

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073722.D
 Acq On : 03 Aug 2022 19:31
 Operator : JC\MD
 Sample : N3972-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2022-07-28

Quant Time: Aug 04 05:38:12 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)

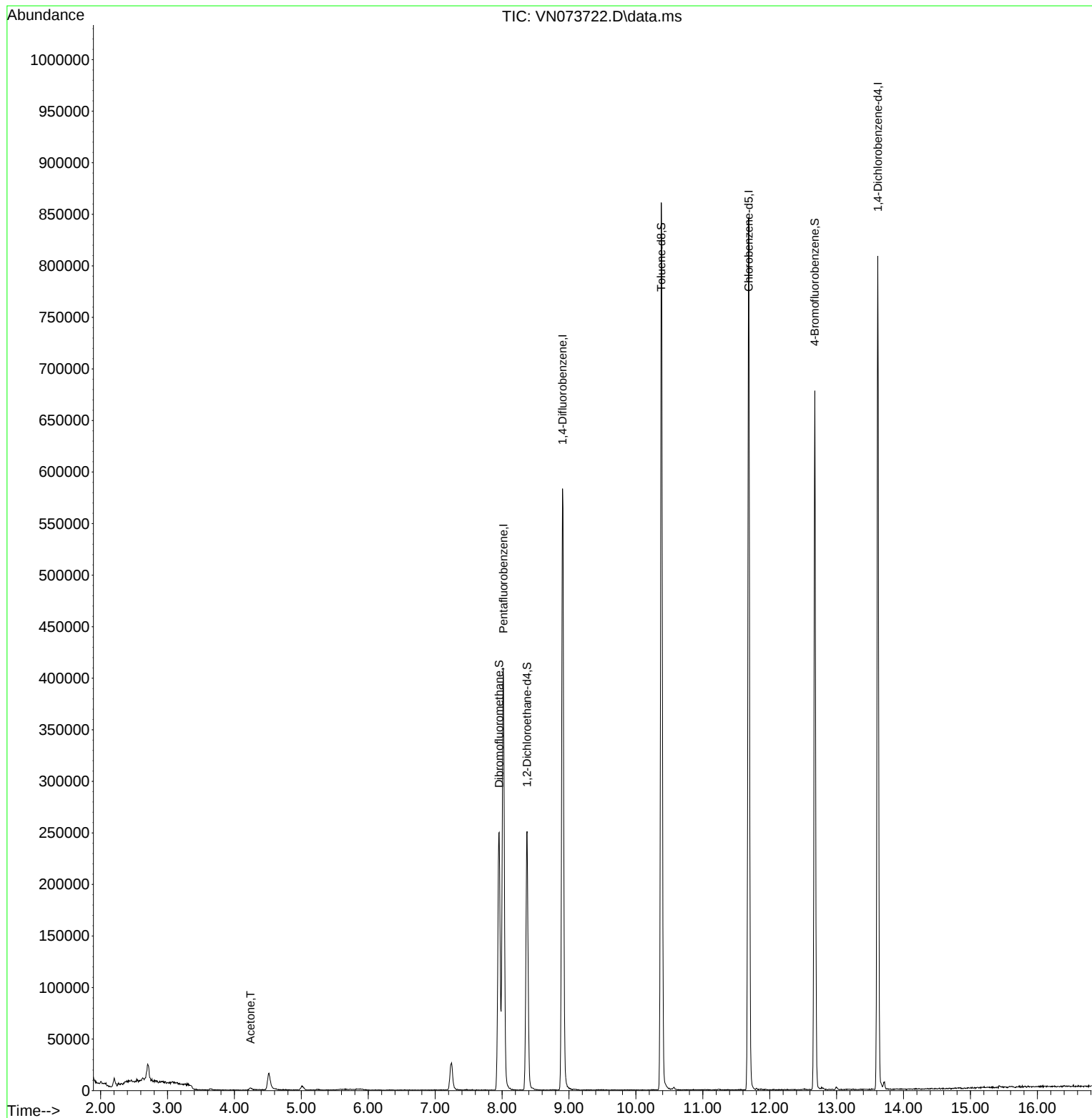
Internal Standards						
1) Pentafluorobenzene	8.022	168	331408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	538832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	498618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	224042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	203864	50.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.960%	
35) Dibromofluoromethane	7.957	113	188886	55.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.660%	
50) Toluene-d8	10.380	98	609977	45.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.620%	
62) 4-Bromofluorobenzene	12.674	95	213561	48.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.640%	
Target Compounds						
16) Acetone	4.240	43	3704	1.708	ug/l	Qvalue # 81

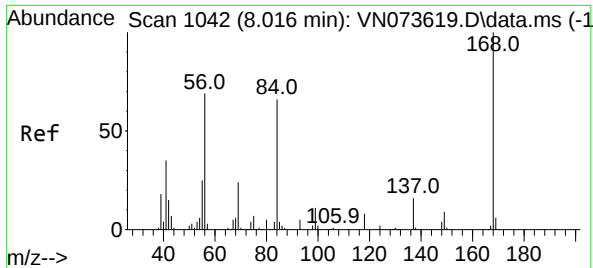
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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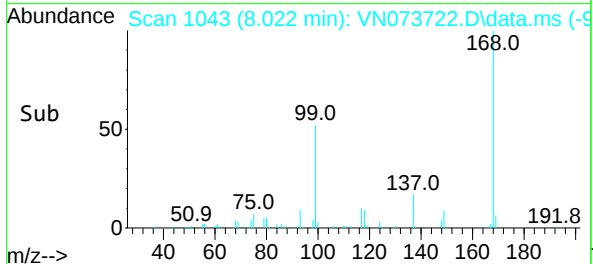
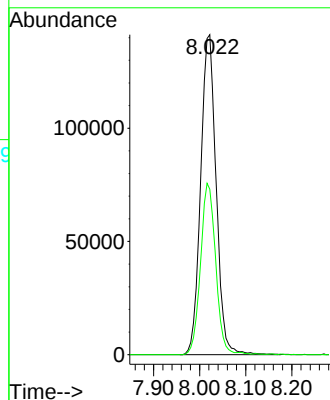
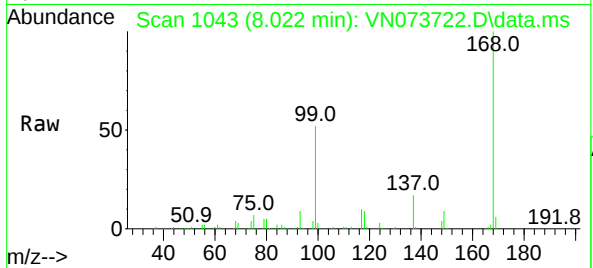




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073722.D
Acq: 03 Aug 2022 19:31

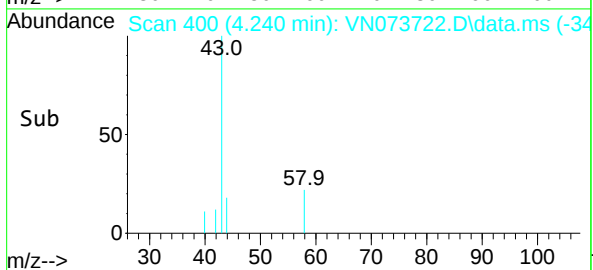
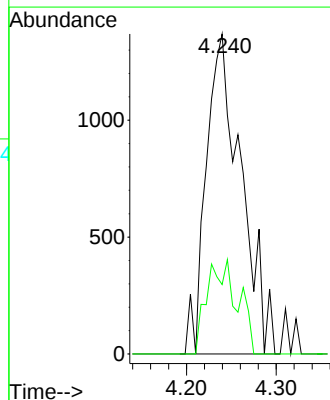
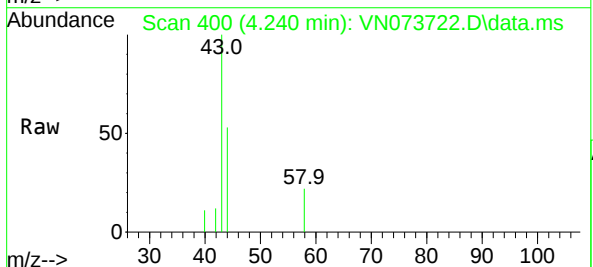
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-07-28

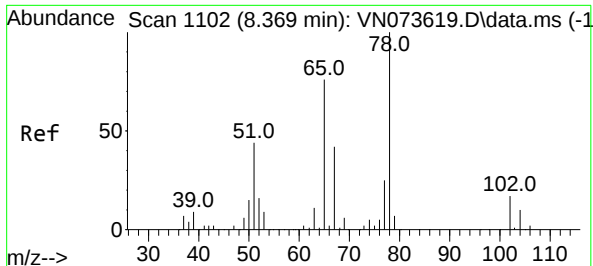
Tgt Ion:168 Resp: 331408
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#16
Acetone
Concen: 1.708 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073722.D
Acq: 03 Aug 2022 19:31

Tgt Ion: 43 Resp: 3704
Ion Ratio Lower Upper
43 100
58 21.7 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 50.477 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073722.D

Acq: 03 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

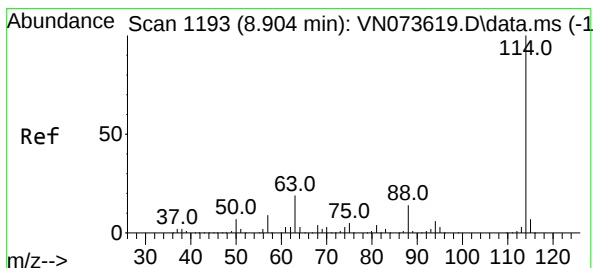
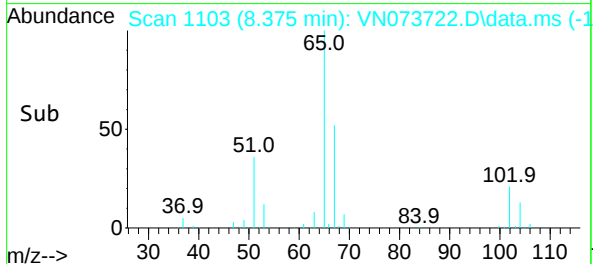
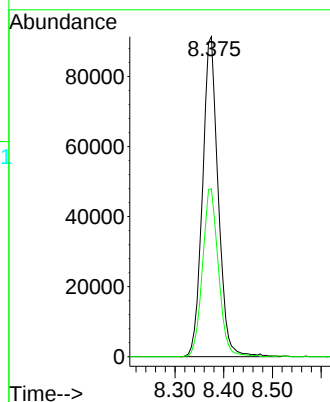
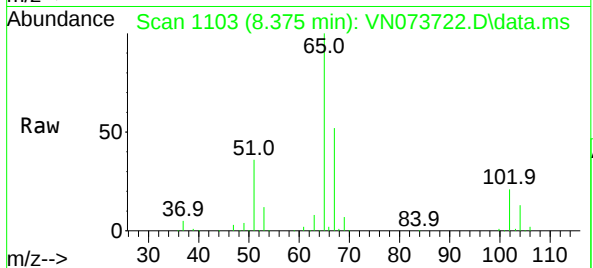
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Tgt Ion: 65 Resp: 203864

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: VN073722.D

Acq: 03 Aug 2022 19:31

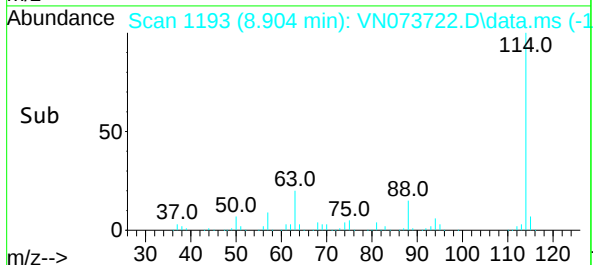
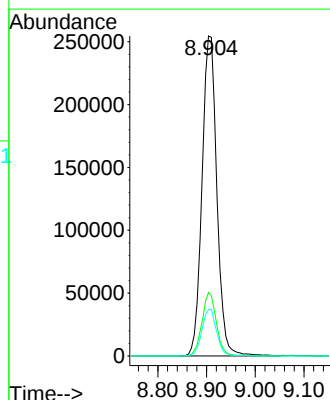
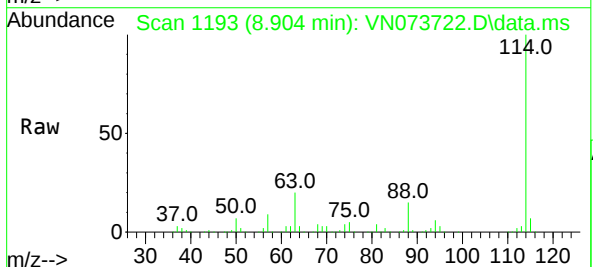
Tgt Ion: 114 Resp: 538832

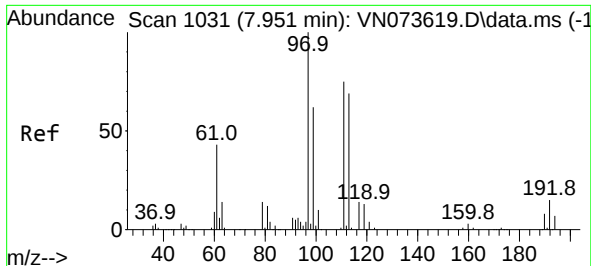
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.825 ug/l

RT: 7.957 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN073722.D

Acq: 03 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

TB-2022-07-28

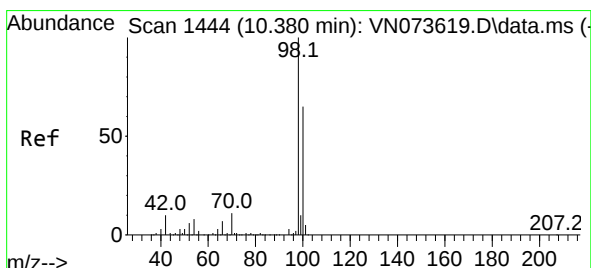
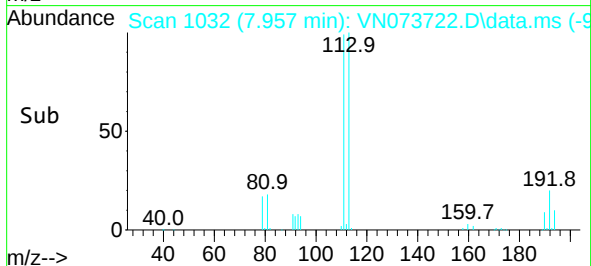
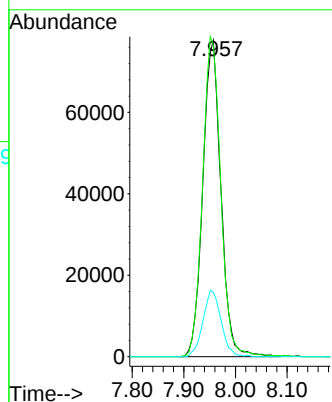
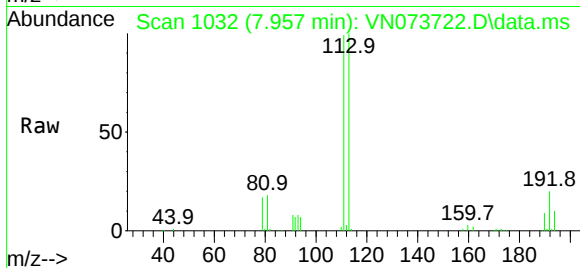
Tgt Ion:113 Resp: 188886

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 21.1 17.0 25.6



#50

Toluene-d8

Concen: 45.813 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073722.D

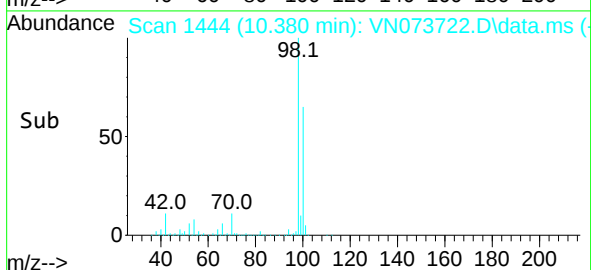
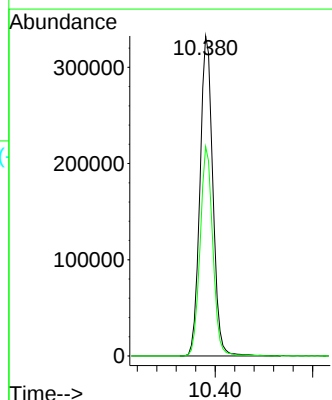
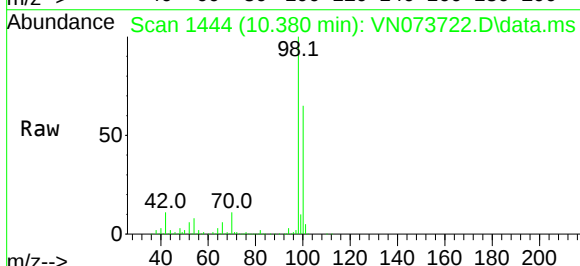
Acq: 03 Aug 2022 19:31

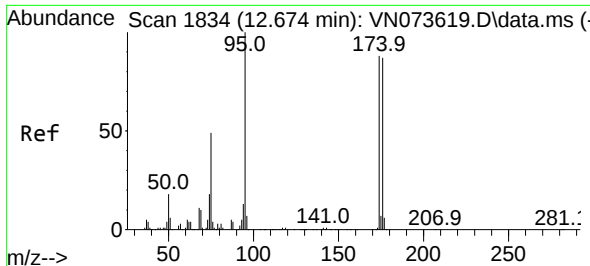
Tgt Ion: 98 Resp: 609977

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8

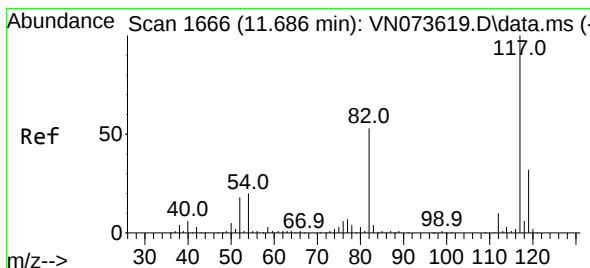
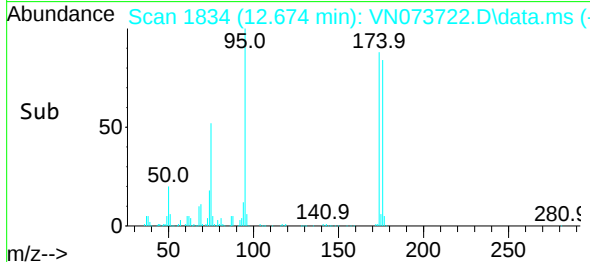
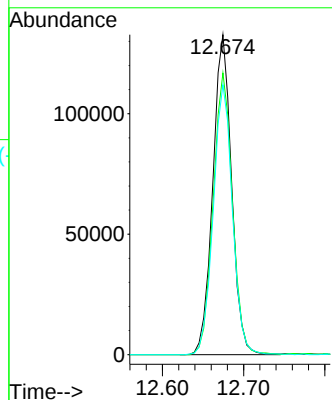
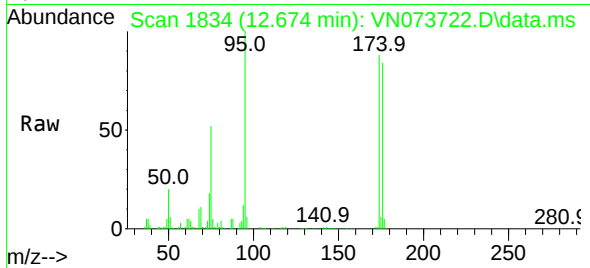




#62
4-Bromofluorobenzene
Concen: 48.323 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073722.D
Acq: 03 Aug 2022 19:31

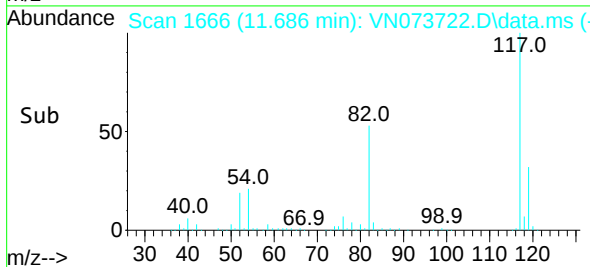
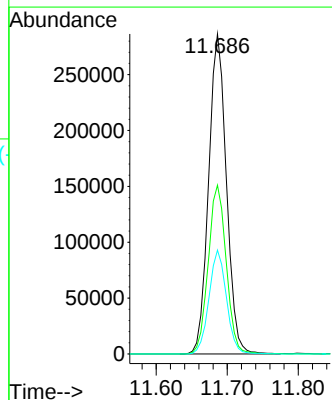
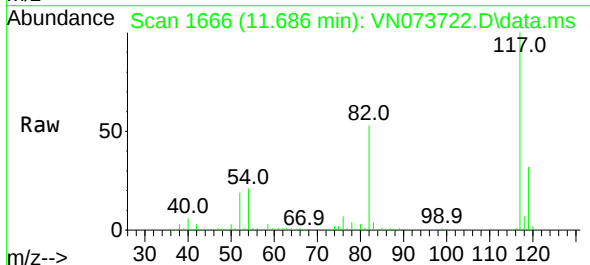
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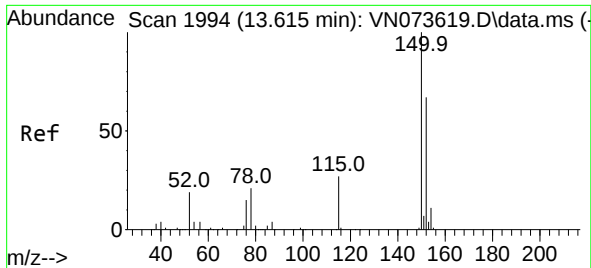
Tgt Ion: 95 Resp: 213561
Ion Ratio Lower Upper
95 100
174 90.2 0.0 167.6
176 86.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073722.D
Acq: 03 Aug 2022 19:31

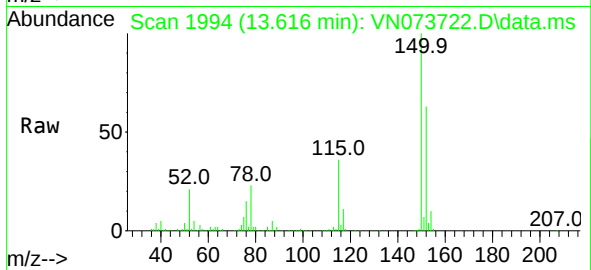
Tgt Ion: 117 Resp: 498618
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073722.D
 Acq: 03 Aug 2022 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 224042
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.9 86.7
 150 156.5 0.0 356.2

