

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074464.D
 Acq On : 15 Sep 2022 16:20
 Operator : JC\MD
 Sample : N4471-15DL 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122DL

Quant Time: Sep 20 07:24:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

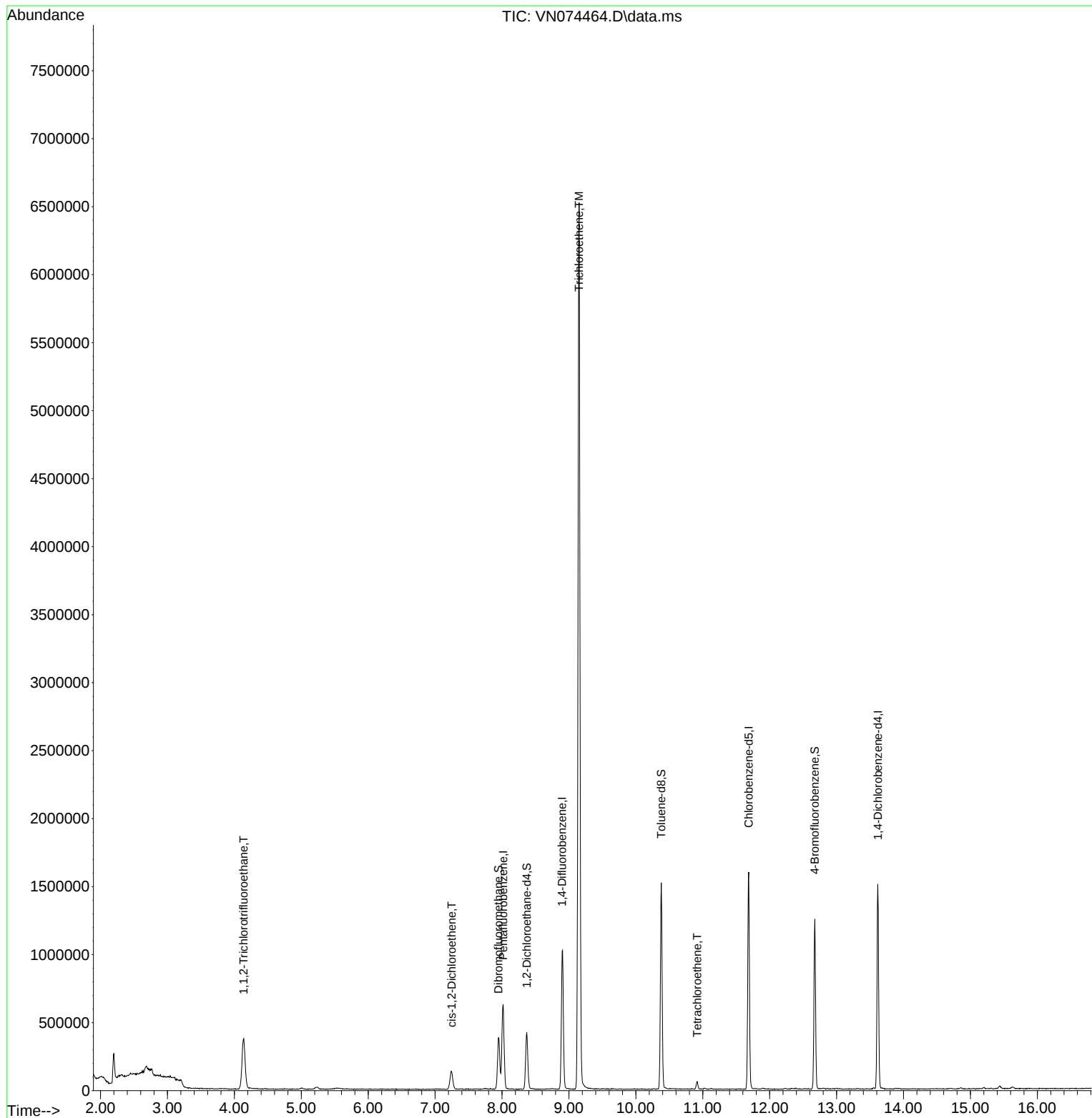
Internal Standards						
1) Pentafluorobenzene	8.016	168	449470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.899	114	871349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	854896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	363118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	323217	42.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.760%		
35) Dibromofluoromethane	7.946	113	273323	47.221	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.440%		
50) Toluene-d8	10.381	98	994158	44.411	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.820%		
62) 4-Bromofluorobenzene	12.675	95	403101	52.577	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.160%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.140	101	247574	41.155	ug/l	90
27) cis-1,2-Dichloroethene	7.246	96	58760	7.060	ug/l	100
44) Trichloroethene	9.151	130	2175338	317.318	ug/l	86
64) Tetrachloroethene	10.916	164	10970	1.870	ug/l #	90

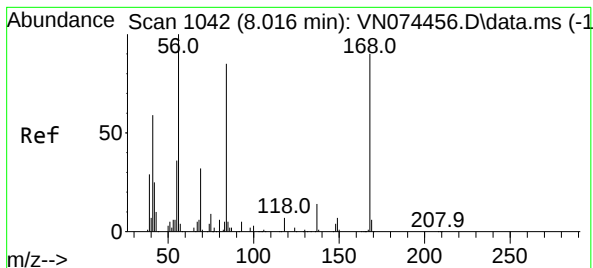
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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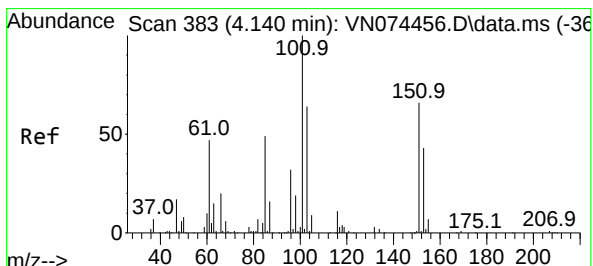
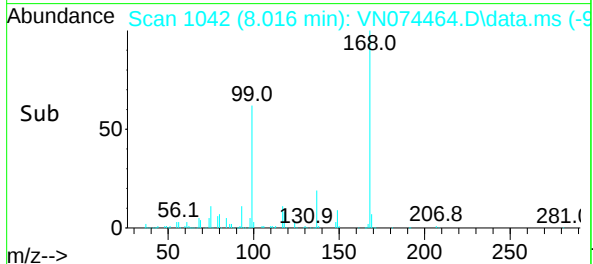
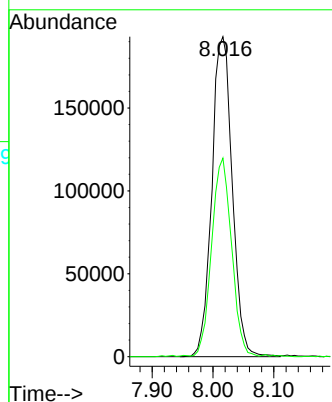
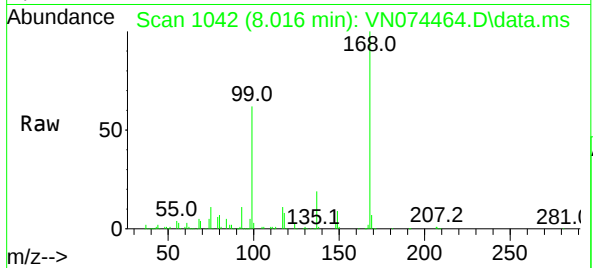




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074464.D
Acq: 15 Sep 2022 16:20

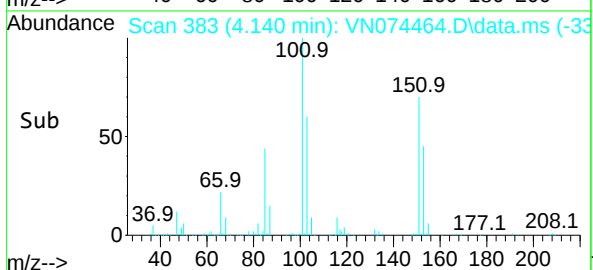
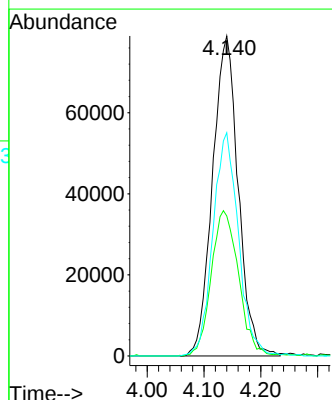
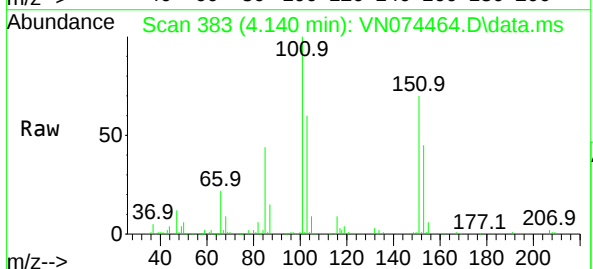
Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122DL

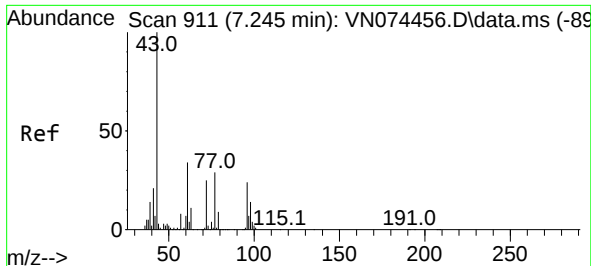
Tgt Ion:168 Resp: 449470
Ion Ratio Lower Upper
168 100
99 61.9 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.155 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN074464.D
Acq: 15 Sep 2022 16:20

Tgt Ion:101 Resp: 247574
Ion Ratio Lower Upper
101 100
85 48.6 34.7 52.1
151 69.6 63.0 94.4

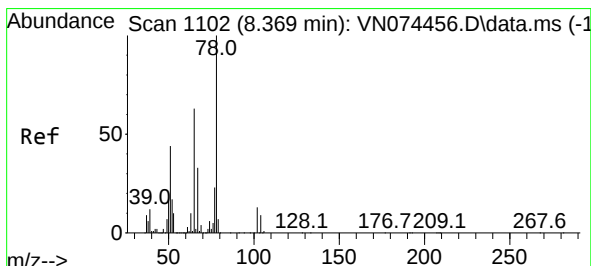
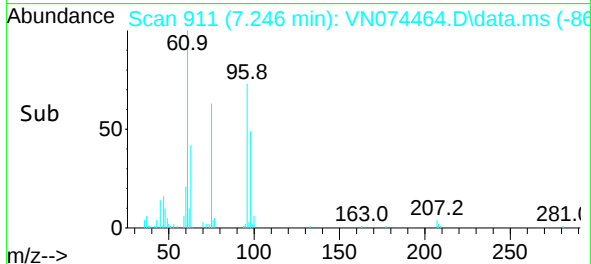
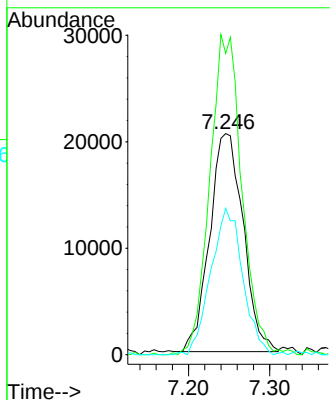
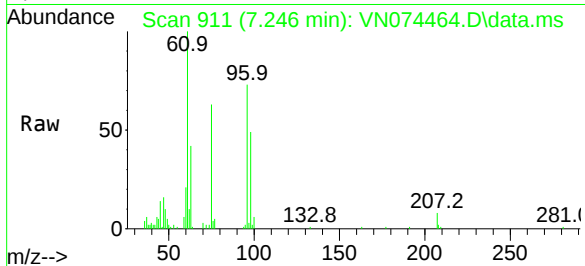




#27
 cis-1,2-Dichloroethene
 Concen: 7.060 ug/l
 RT: 7.246 min Scan# 911
 Delta R.T. 0.001 min
 Lab File: VN074464.D
 Acq: 15 Sep 2022 16:20

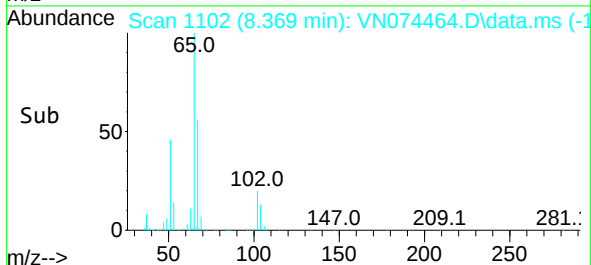
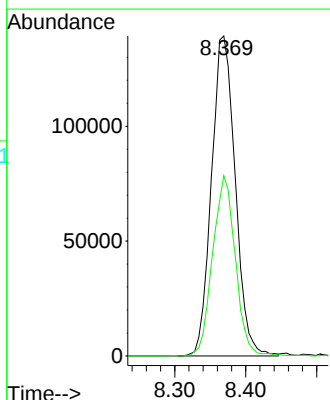
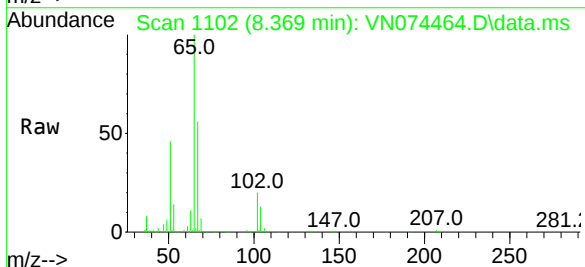
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-1.5-11.5-083122DL

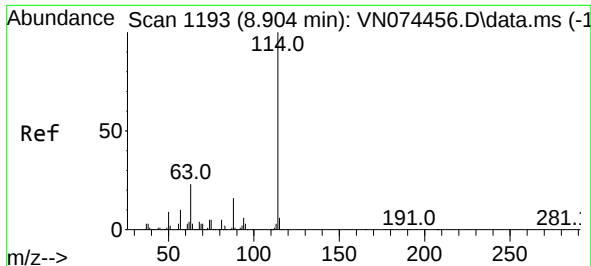
Tgt Ion: 96 Resp: 58760
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 280.6
 98 64.0 0.0 128.4



#33
 1,2-Dichloroethane-d4
 Concen: 42.382 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN074464.D
 Acq: 15 Sep 2022 16:20

Tgt Ion: 65 Resp: 323217
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.8

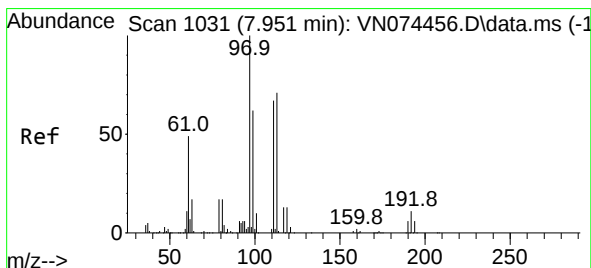
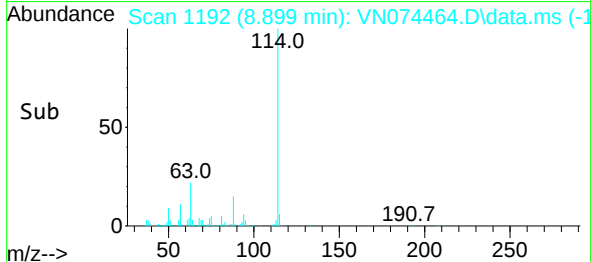
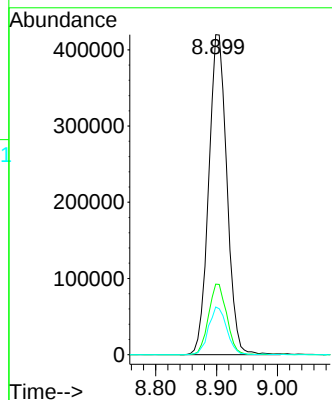
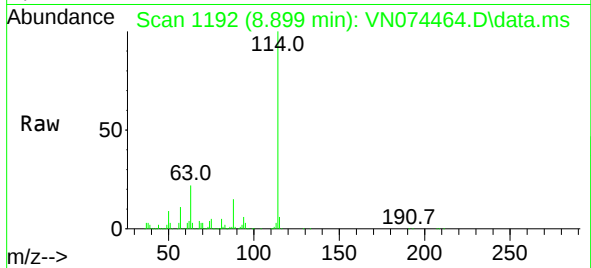




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.899 min Scan# 1192
Delta R.T. -0.005 min
Lab File: VN074464.D
Acq: 15 Sep 2022 16:20

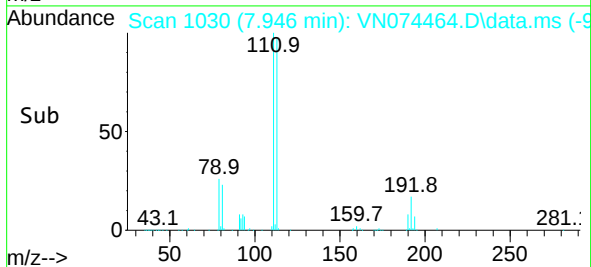
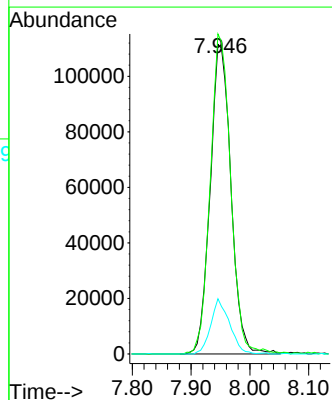
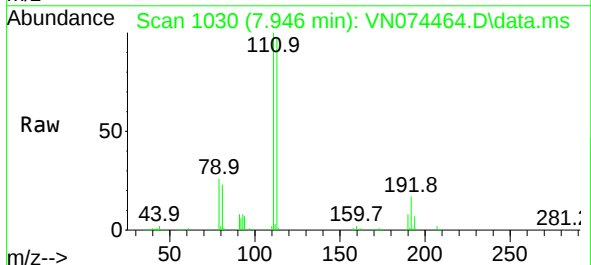
Instrument : MSVOA_N
ClientSampleId : MW-06-1.5-11.5-083122DL

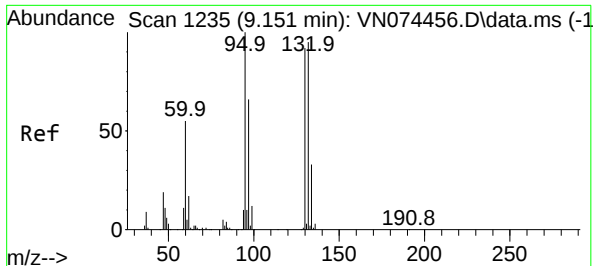
Tgt Ion:114 Resp: 871349
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.0
88 14.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.221 ug/l
RT: 7.946 min Scan# 1030
Delta R.T. -0.005 min
Lab File: VN074464.D
Acq: 15 Sep 2022 16:20

Tgt Ion:113 Resp: 273323
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 16.1 17.0 25.6#





#44

Trichloroethene

Concen: 317.318 ug/l

RT: 9.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074464.D

Acq: 15 Sep 2022 16:20

Instrument :

MSVOA_N

ClientSampleId :

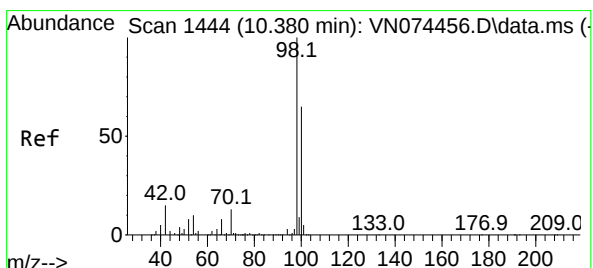
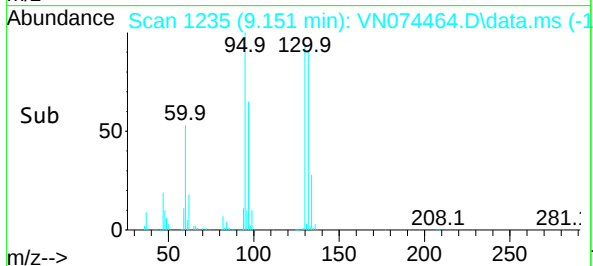
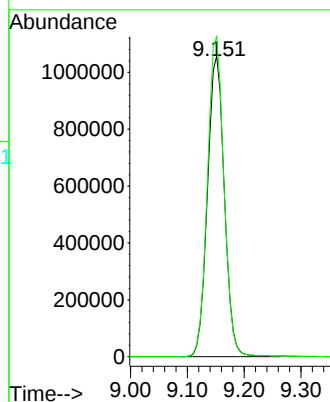
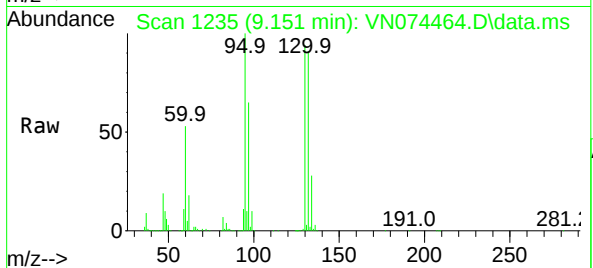
MW-06-1.5-11.5-083122DL

Tgt Ion:130 Resp: 2175338

Ion Ratio Lower Upper

130 100

95 106.4 0.0 186.8



#50

Toluene-d8

Concen: 44.411 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.001 min

Lab File: VN074464.D

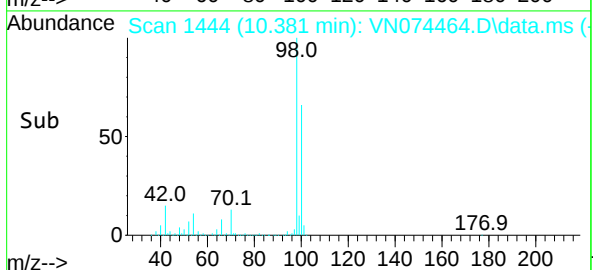
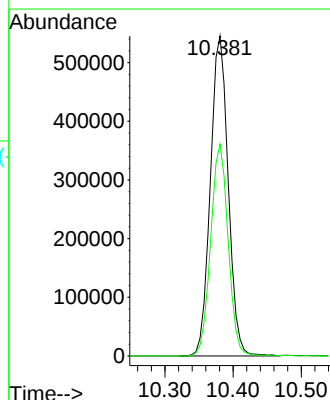
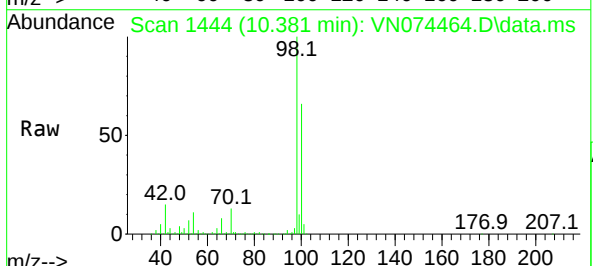
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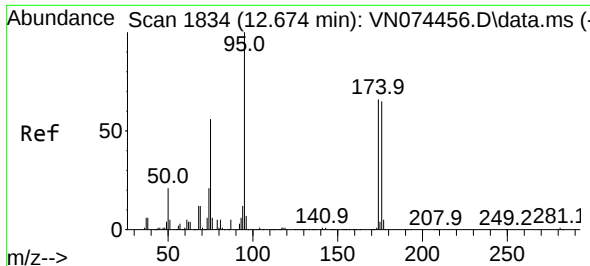
Tgt Ion: 98 Resp: 994158

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

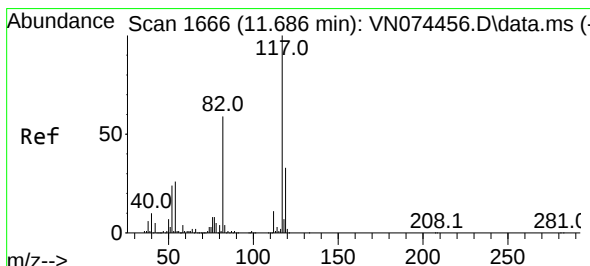
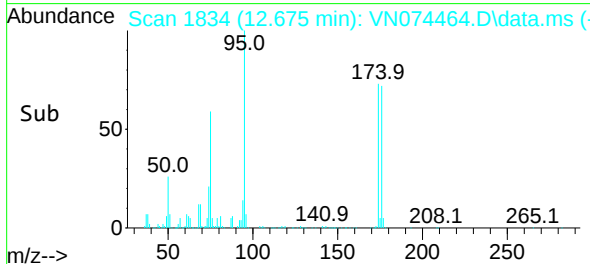
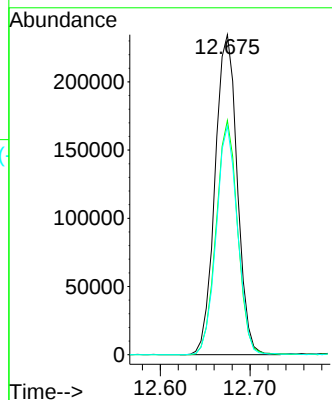
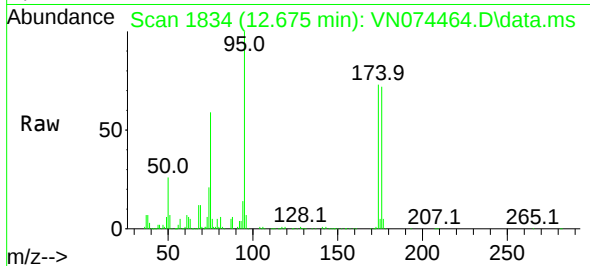




#62
4-Bromofluorobenzene
Concen: 52.577 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074464.D
Acq: 15 Sep 2022 16:20

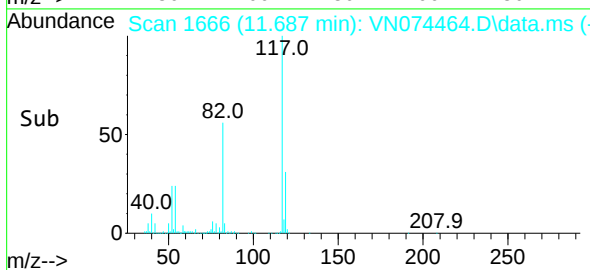
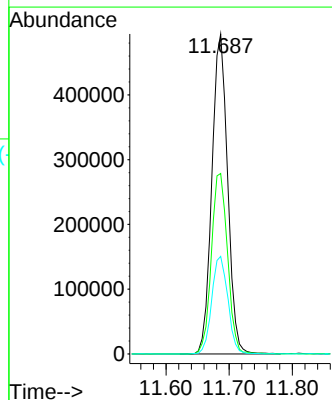
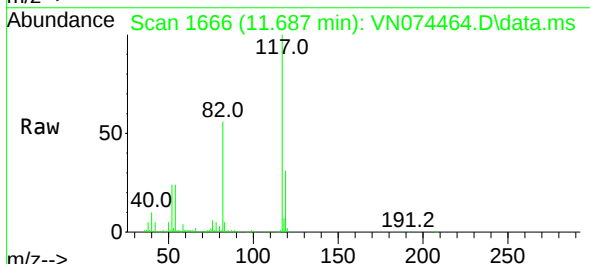
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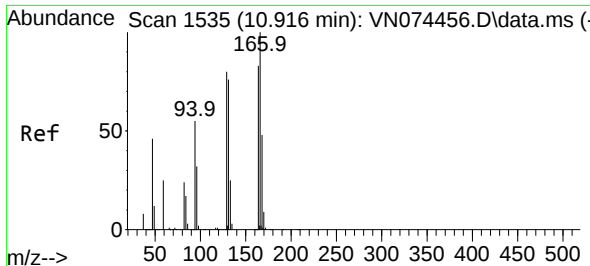
Tgt Ion: 95 Resp: 403101
Ion Ratio Lower Upper
95 100
174 70.6 0.0 167.6
176 68.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 1666
Delta R.T. 0.001 min
Lab File: VN074464.D
Acq: 15 Sep 2022 16:20

Tgt Ion: 117 Resp: 854896
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 30.5 25.4 38.0

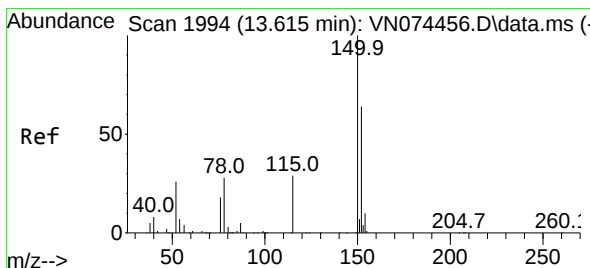
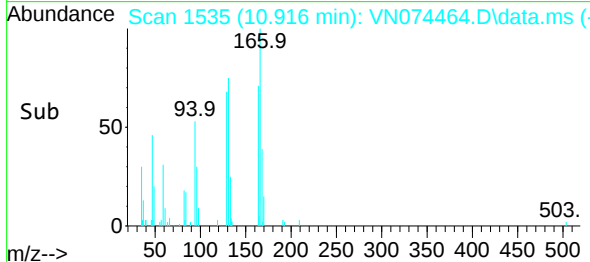
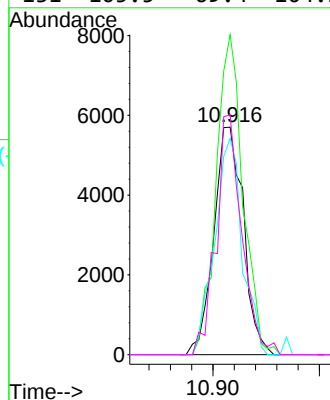
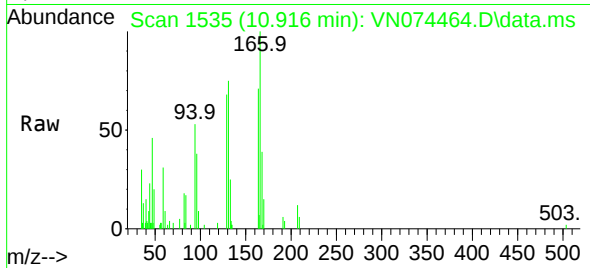




#64
Tetrachloroethene
Concen: 1.870 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074464.D
Acq: 15 Sep 2022 16:20

Instrument :
MSVOA_N
ClientSampleId :
MW-06-1.5-11.5-083122DL

Tgt Ion:164 Resp: 10970
Ion Ratio Lower Upper
164 100
166 140.7 104.2 156.2
129 95.0 73.9 110.9
131 105.5 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074464.D
Acq: 15 Sep 2022 16:20

Tgt Ion:152 Resp: 363118
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 156.7 0.0 356.2

