

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073824.D
 Acq On : 11 Aug 2022 14:49
 Operator : JC\MD
 Sample : N4172-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT149S1-20220809

Quant Time: Aug 12 06:02:02 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)

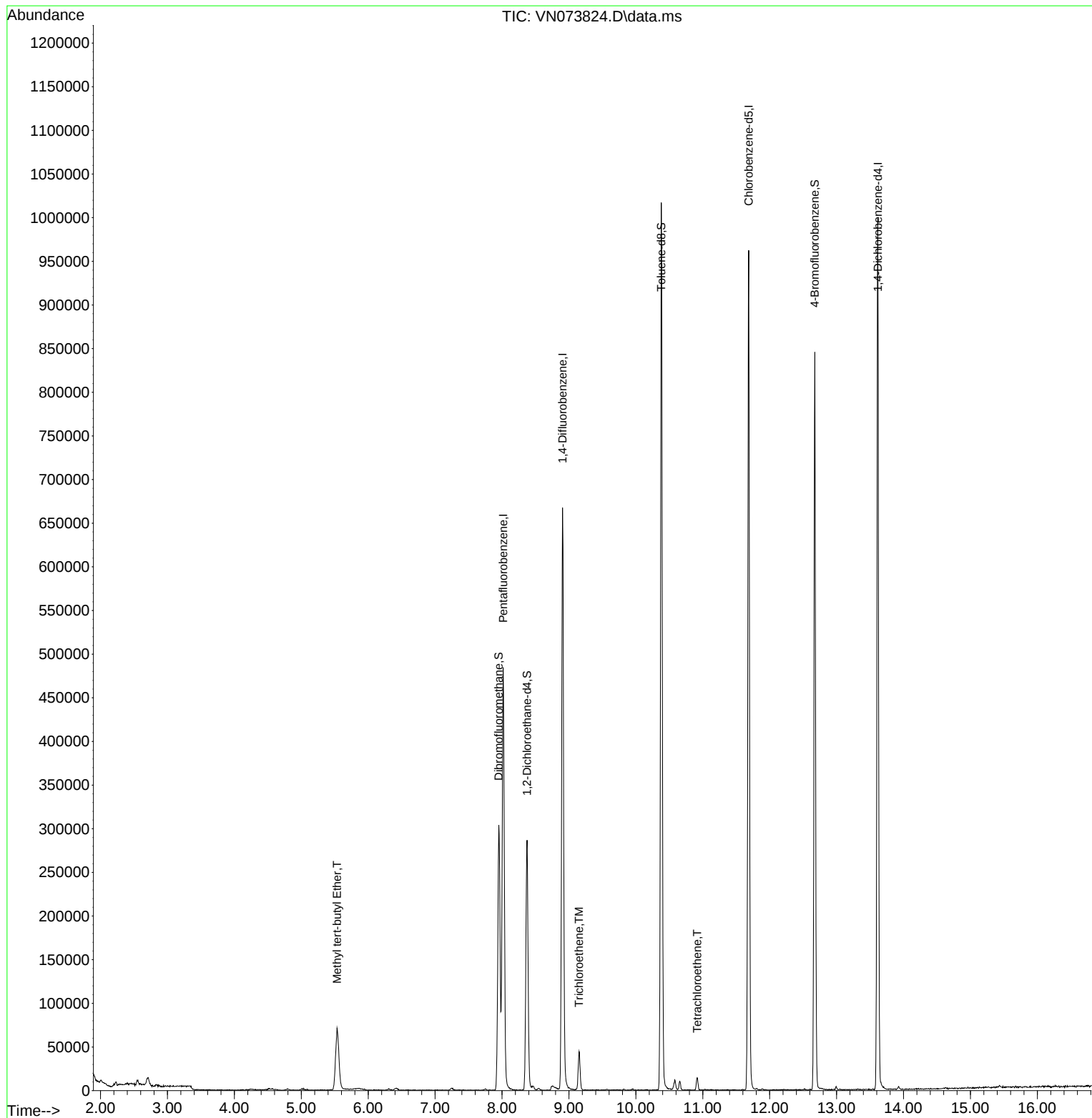
Internal Standards						
1) Pentafluorobenzene	8.016	168	391376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	612547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	585868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	289205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	238970	50.103	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.200%	
35) Dibromofluoromethane	7.951	113	221238	57.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.040%	
50) Toluene-d8	10.381	98	713314	47.127	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.260%	
62) 4-Bromofluorobenzene	12.675	95	266806	50.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.534	73	110295	8.695	ug/l	97
44) Trichloroethene	9.151	130	15870	3.515	ug/l	99
64) Tetrachloroethene	10.916	164	3620	0.777	ug/l #	81

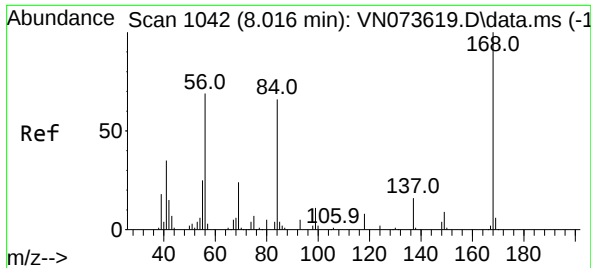
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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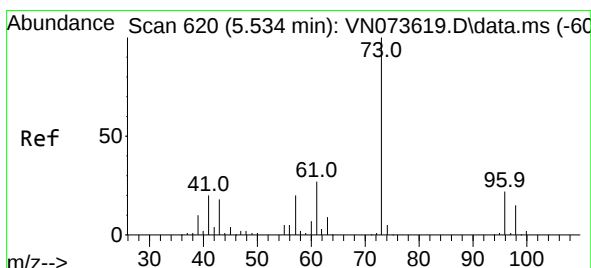
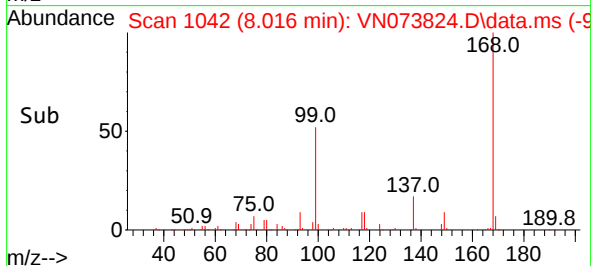
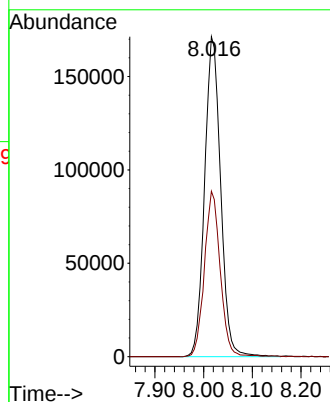
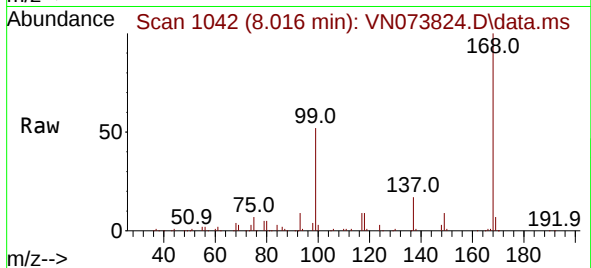




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073824.D
Acq: 11 Aug 2022 14:49

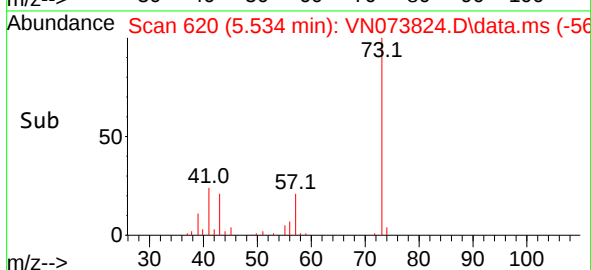
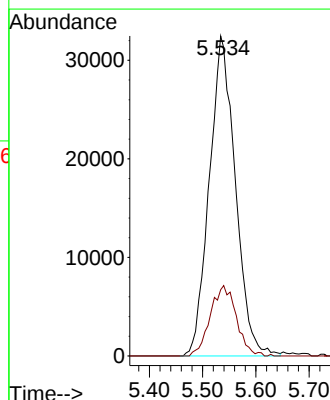
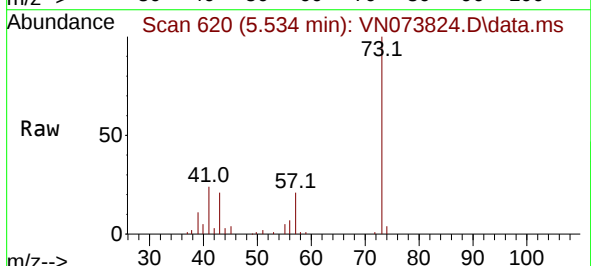
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809

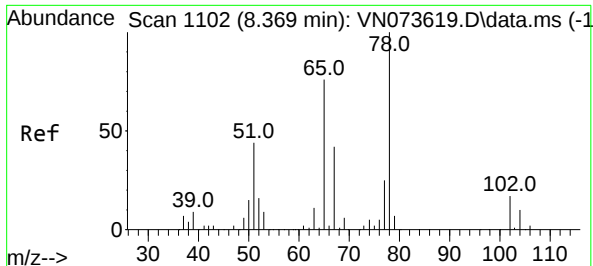
Tgt Ion:168 Resp: 391376
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 8.695 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN073824.D
Acq: 11 Aug 2022 14:49

Tgt Ion: 73 Resp: 110295
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4





#33

1,2-Dichloroethane-d4

Concen: 50.103 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073824.D

Acq: 11 Aug 2022 14:49

Instrument :

MSVOA_N

ClientSampleId :

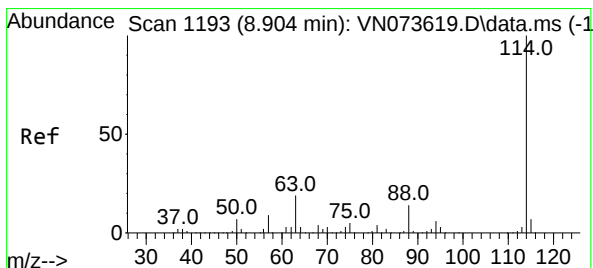
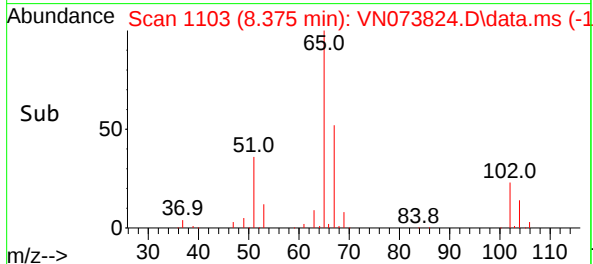
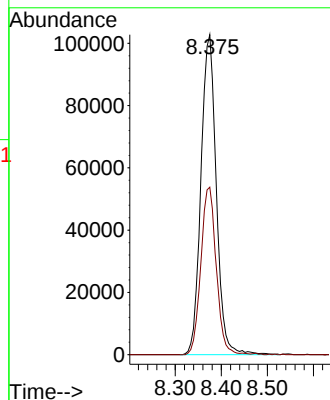
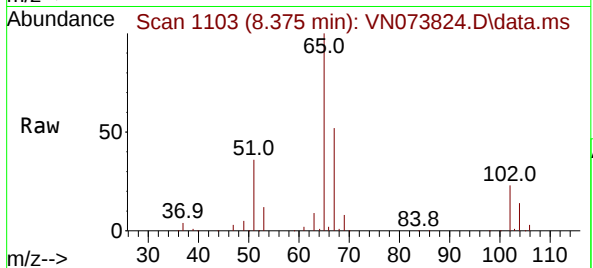
TT149S1-20220809

Tgt Ion: 65 Resp: 238970

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: VN073824.D

Acq: 11 Aug 2022 14:49

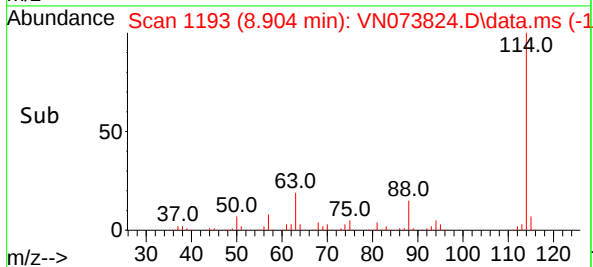
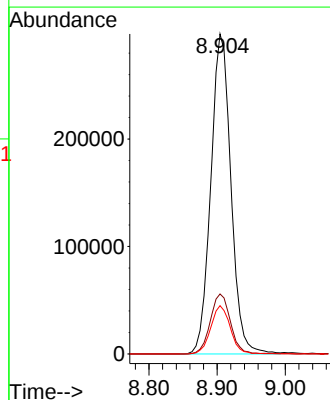
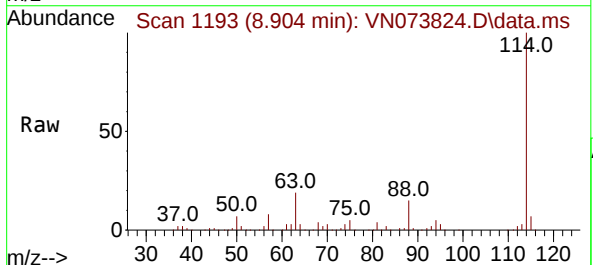
Tgt Ion: 114 Resp: 612547

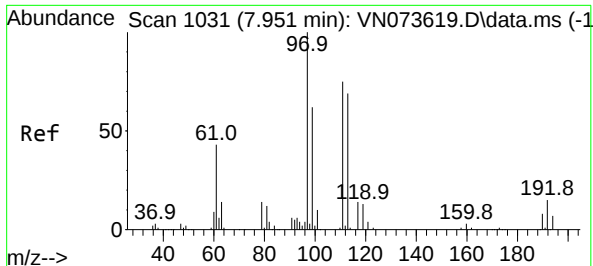
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.1 0.0 32.6

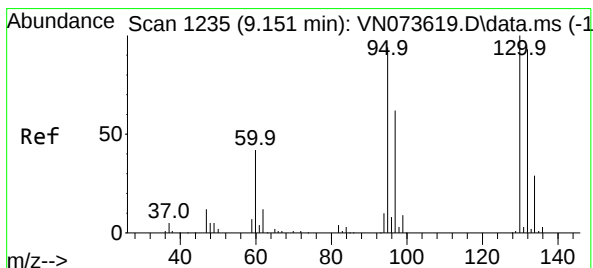
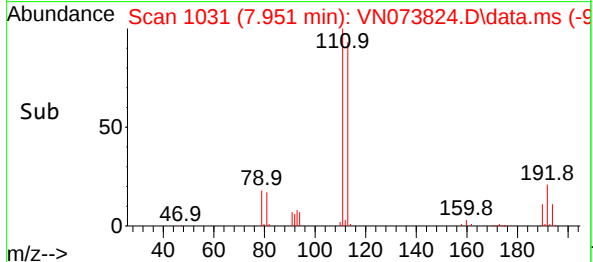
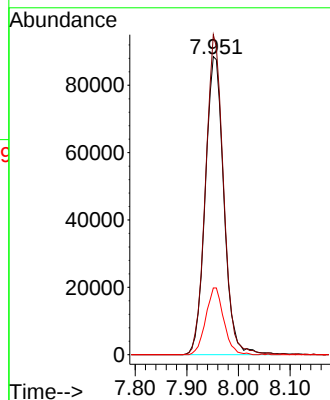
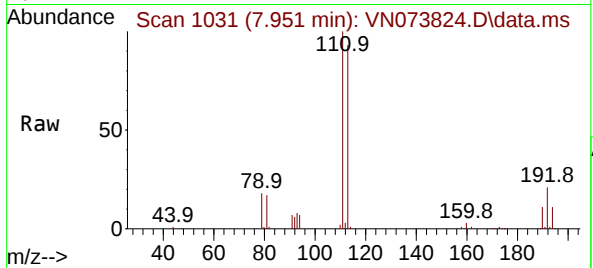




#35
Dibromofluoromethane
Concen: 57.518 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073824.D
Acq: 11 Aug 2022 14:49

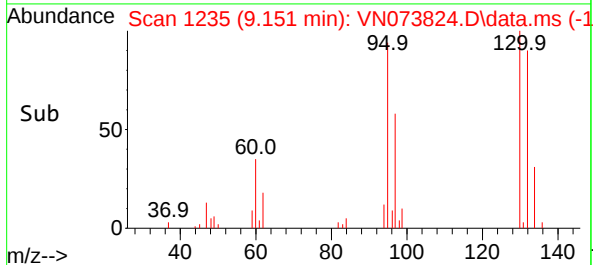
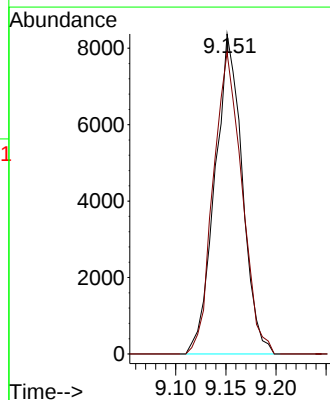
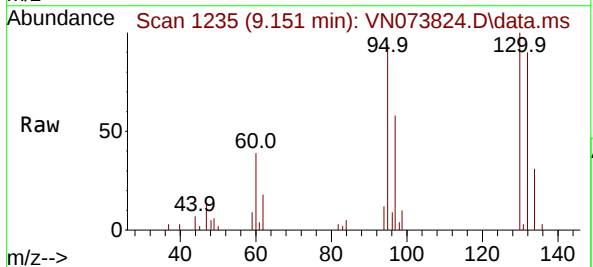
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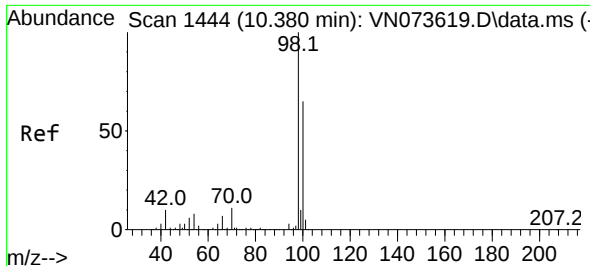
Tgt Ion:113 Resp: 221238
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 21.7 17.0 25.6



#44
Trichloroethene
Concen: 3.515 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073824.D
Acq: 11 Aug 2022 14:49

Tgt Ion:130 Resp: 15870
Ion Ratio Lower Upper
130 100
95 94.2 0.0 186.8

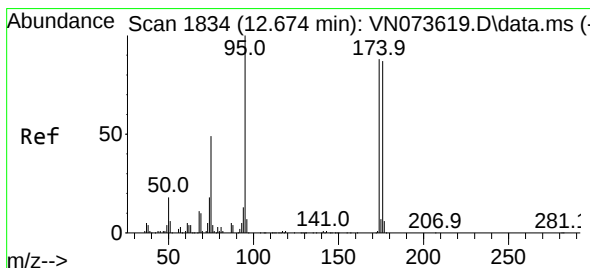
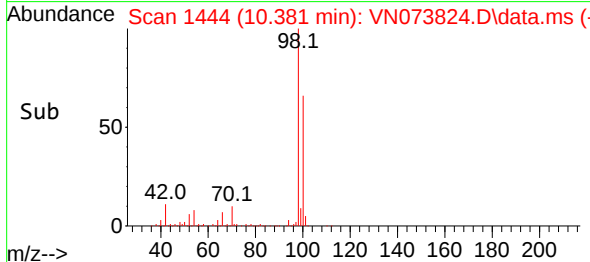
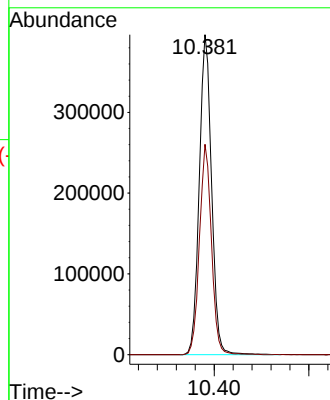
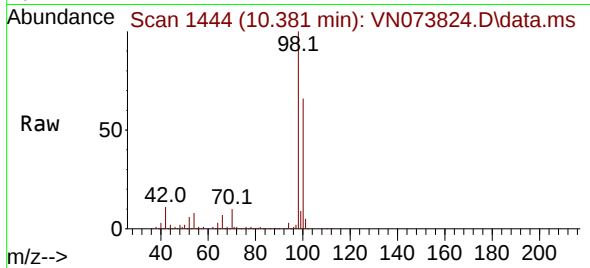




#50
Toluene-d8
Concen: 47.127 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073824.D
Acq: 11 Aug 2022 14:49

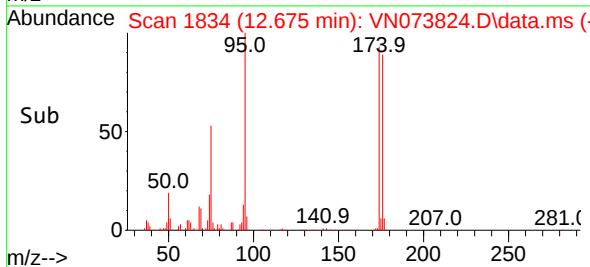
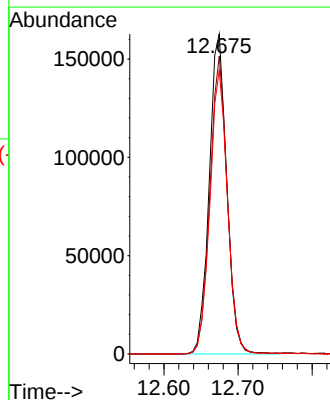
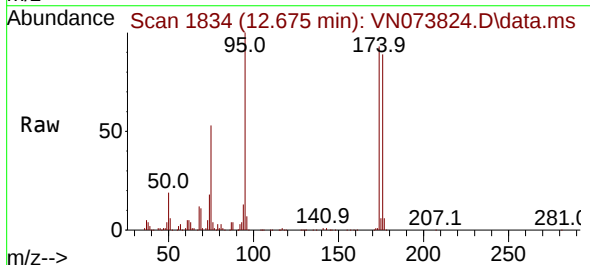
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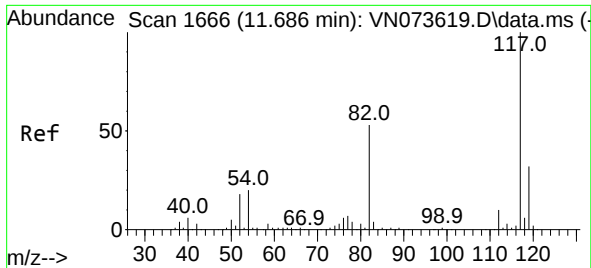
Tgt Ion: 98 Resp: 713314
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.201 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073824.D
Acq: 11 Aug 2022 14:49

Tgt Ion: 95 Resp: 266806
Ion Ratio Lower Upper
95 100
174 92.5 0.0 167.6
176 89.0 0.0 163.4

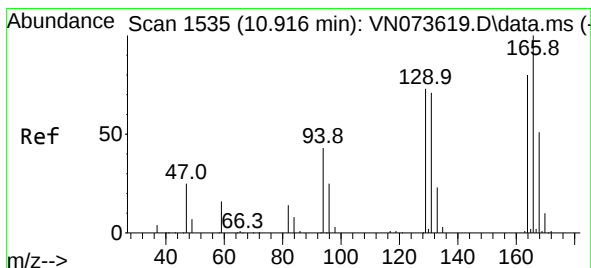
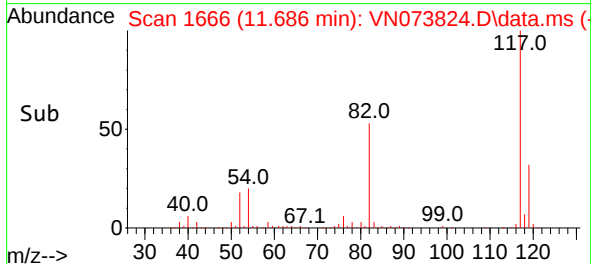
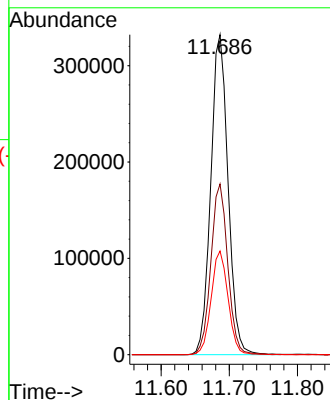
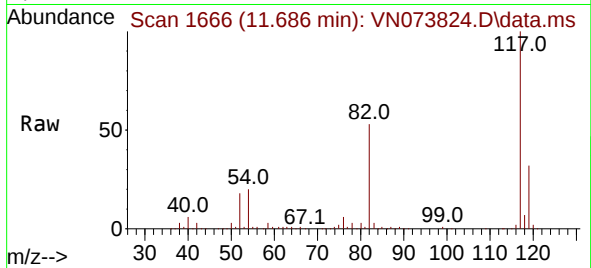




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073824.D
Acq: 11 Aug 2022 14:49

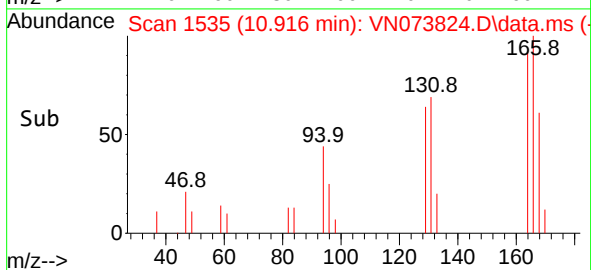
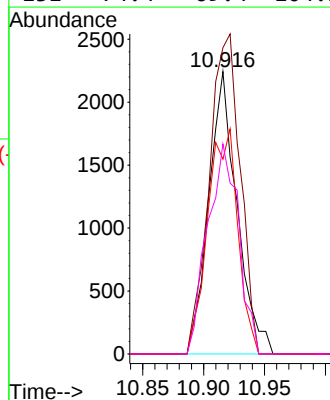
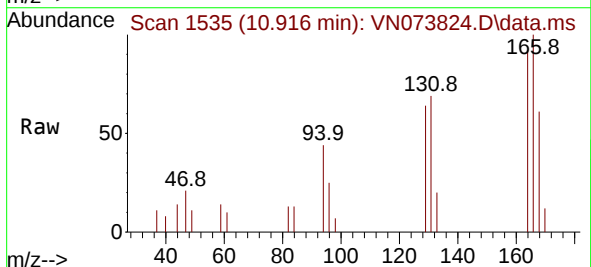
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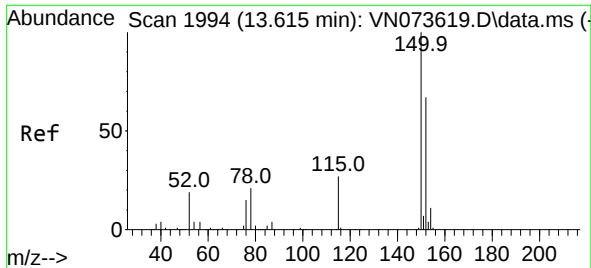
Tgt Ion:117 Resp: 585868
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 0.777 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073824.D
Acq: 11 Aug 2022 14:49

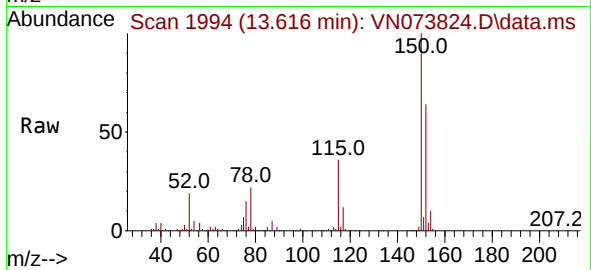
Tgt Ion:164 Resp: 3620
Ion Ratio Lower Upper
164 100
166 108.5 104.2 156.2
129 69.0 73.9 110.9#
131 74.4 69.4 104.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073824.D
 Acq: 11 Aug 2022 14:49

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 289205
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.9 86.7
 150 157.5 0.0 356.2

