

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074124.D
 Acq On : 25 Aug 2022 19:17
 Operator : JC\MD
 Sample : N4280-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20220818

Quant Time: Aug 26 02:05:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

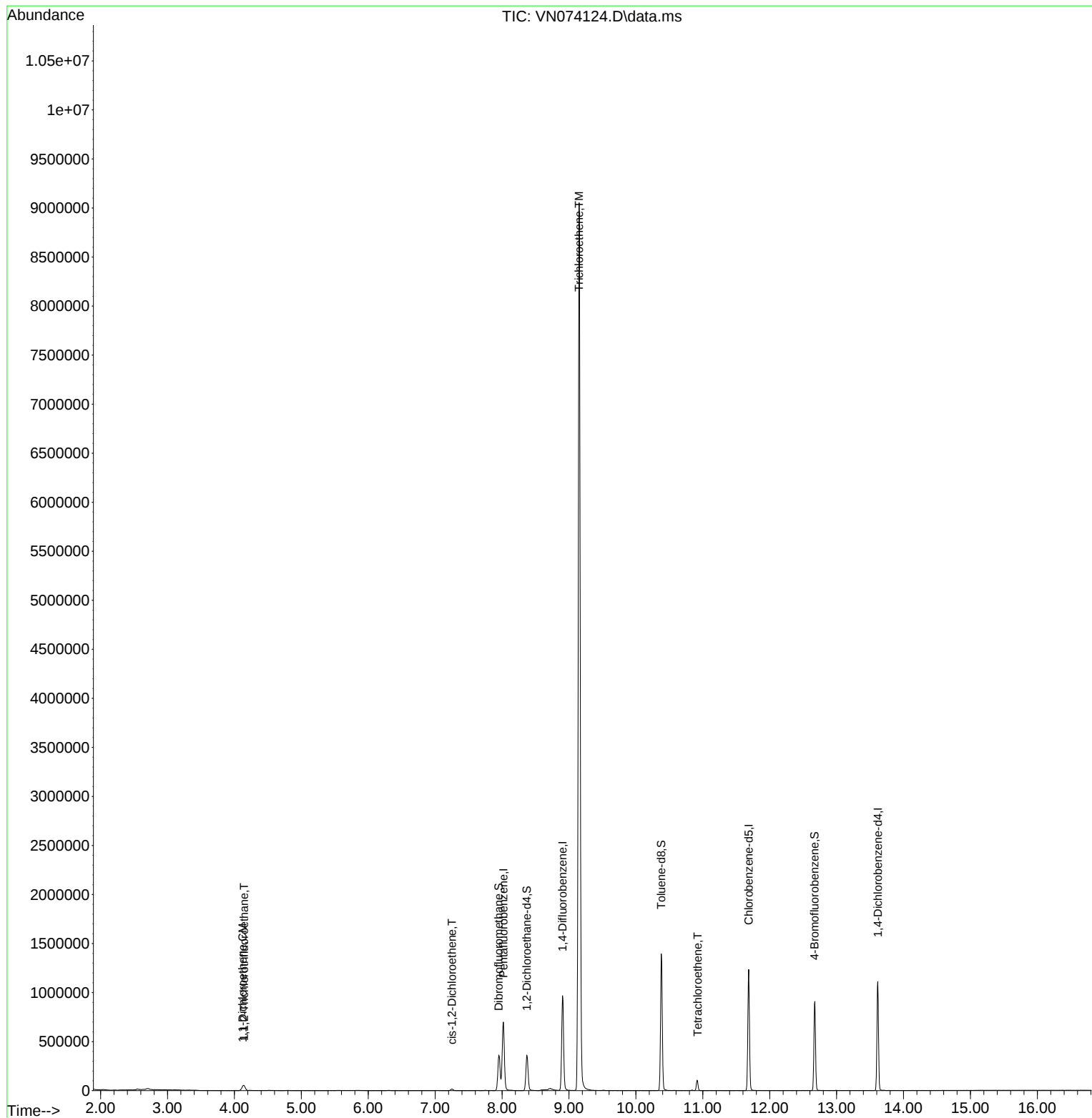
Internal Standards						
1) Pentafluorobenzene	8.022	168	585675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	898754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	753582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	327938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	306712	53.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.540%	
35) Dibromofluoromethane	7.951	113	270925	50.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.940%	
50) Toluene-d8	10.380	98	1005187	48.831	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.660%	
62) 4-Bromofluorobenzene	12.668	95	310615	45.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.940%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.145	101	32074	6.456	ug/l	96
12) 1,1-Dichloroethene	4.122	96	8399	1.817	ug/l #	78
27) cis-1,2-Dichloroethene	7.251	96	11012	1.753	ug/l	81
44) Trichloroethene	9.151	130	3541780	526.279	ug/l	99
64) Tetrachloroethene	10.921	164	26381	4.435	ug/l	92

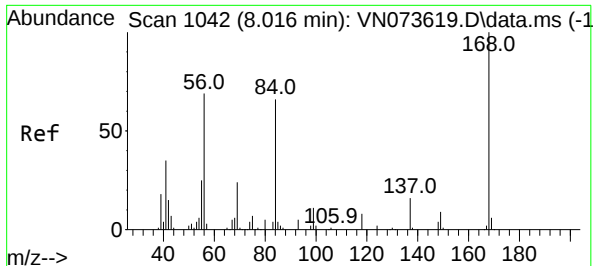
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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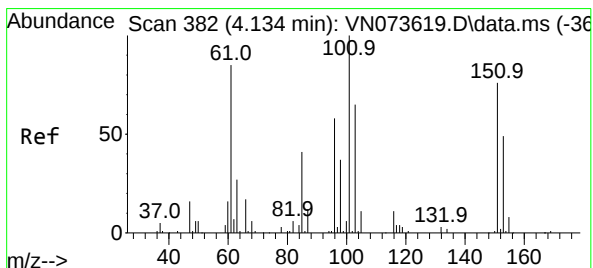
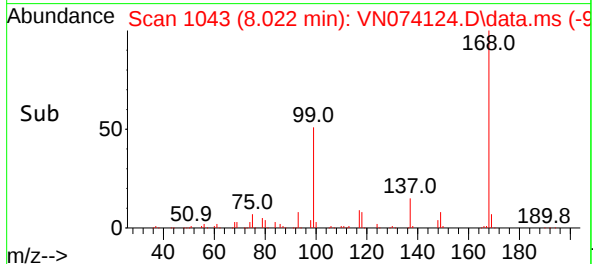
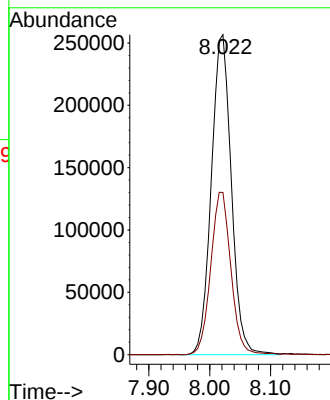
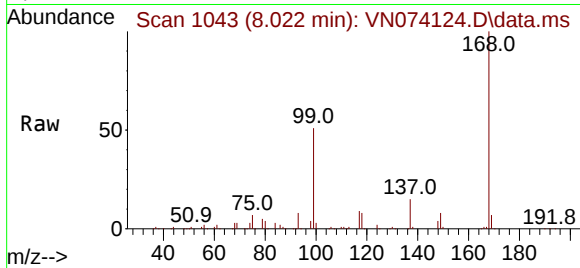




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074124.D
Acq: 25 Aug 2022 19:17

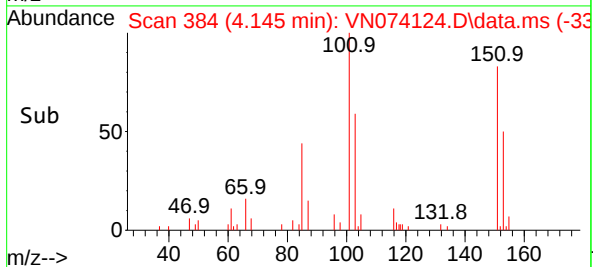
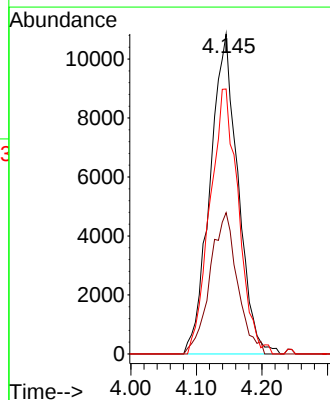
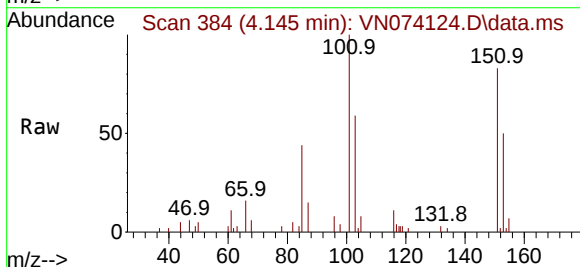
Instrument :
MSVOA_N
ClientSampleId :
RE103D1-20220818

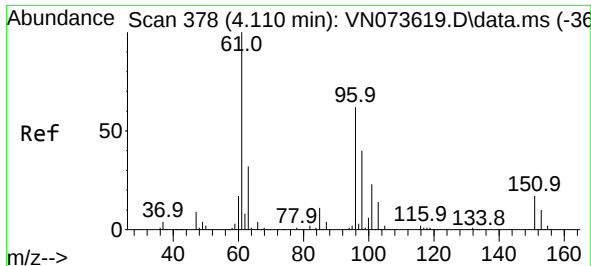
Tgt Ion:168 Resp: 585675
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.456 ug/l
RT: 4.145 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN074124.D
Acq: 25 Aug 2022 19:17

Tgt Ion:101 Resp: 32074
Ion Ratio Lower Upper
101 100
85 43.5 34.7 52.1
151 84.5 63.0 94.4





#12

1,1-Dichloroethene

Concen: 1.817 ug/l

RT: 4.122 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN074124.D

Acq: 25 Aug 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

RE103D1-20220818

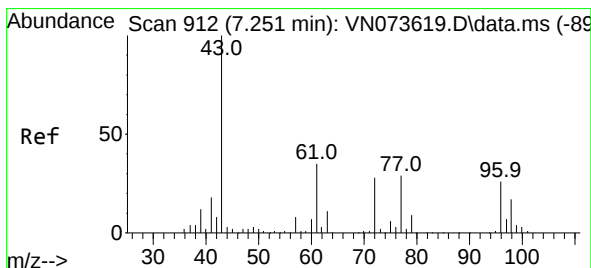
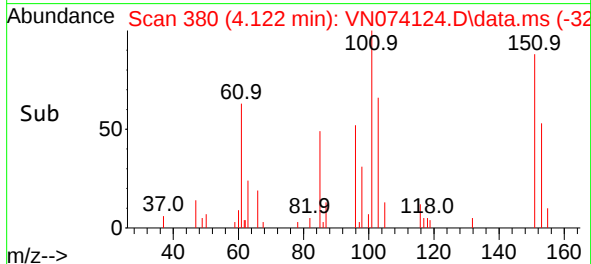
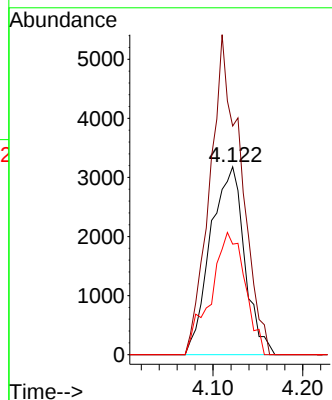
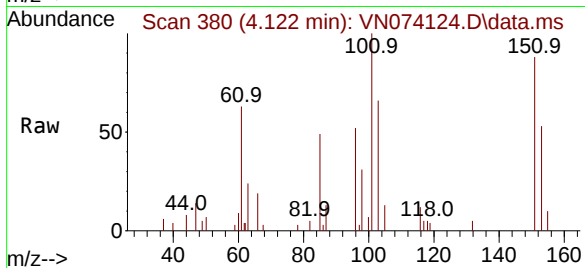
Tgt Ion: 96 Resp: 8399

Ion Ratio Lower Upper

96 100

61 121.7 127.6 191.4#

98 58.9 51.2 76.8



#27

cis-1,2-Dichloroethene

Concen: 1.753 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: VN074124.D

Acq: 25 Aug 2022 19:17

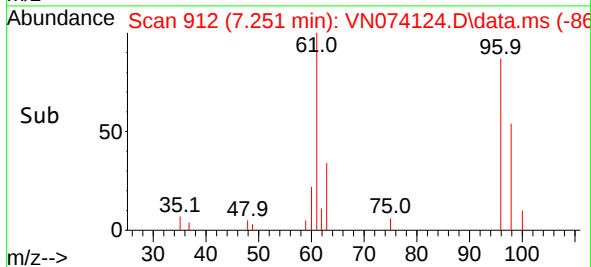
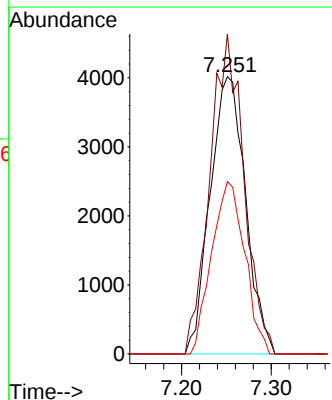
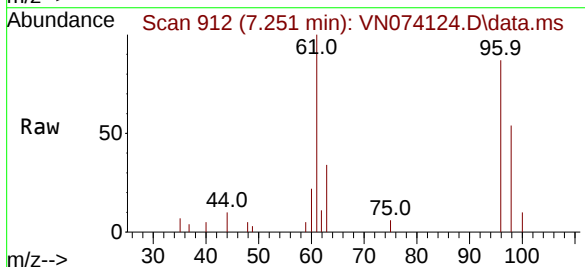
Tgt Ion: 96 Resp: 11012

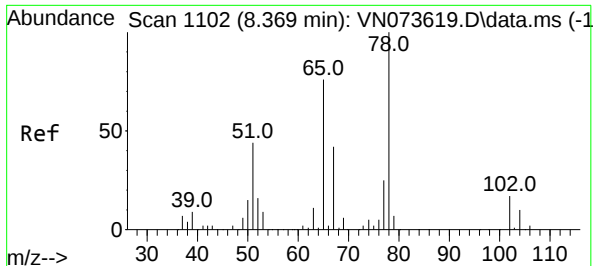
Ion Ratio Lower Upper

96 100

61 110.6 0.0 280.6

98 58.2 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 53.767 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074124.D

Acq: 25 Aug 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

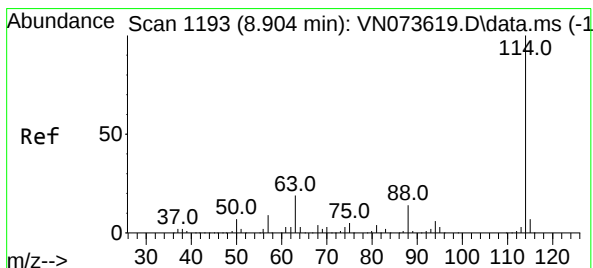
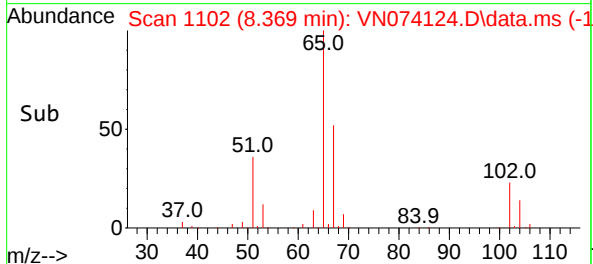
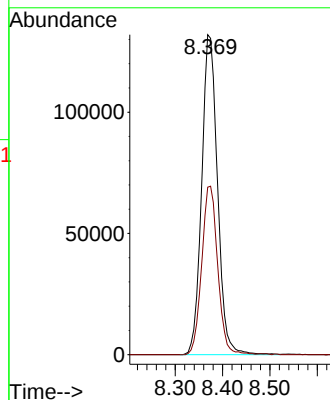
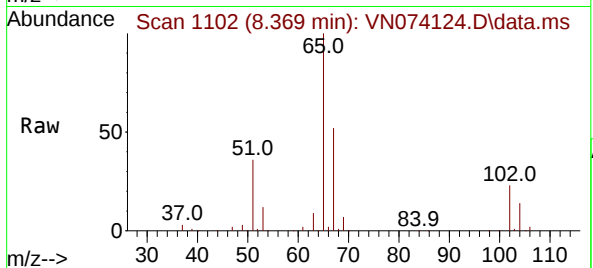
RE103D1-20220818

Tgt Ion: 65 Resp: 306712

Ion Ratio Lower Upper

65 100

67 53.1 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: VN074124.D

Acq: 25 Aug 2022 19:17

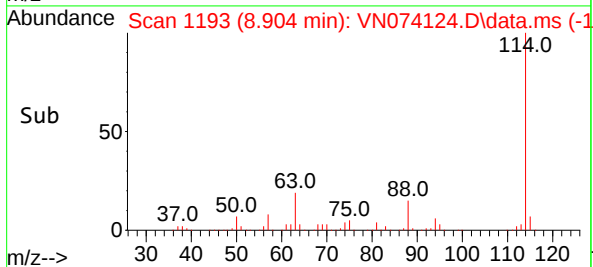
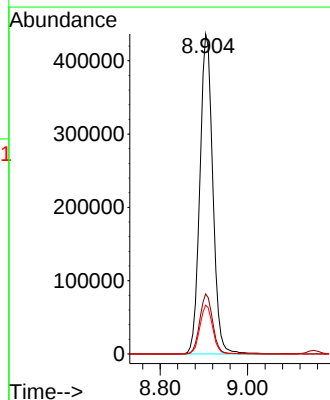
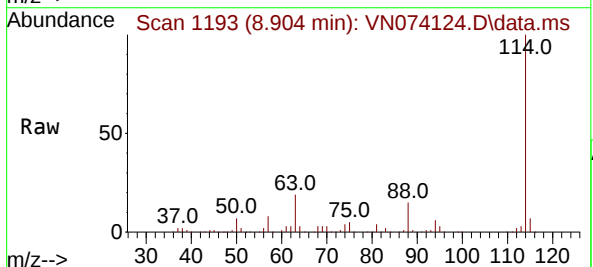
Tgt Ion: 114 Resp: 898754

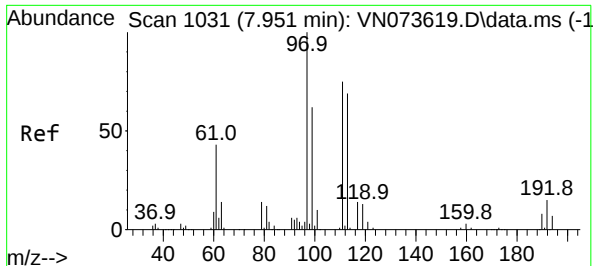
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.972 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074124.D

Acq: 25 Aug 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

RE103D1-20220818

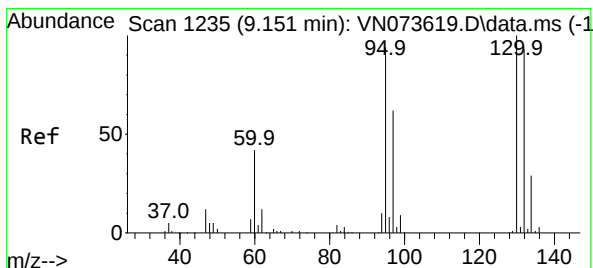
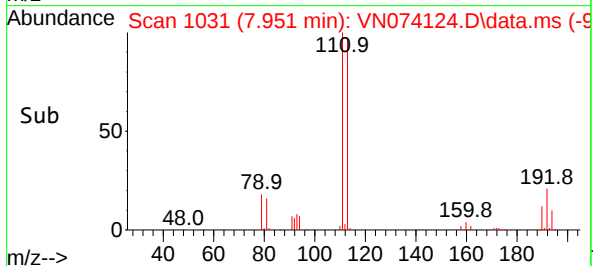
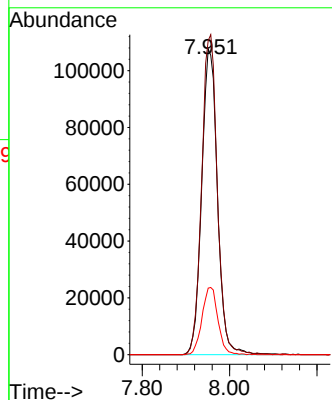
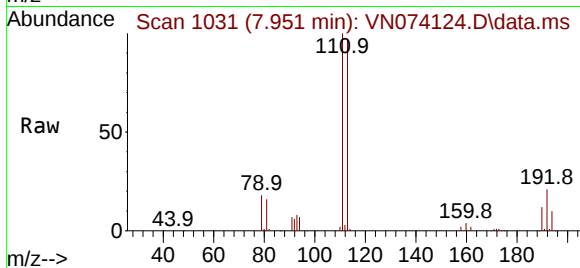
Tgt Ion:113 Resp: 270925

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 22.1 17.0 25.6



#44

Trichloroethene

Concen: 526.279 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VN074124.D

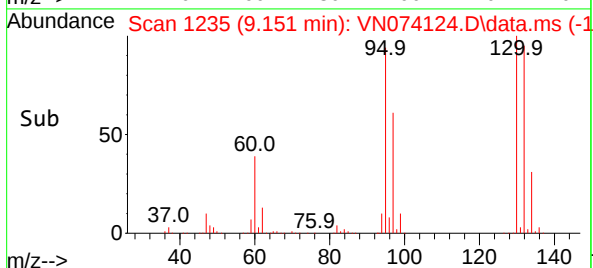
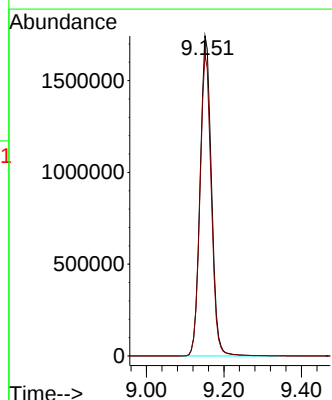
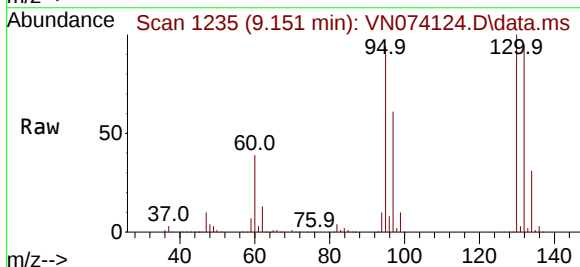
Acq: 25 Aug 2022 19:17

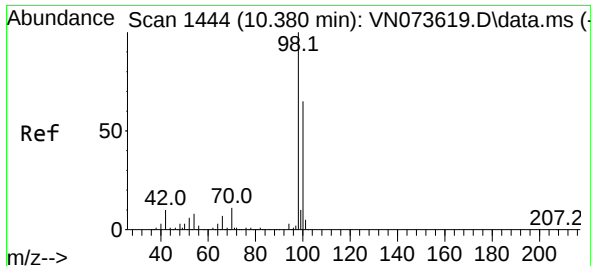
Tgt Ion:130 Resp: 3541780

Ion Ratio Lower Upper

130 100

95 94.3 0.0 186.8

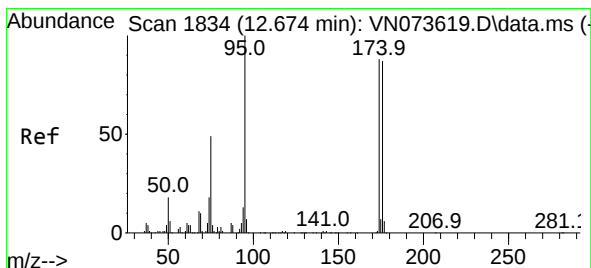
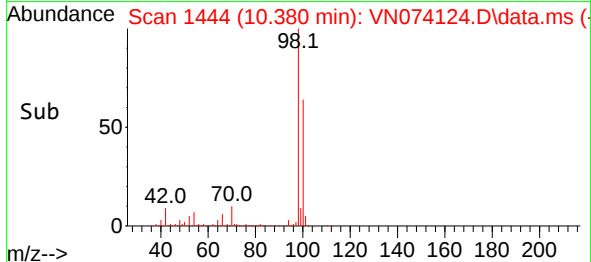
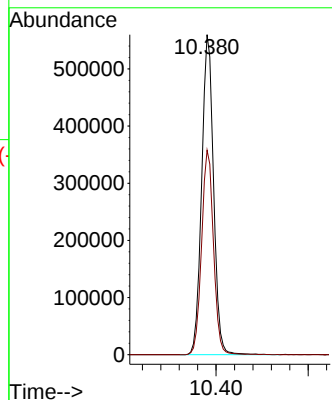
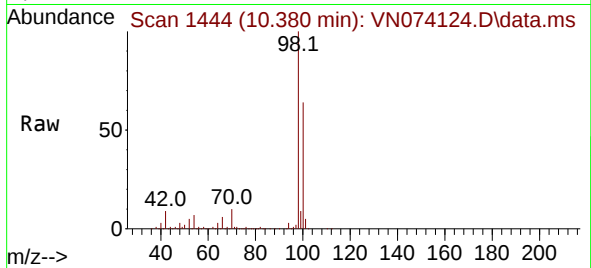




#50
Toluene-d8
Concen: 48.831 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074124.D
Acq: 25 Aug 2022 19:17

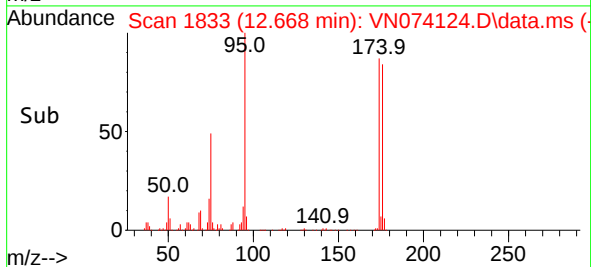
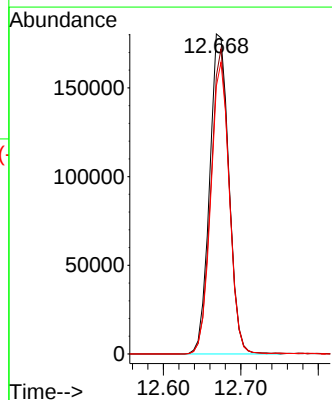
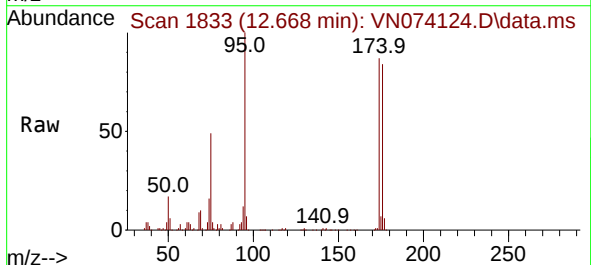
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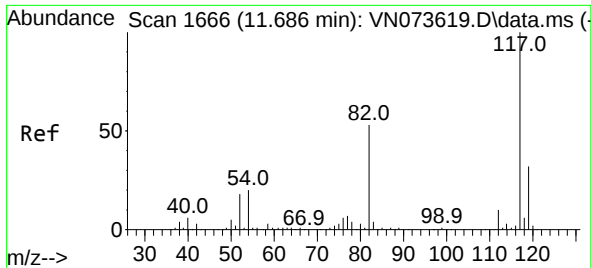
Tgt Ion: 98 Resp: 1005187
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.466 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074124.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 95 Resp: 310615
Ion Ratio Lower Upper
95 100
174 91.4 0.0 167.6
176 88.0 0.0 163.4

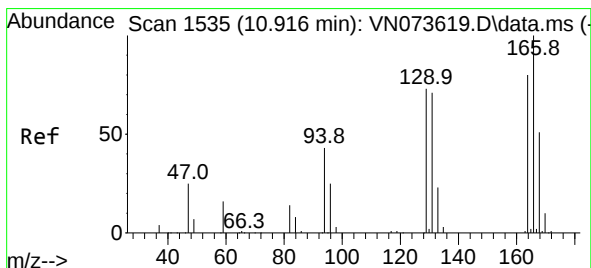
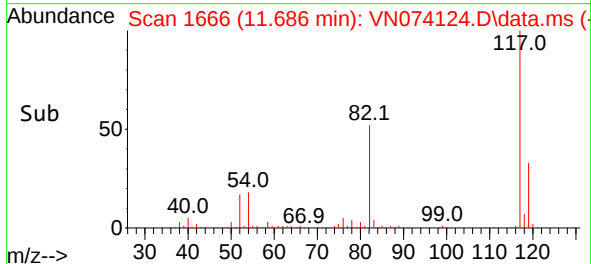
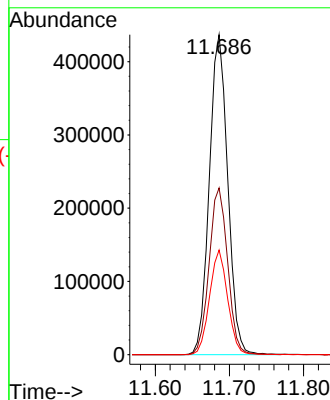
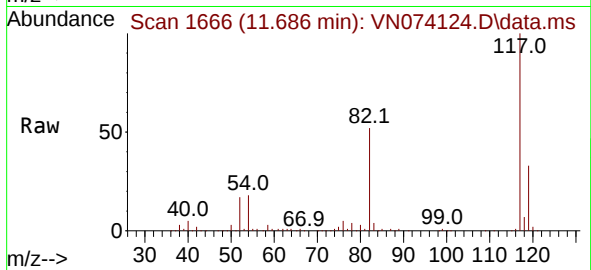




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074124.D
Acq: 25 Aug 2022 19:17

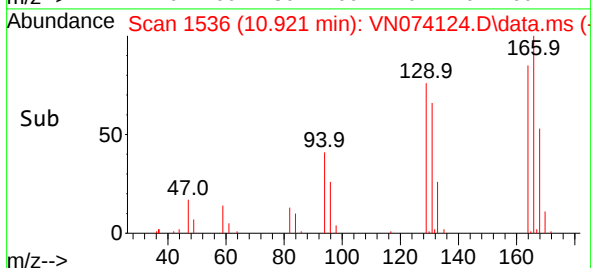
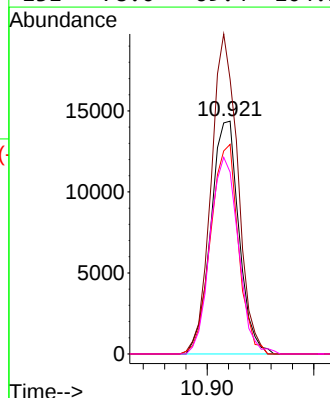
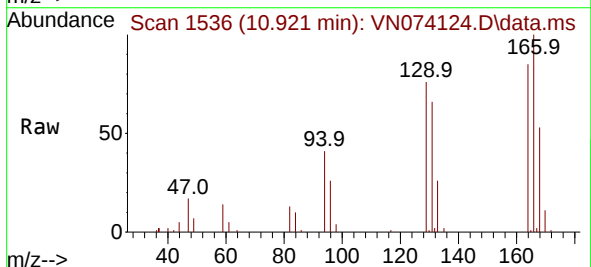
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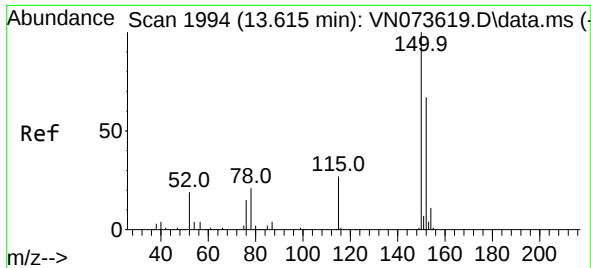
Tgt Ion:117 Resp: 753582
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 4.435 ug/l
RT: 10.921 min Scan# 1536
Delta R.T. 0.005 min
Lab File: VN074124.D
Acq: 25 Aug 2022 19:17

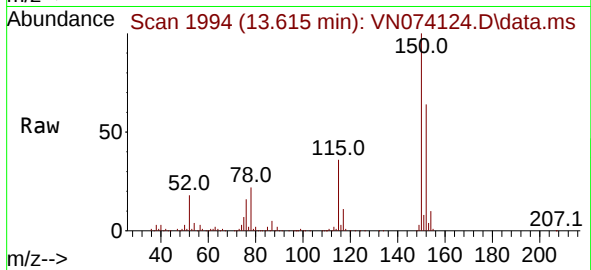
Tgt Ion:164 Resp: 26381
Ion Ratio Lower Upper
164 100
166 117.9 104.2 156.2
129 90.0 73.9 110.9
131 78.0 69.4 104.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074124.D
 Acq: 25 Aug 2022 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D1-20220818



Tgt Ion:152 Resp: 327938

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.9	86.7
150	156.6	0.0	356.2

