

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074560.D
 Acq On : 17 Sep 2022 16:53
 Operator : JC\MD
 Sample : N4688-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-TB-20220914

Quant Time: Sep 19 02:56:52 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)

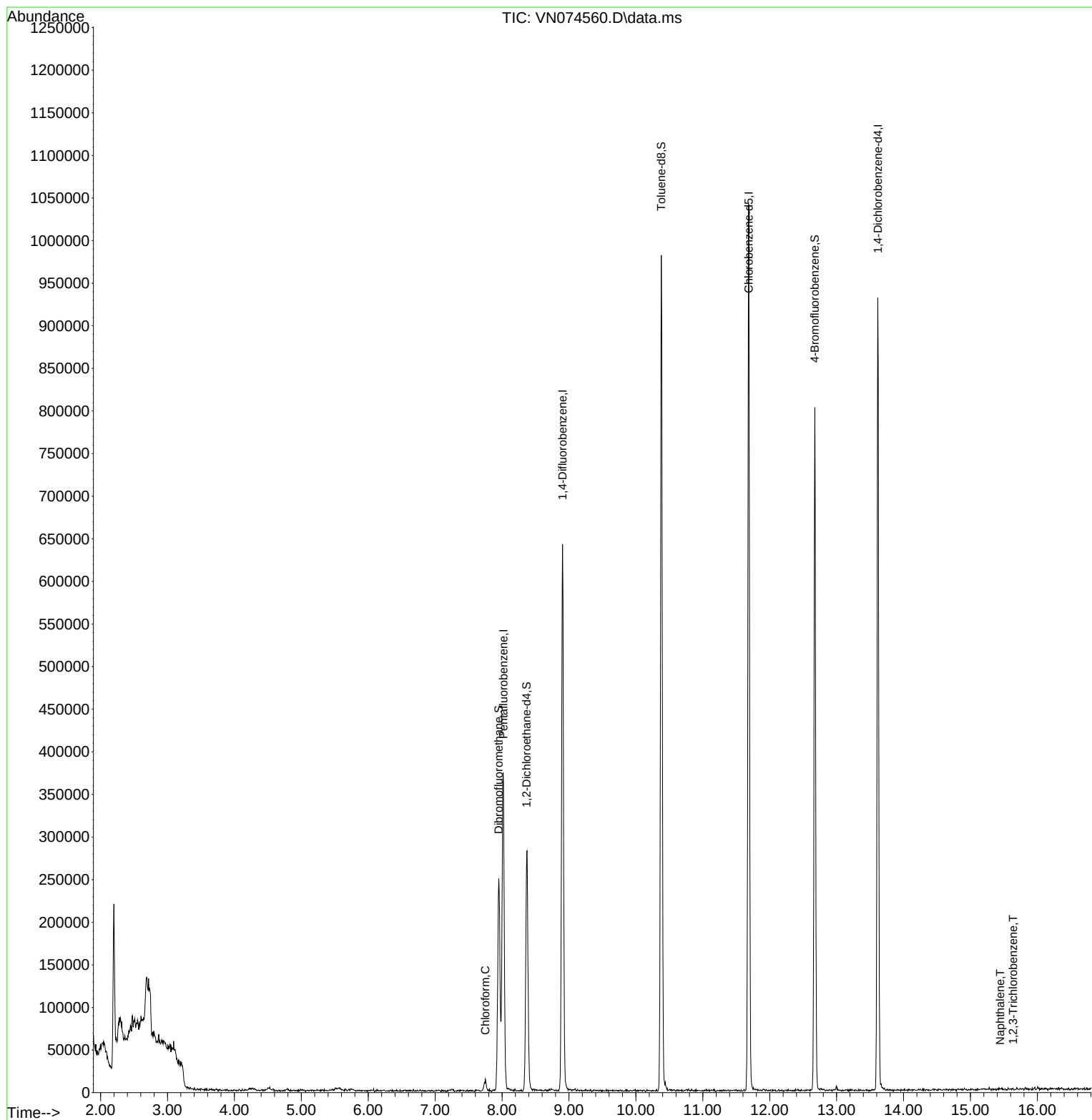
Internal Standards						
1) Pentafluorobenzene	8.022	168	269418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	513116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	521977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	214842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	216562	47.374	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.740%
35) Dibromofluoromethane	7.951	113	174415	51.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.340%
50) Toluene-d8	10.380	98	639918	48.545	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.674	95	237605	52.628	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.260%
Target Compounds						
					Qvalue	
30) Chloroform	7.751	83	10213	1.301	ug/l	96
95) Naphthalene	15.445	128	713	1.627	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.639	180	145	1.369	ug/l #	12

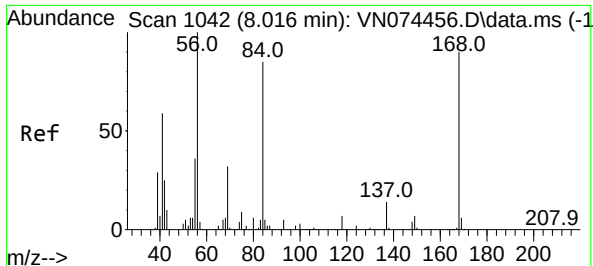
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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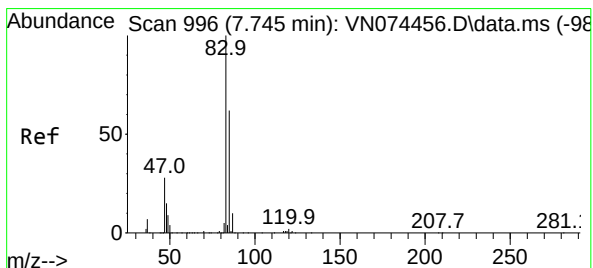
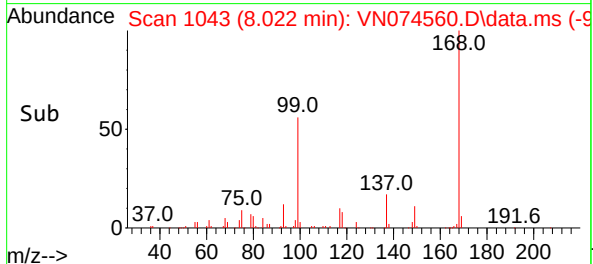
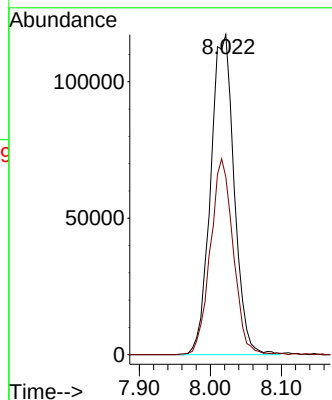
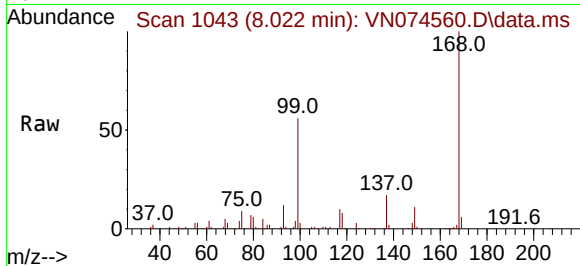




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

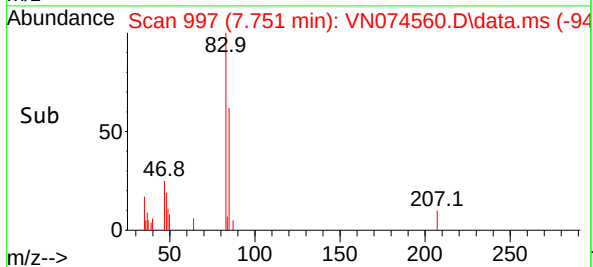
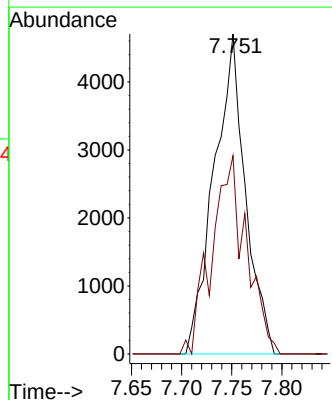
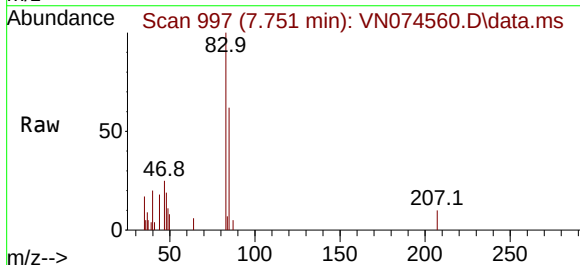
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220914

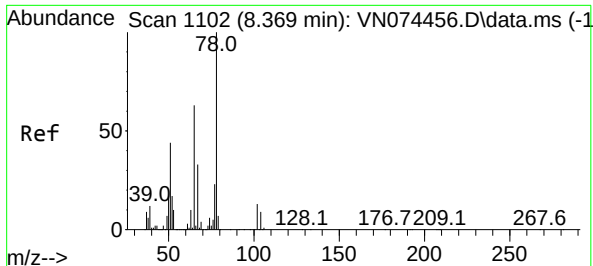
Tgt Ion:168 Resp: 269418
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#30
Chloroform
Concen: 1.301 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 83 Resp: 10213
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 47.374 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074560.D

Acq: 17 Sep 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

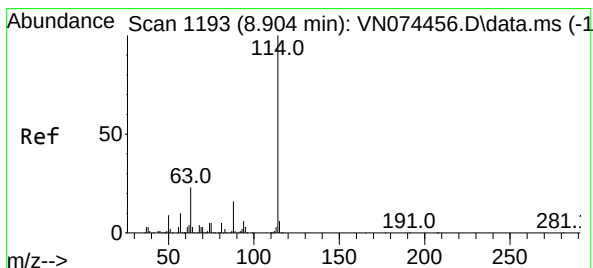
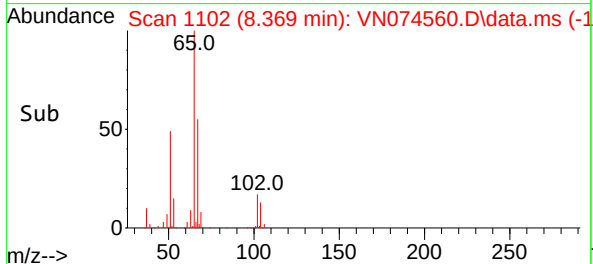
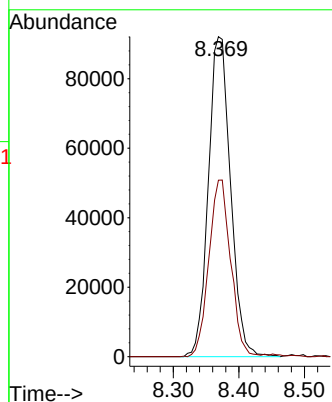
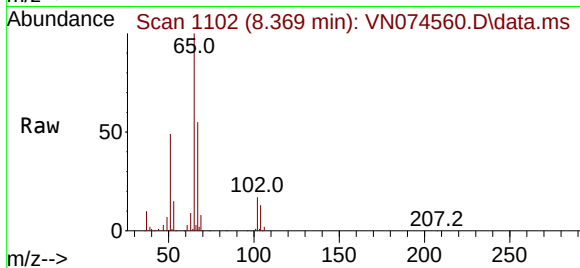
BP-VPB-RW5-TB-20220914

Tgt Ion: 65 Resp: 216562

Ion Ratio Lower Upper

65 100

67 54.2 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: VN074560.D

Acq: 17 Sep 2022 16:53

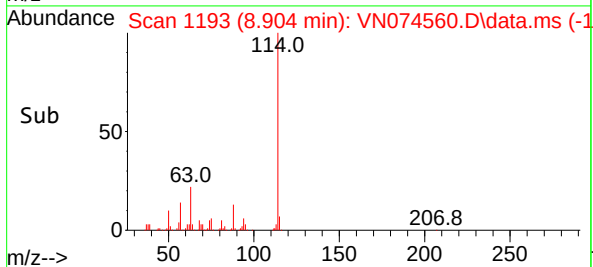
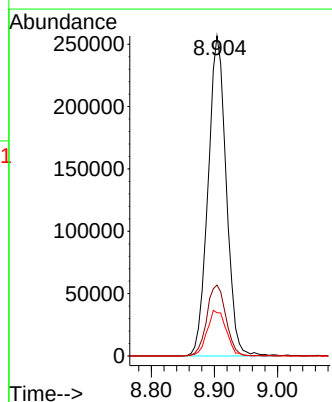
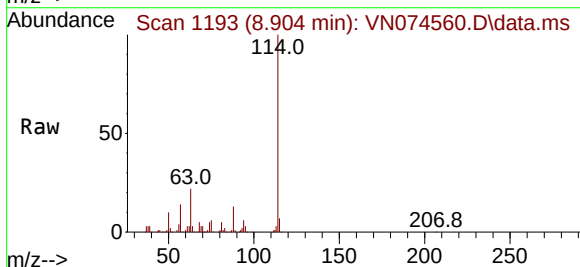
Tgt Ion: 114 Resp: 513116

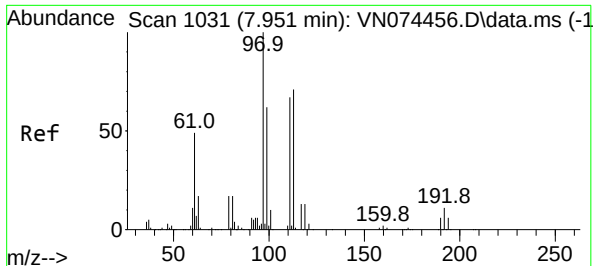
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 13.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.170 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074560.D

Acq: 17 Sep 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-TB-20220914

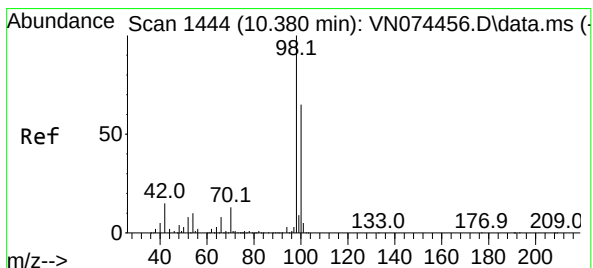
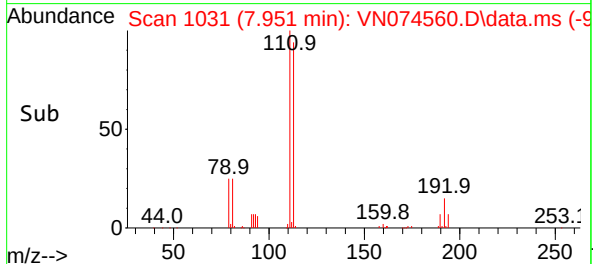
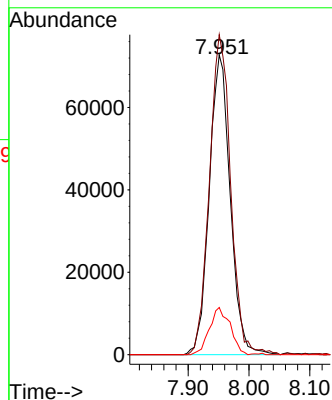
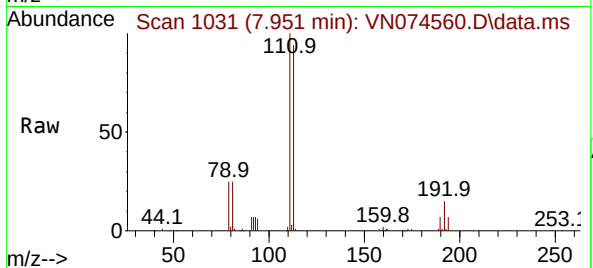
Tgt Ion:113 Resp: 174415

Ion Ratio Lower Upper

113 100

111 108.2 81.4 122.0

192 15.6 17.0 25.6#



#50

Toluene-d8

Concen: 48.545 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074560.D

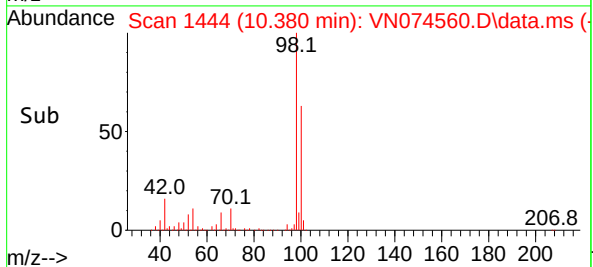
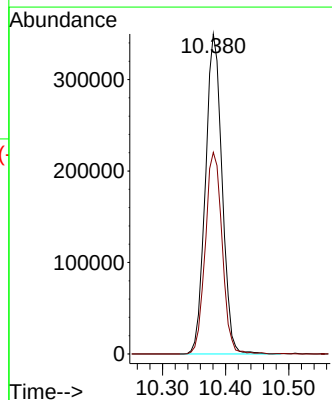
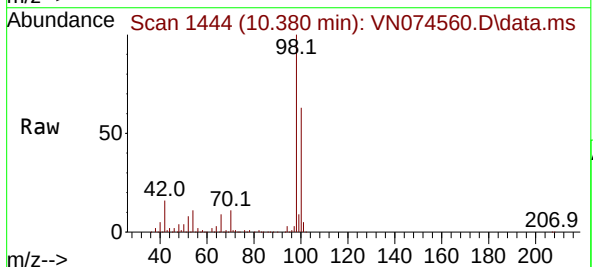
Acq: 17 Sep 2022 16:53

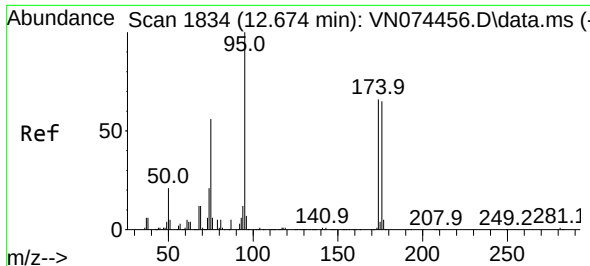
Tgt Ion: 98 Resp: 639918

Ion Ratio Lower Upper

98 100

100 63.8 52.6 78.8

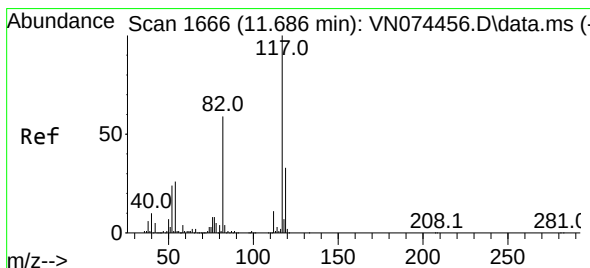
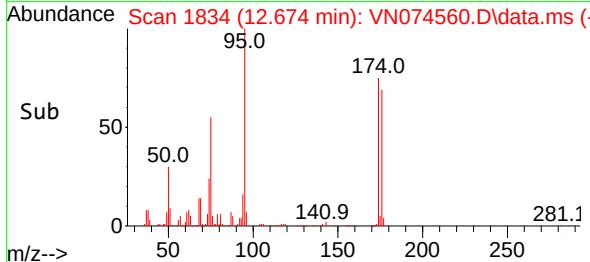
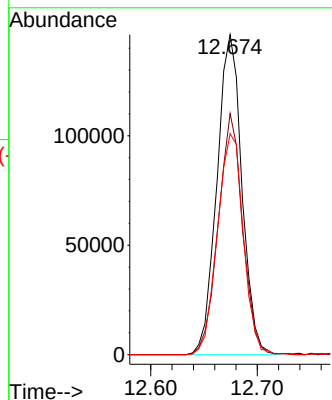
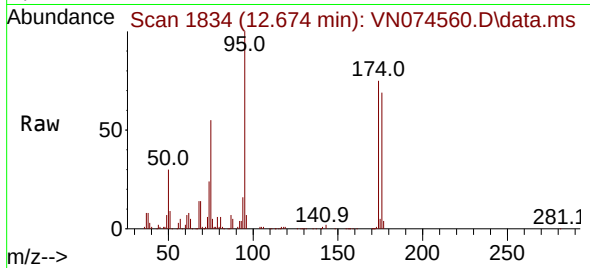




#62
4-Bromofluorobenzene
Concen: 52.628 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

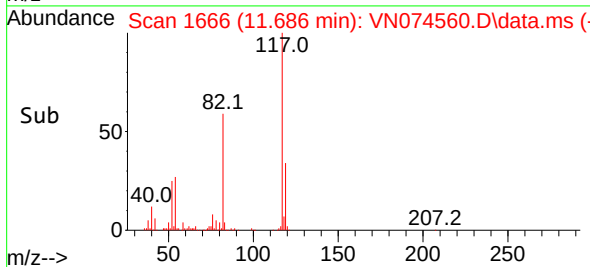
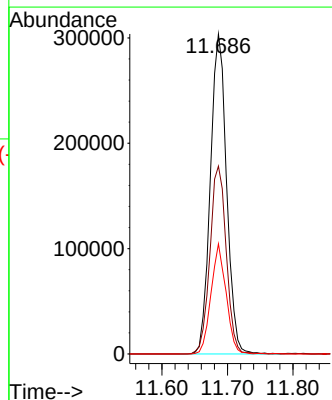
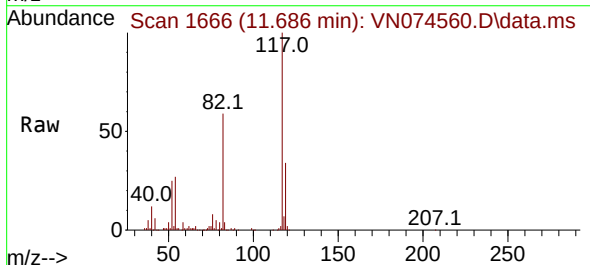
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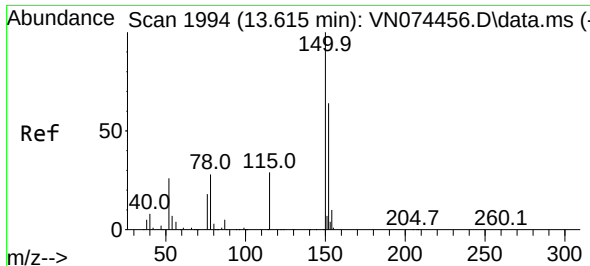
Tgt Ion: 95 Resp: 237605
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 71.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 117 Resp: 521977
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 34.4 25.4 38.0

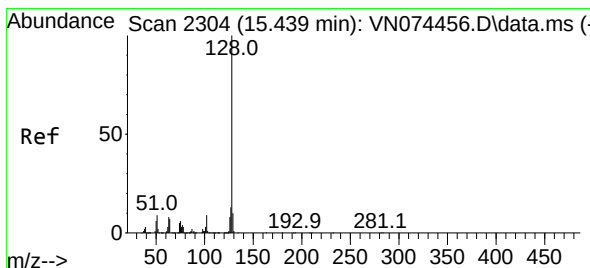
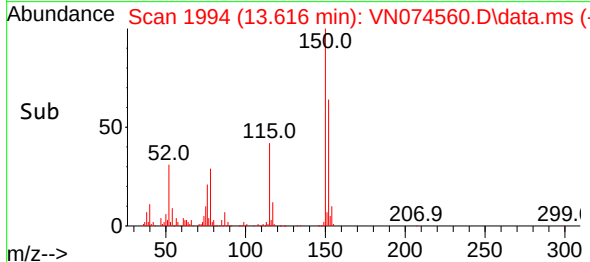
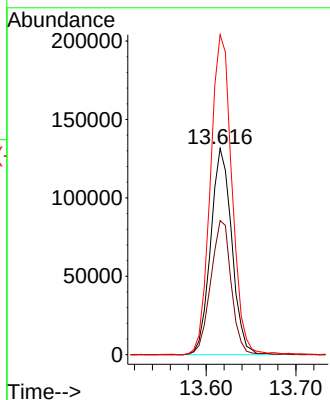
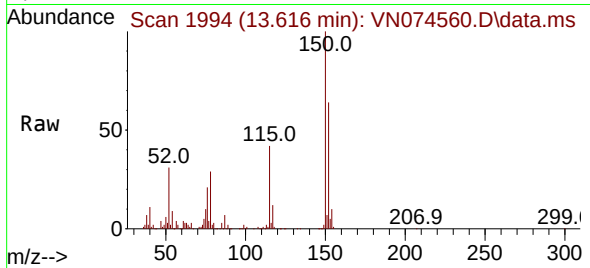




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074560.D
 Acq: 17 Sep 2022 16:53

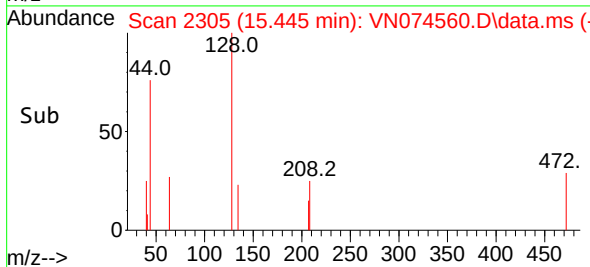
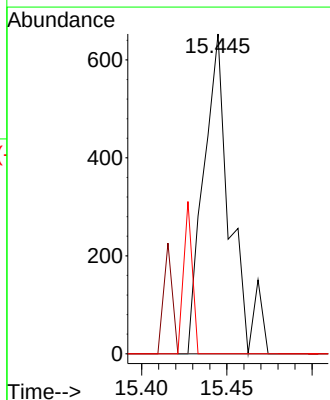
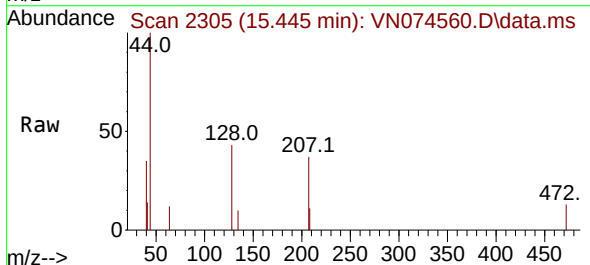
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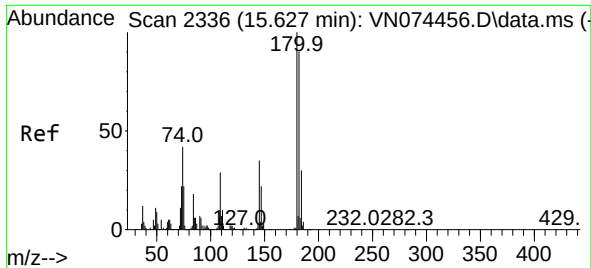
Tgt Ion:152 Resp: 214842
 Ion Ratio Lower Upper
 152 100
 115 63.4 28.9 86.7
 150 158.4 0.0 356.2



#95
 Naphthalene
 Concen: 1.627 ug/l
 RT: 15.445 min Scan# 2305
 Delta R.T. 0.006 min
 Lab File: VN074560.D
 Acq: 17 Sep 2022 16:53

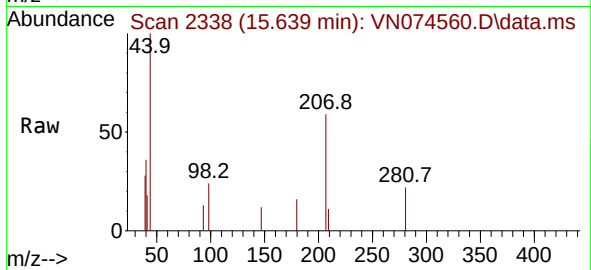
Tgt Ion:128 Resp: 713
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.369 ug/l
 RT: 15.639 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN074560.D
 Acq: 17 Sep 2022 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-TB-20220914



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.5	46.5#

