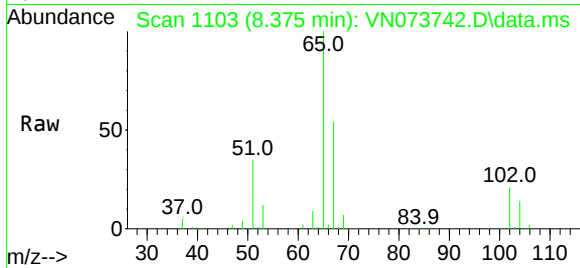
EFF0822

Tgt Ion: 65 Resp: 239157

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073742.D

Acq: 04 Aug 2022 17:33

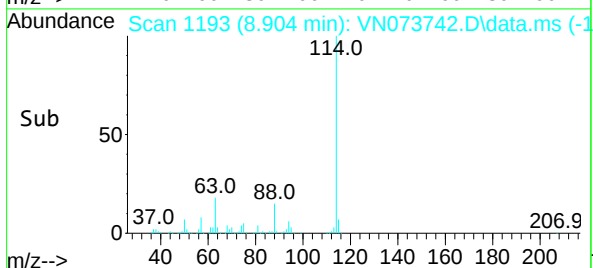
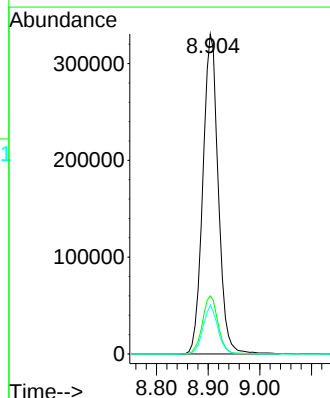
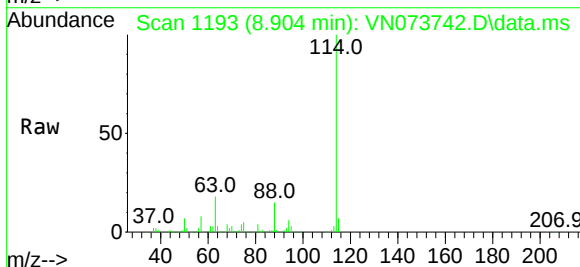
Tgt Ion: 114 Resp: 684033

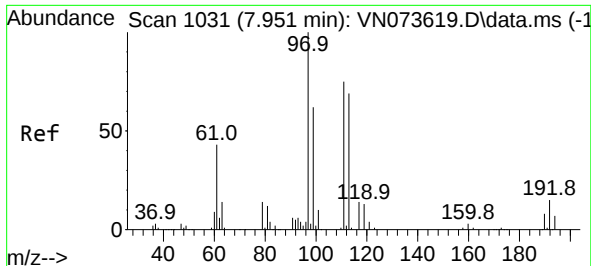
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

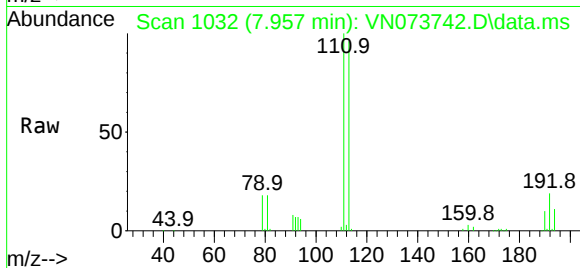
88 15.3 0.0 32.6



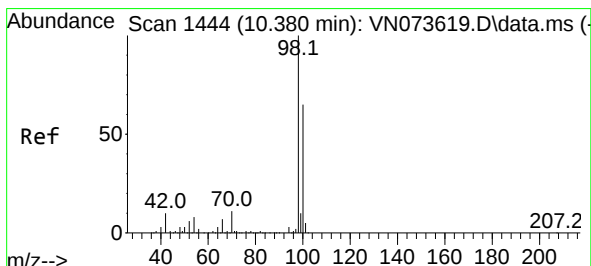
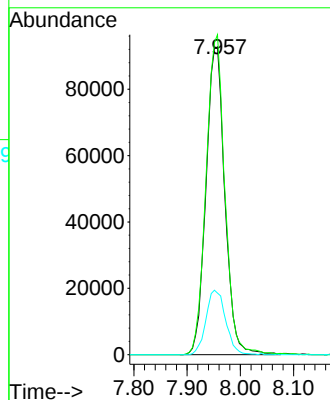
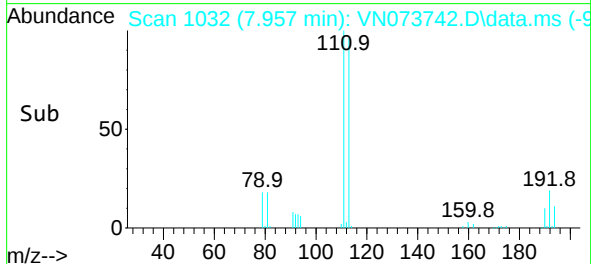


#35
Dibromofluoromethane
Concen: 53.194 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN073742.D
Acq: 04 Aug 2022 17:33

Instrument :
MSVOA_N
ClientSampleId :
EFF0822

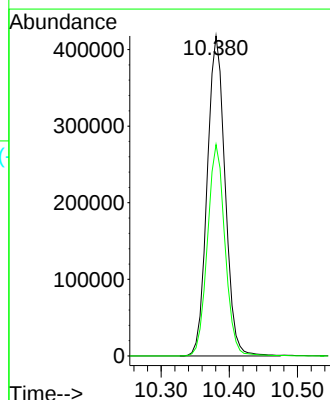
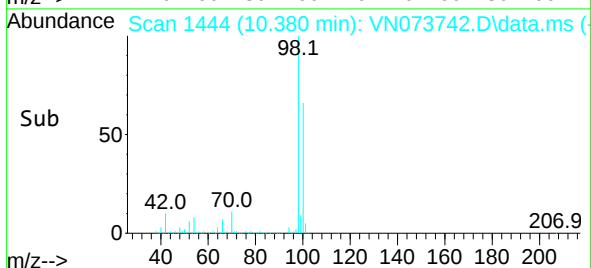
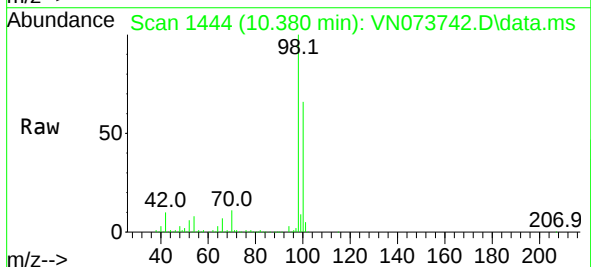


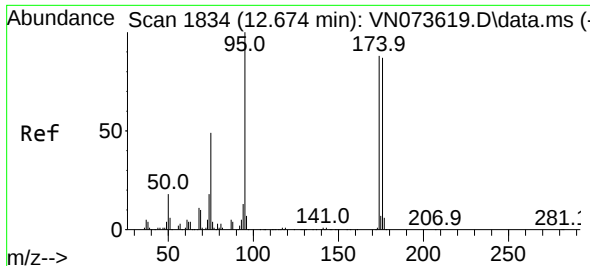
Tgt Ion:113 Resp: 228484
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 21.8 17.0 25.6



#50
Toluene-d8
Concen: 45.102 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073742.D
Acq: 04 Aug 2022 17:33

Tgt Ion: 98 Resp: 762345
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

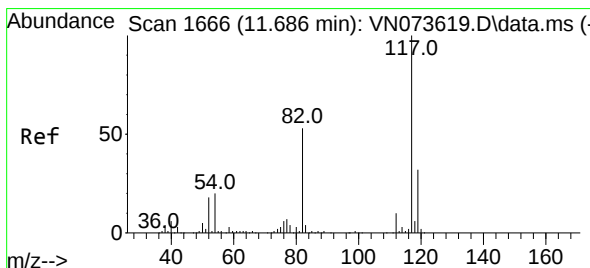
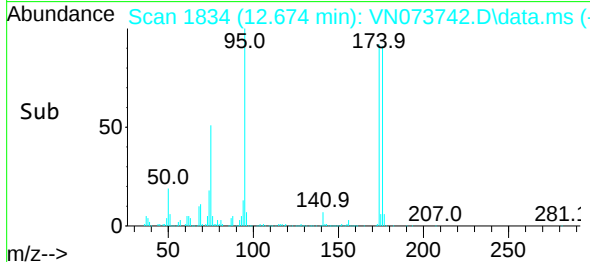
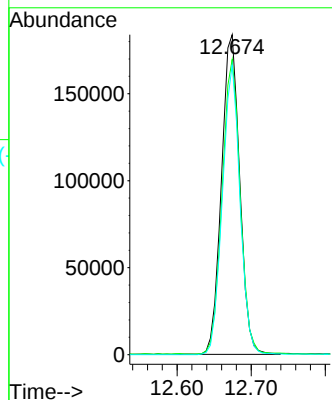
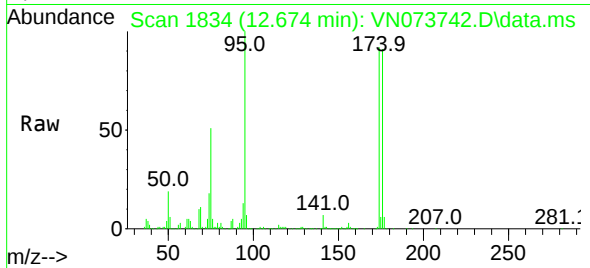




#62
4-Bromofluorobenzene
Concen: 54.599 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073742.D
Acq: 04 Aug 2022 17:33

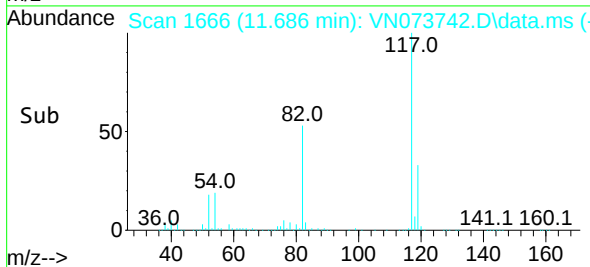
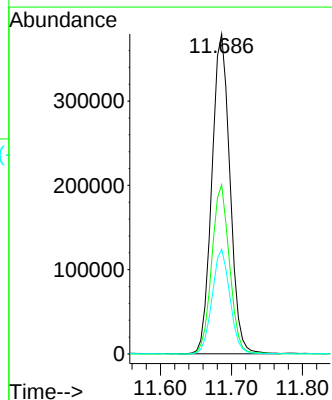
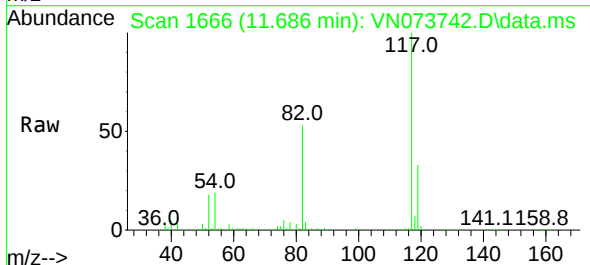
Instrument :
MSVOA_N
ClientSampleId :
EFF0822

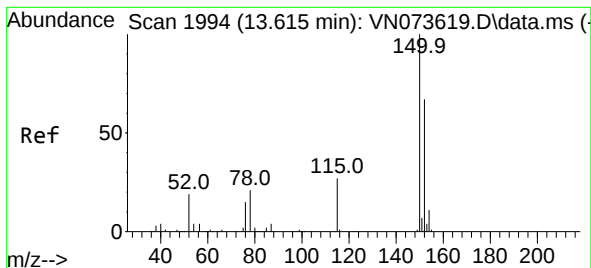
Tgt Ion: 95 Resp: 313821
Ion Ratio Lower Upper
95 100
174 91.8 0.0 167.6
176 87.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073742.D
Acq: 04 Aug 2022 17:33

Tgt Ion: 117 Resp: 670892
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073742.D

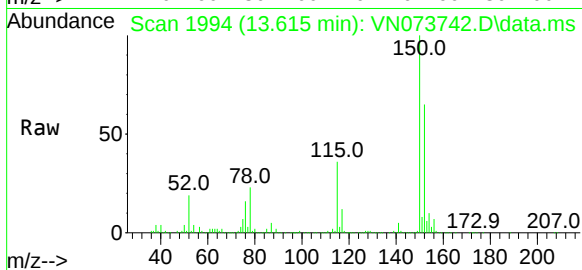
Acq: 04 Aug 2022 17:33

Instrument :

MSVOA_N

ClientSampleId :

EFF0822



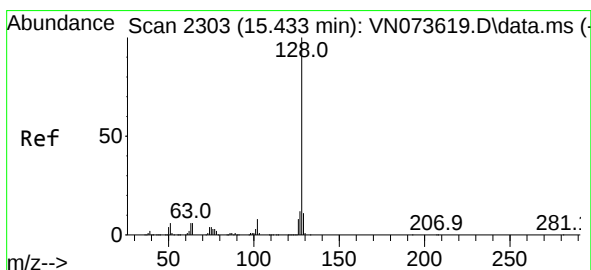
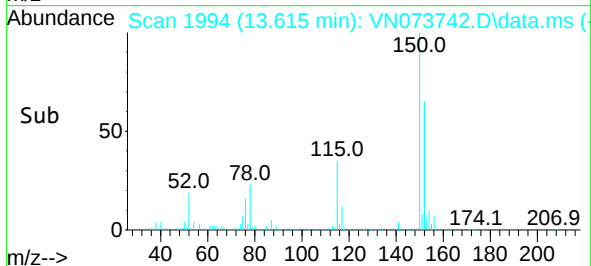
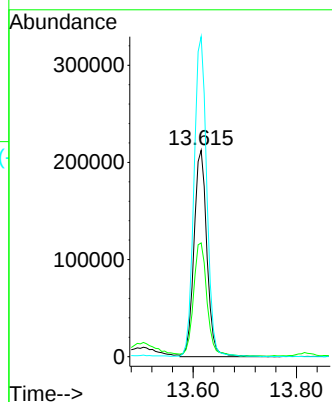
Tgt Ion:152 Resp: 368591

Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.7

150 153.3 0.0 356.2



#95

Naphthalene

Concen: 4.024 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN073742.D

Acq: 04 Aug 2022 17:33

Tgt Ion:128 Resp: 84282

Ion Ratio Lower Upper

128 100

127 16.4 10.3 15.5#

129 13.9 8.6 13.0#

