

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073825.D
 Acq On : 11 Aug 2022 15:14
 Operator : JC\MD
 Sample : N4172-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20220809

Quant Time: Aug 12 06:02:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

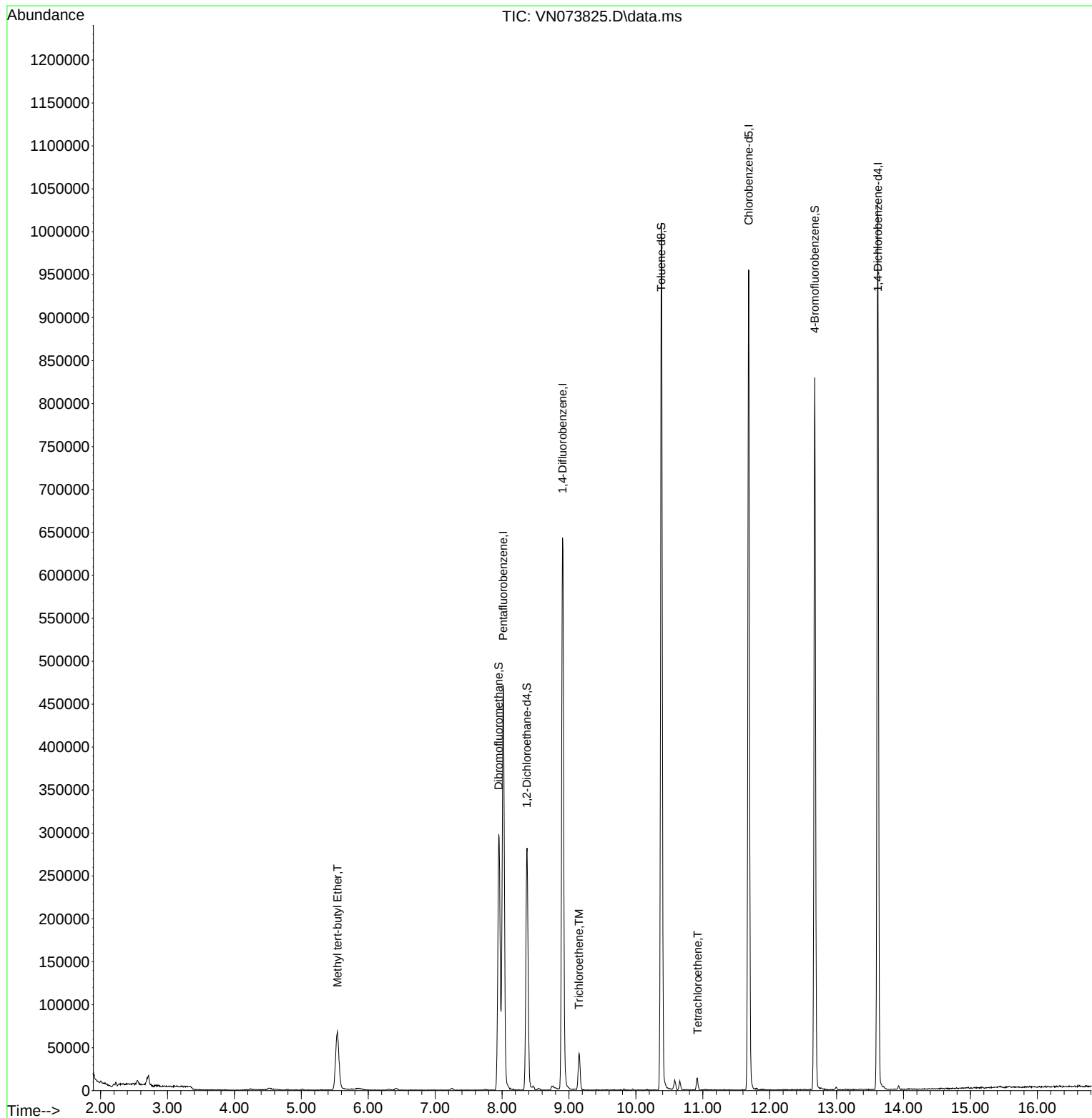
Internal Standards						
1) Pentafluorobenzene	8.016	168	387300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	609363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	582345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	291305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	239602	50.764	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.520%		
35) Dibromofluoromethane	7.951	113	225244	58.866	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 117.740%		
50) Toluene-d8	10.380	98	716170	47.563	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.120%		
62) 4-Bromofluorobenzene	12.674	95	269554	50.940	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.880%		
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.539	73	109056	8.687	ug/l	99
44) Trichloroethene	9.151	130	17226	3.836	ug/l	92
64) Tetrachloroethene	10.921	164	3861	0.834	ug/l #	77

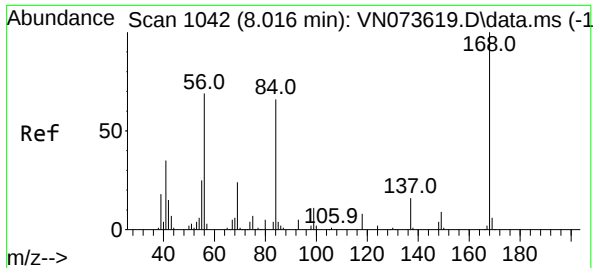
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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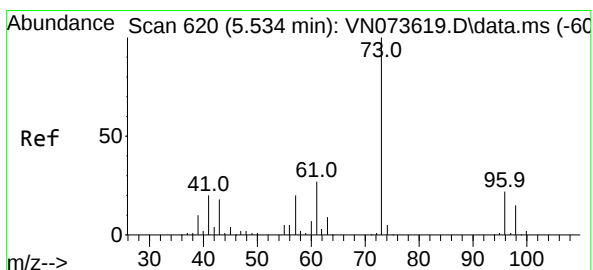
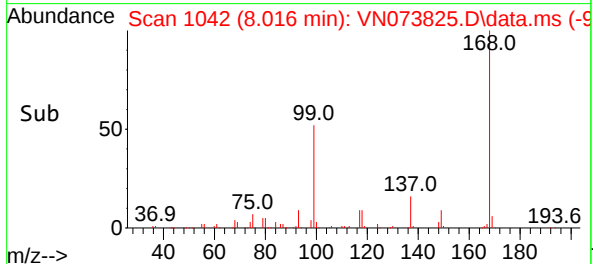
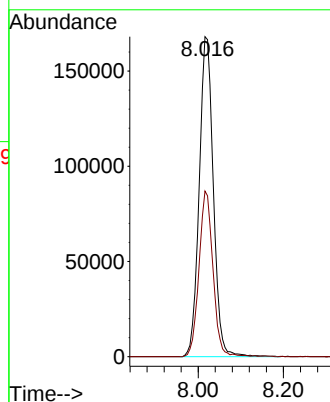
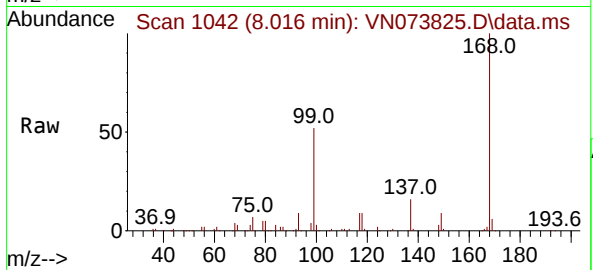




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073825.D
Acq: 11 Aug 2022 15:14

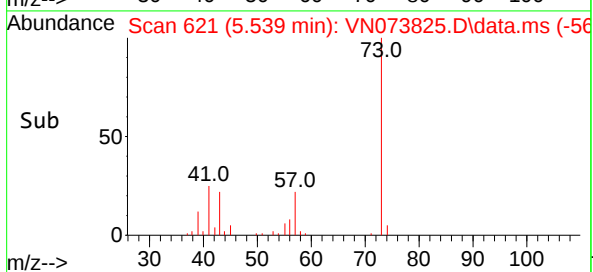
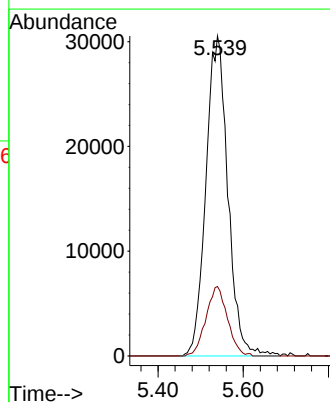
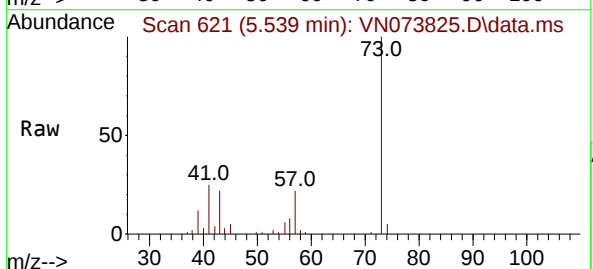
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20220809

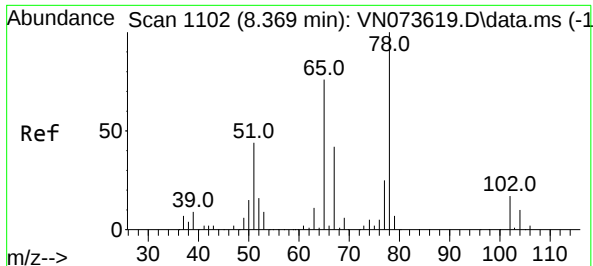
Tgt Ion:168 Resp: 387300
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 8.687 ug/l
RT: 5.539 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN073825.D
Acq: 11 Aug 2022 15:14

Tgt Ion: 73 Resp: 109056
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4





#33

1,2-Dichloroethane-d4

Concen: 50.764 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073825.D

Acq: 11 Aug 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

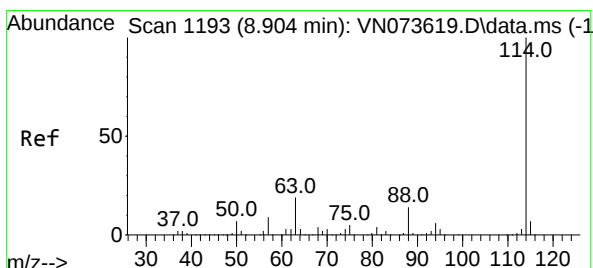
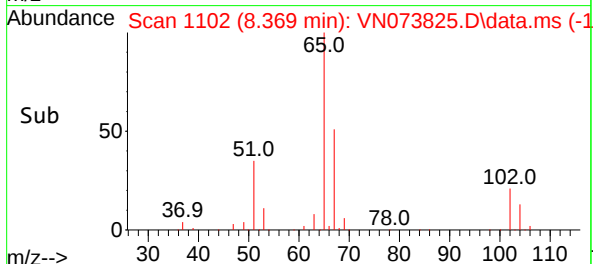
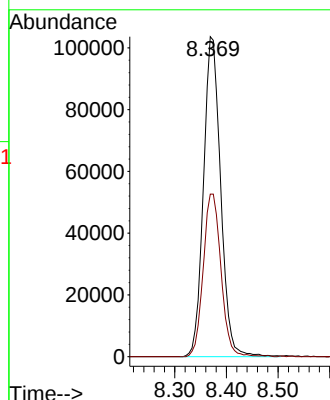
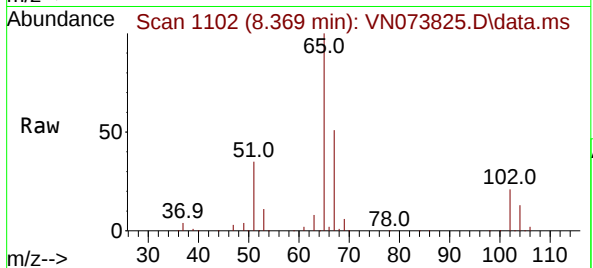
DUP02-20220809

Tgt Ion: 65 Resp: 239602

Ion Ratio Lower Upper

65 100

67 52.4 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: VN073825.D

Acq: 11 Aug 2022 15:14

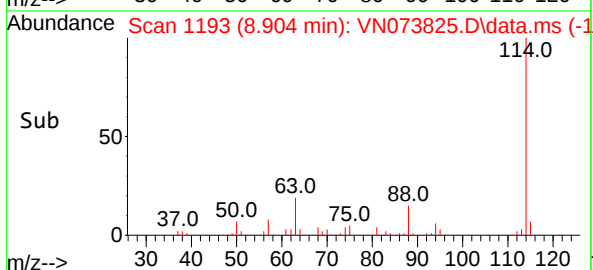
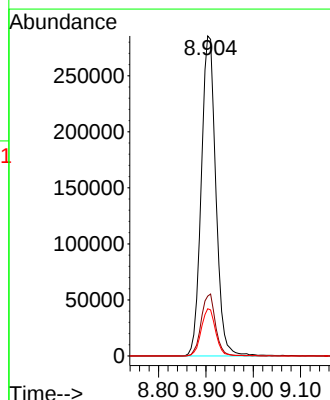
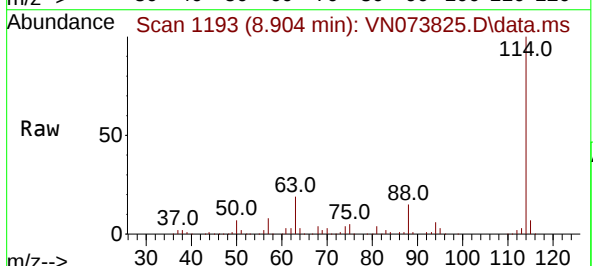
Tgt Ion: 114 Resp: 609363

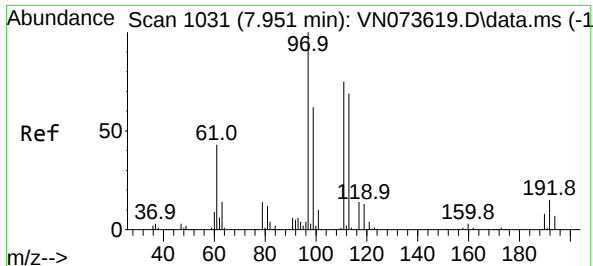
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 58.866 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073825.D

Acq: 11 Aug 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

DUP02-20220809

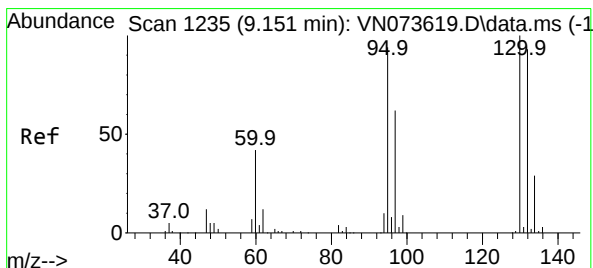
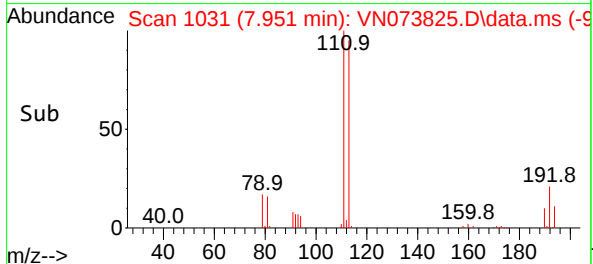
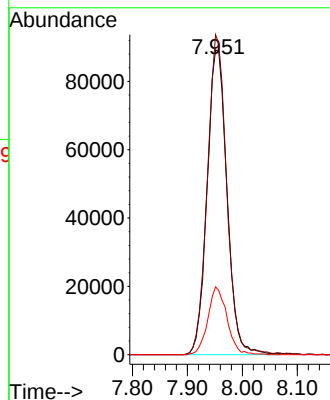
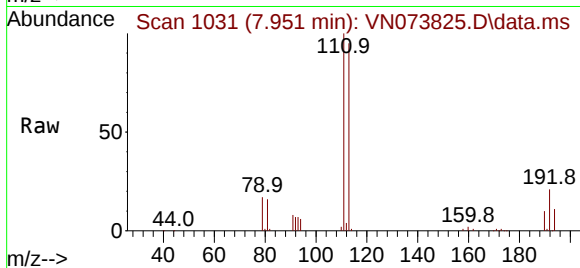
Tgt Ion:113 Resp: 225244

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 21.4 17.0 25.6



#44

Trichloroethene

Concen: 3.836 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VN073825.D

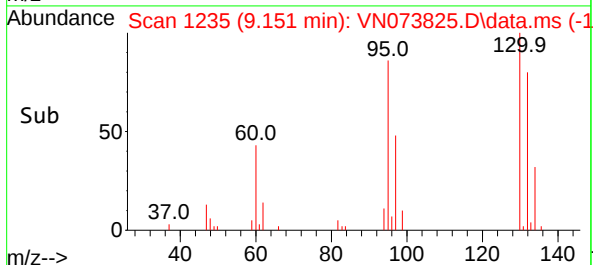
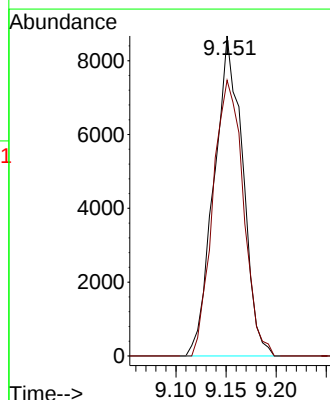
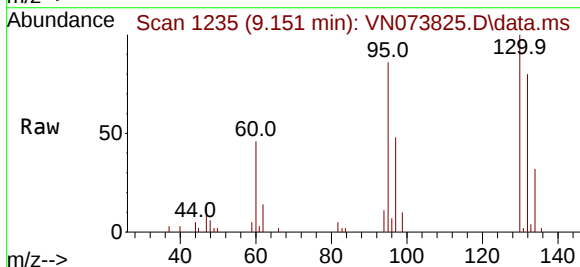
Acq: 11 Aug 2022 15:14

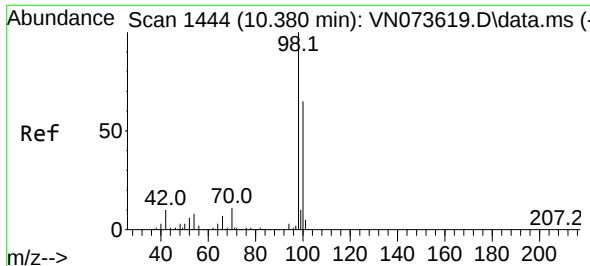
Tgt Ion:130 Resp: 17226

Ion Ratio Lower Upper

130 100

95 86.1 0.0 186.8

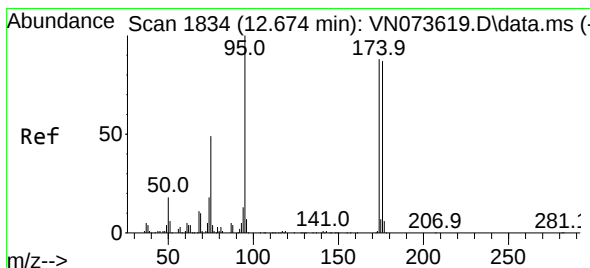
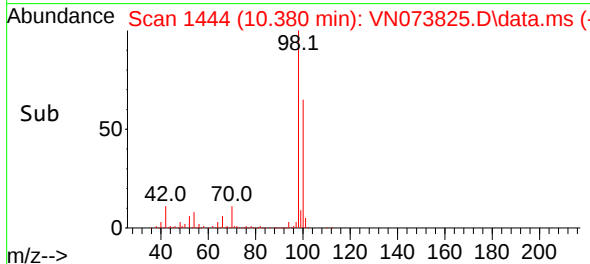
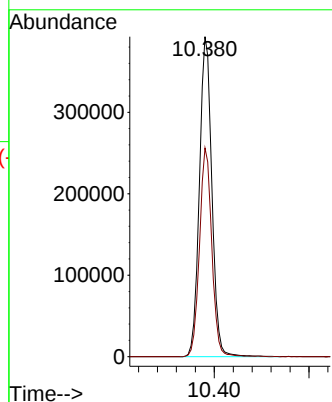
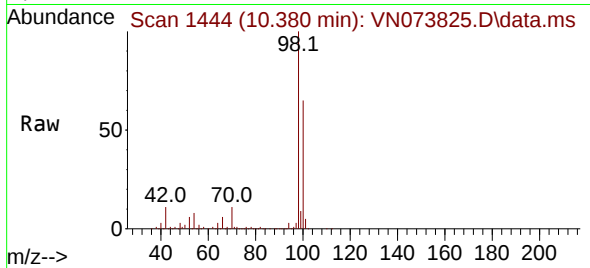




#50
Toluene-d8
Concen: 47.563 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073825.D
Acq: 11 Aug 2022 15:14

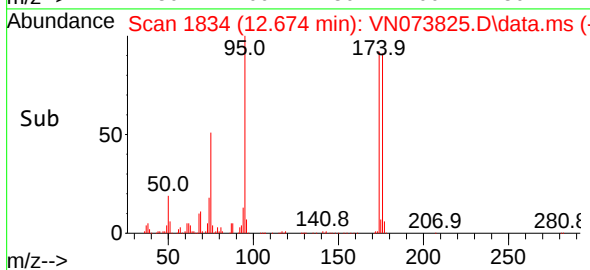
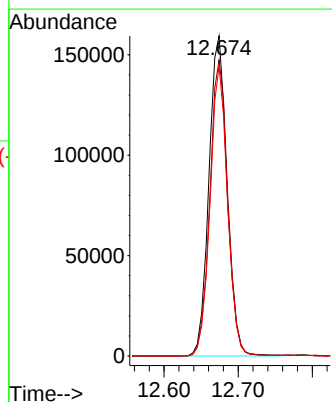
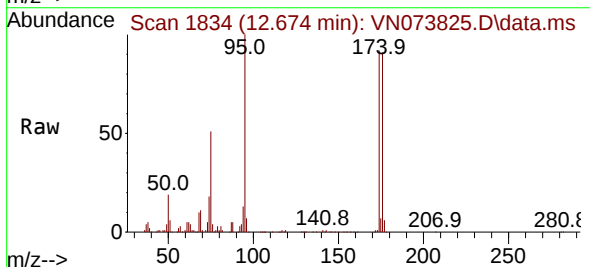
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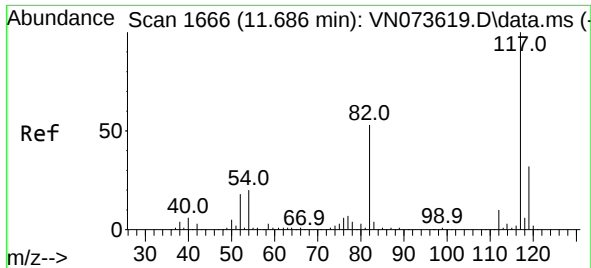
Tgt Ion: 98 Resp: 716170
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.940 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073825.D
Acq: 11 Aug 2022 15:14

Tgt Ion: 95 Resp: 269554
Ion Ratio Lower Upper
95 100
174 92.2 0.0 167.6
176 87.1 0.0 163.4

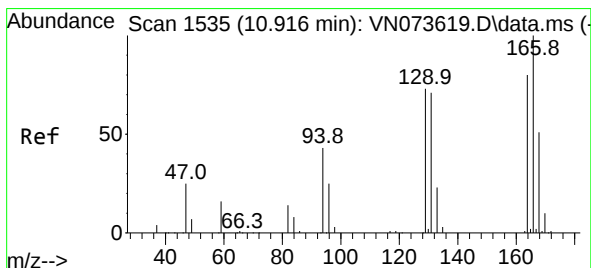
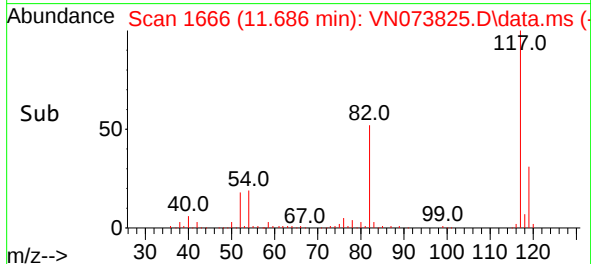
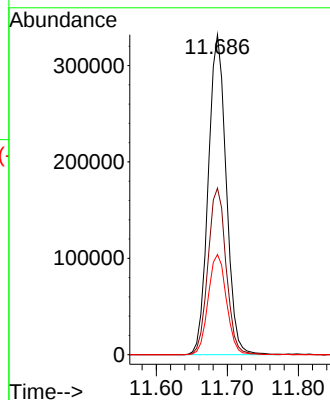
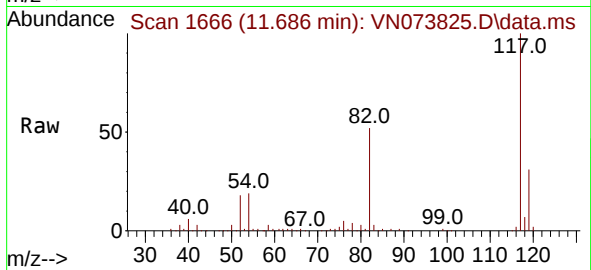




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073825.D
Acq: 11 Aug 2022 15:14

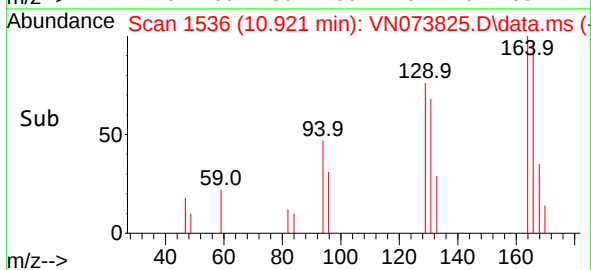
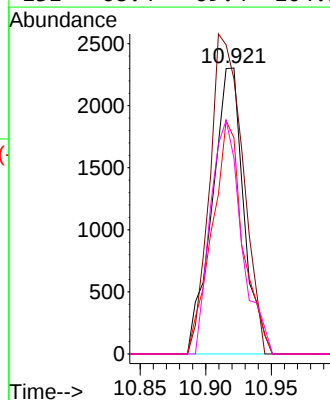
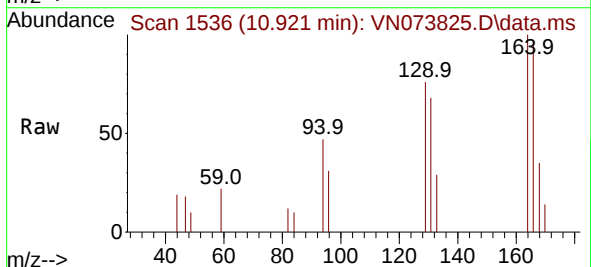
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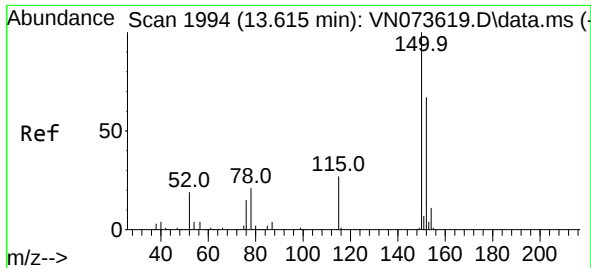
Tgt Ion:117 Resp: 582345
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 0.834 ug/l
RT: 10.921 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VN073825.D
Acq: 11 Aug 2022 15:14

Tgt Ion:164 Resp: 3861
Ion Ratio Lower Upper
164 100
166 96.1 104.2 156.2#
129 75.5 73.9 110.9
131 68.4 69.4 104.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN073825.D

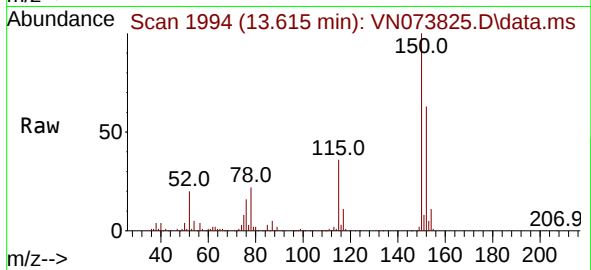
Acq: 11 Aug 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

DUP02-20220809



Tgt Ion:152 Resp: 291305

Ion Ratio Lower Upper

152 100

115 56.3 28.9 86.7

150 156.4 0.0 356.2

