

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074561.D
 Acq On : 17 Sep 2022 17:17
 Operator : JC\MD
 Sample : N4688-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 19 02:57:05 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)

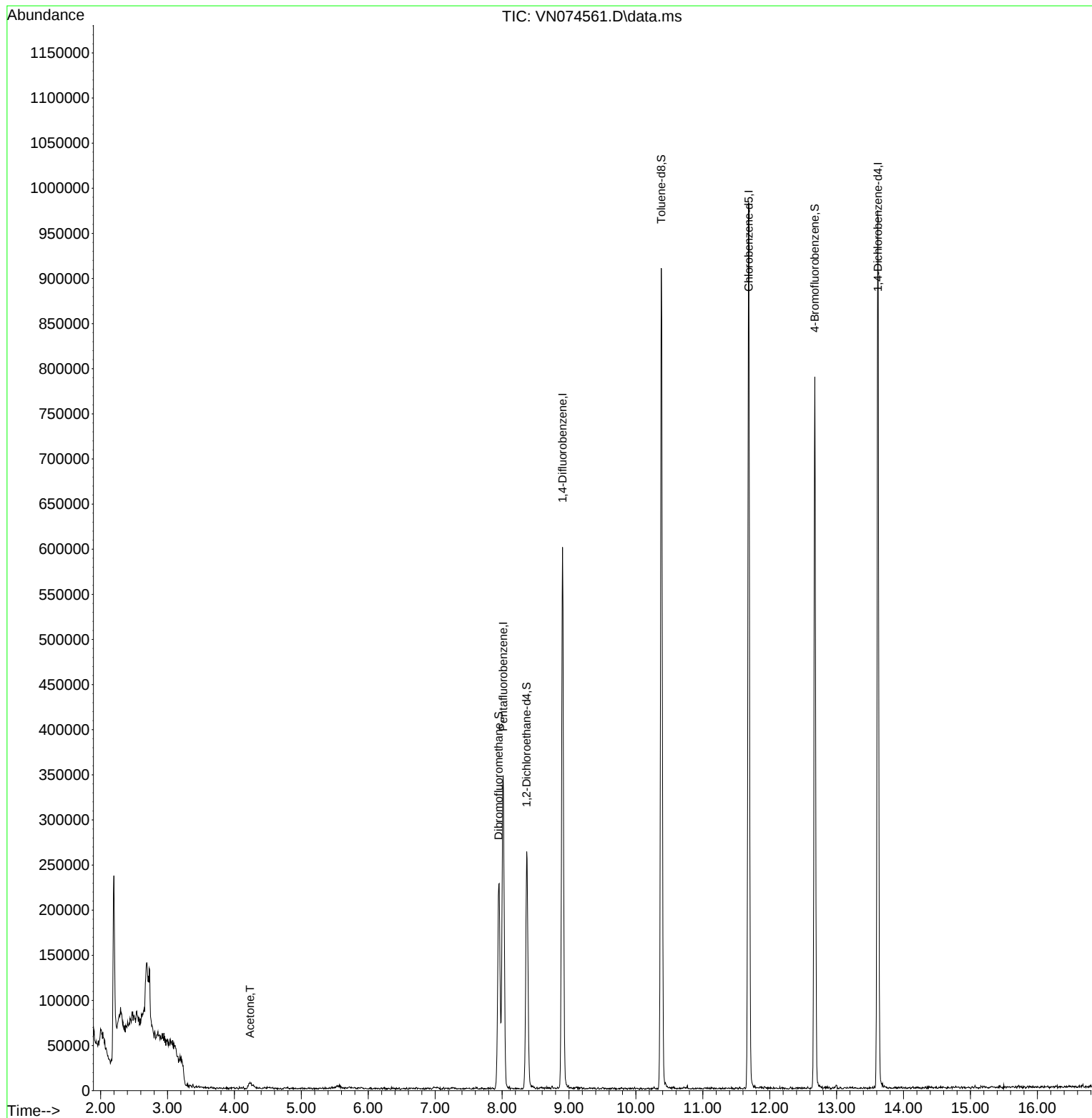
Internal Standards						
1) Pentafluorobenzene	8.016	168	248290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	484642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	500914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	228526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194426	46.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	7.951	113	160195	49.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	10.380	98	598784	48.093	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.674	95	239700	56.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.420%
Target Compounds						
16) Acetone	4.234	43	11075	4.108	ug/l	Qvalue # 75

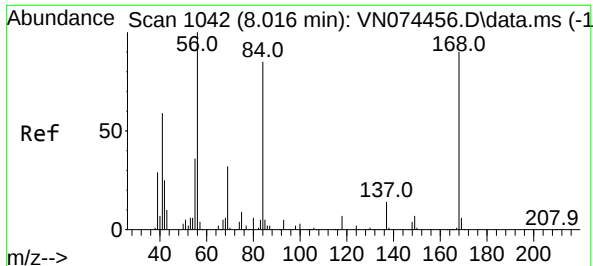
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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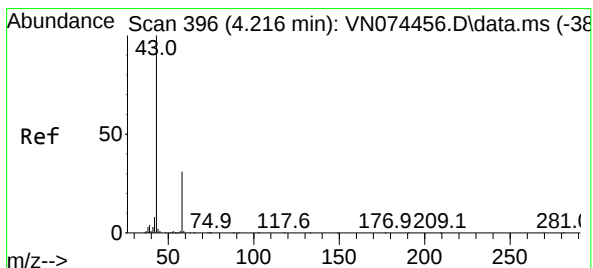
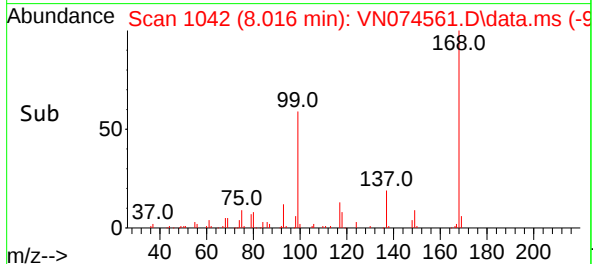
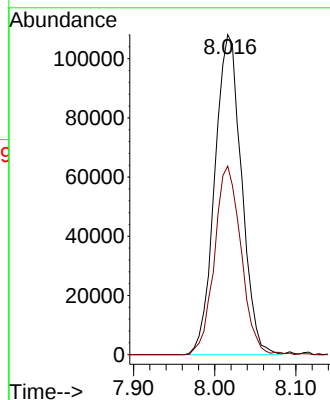
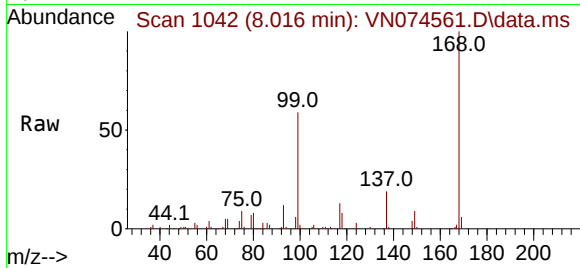




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

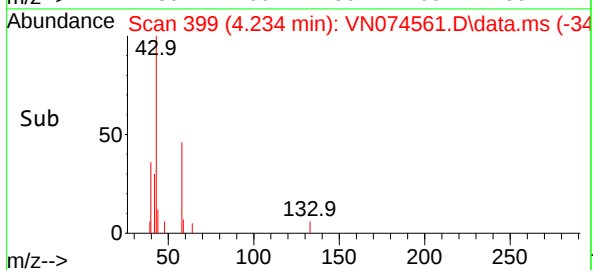
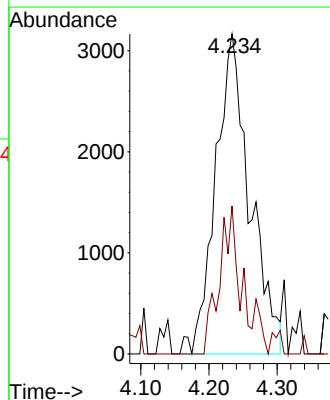
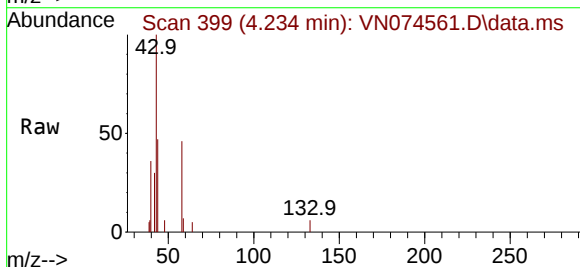
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220914

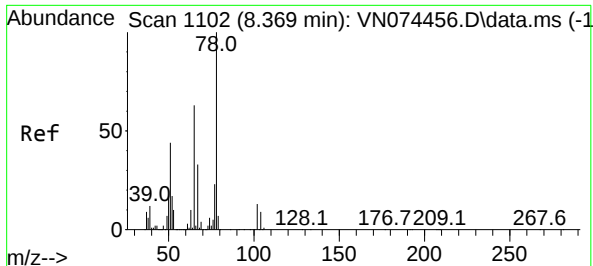
Tgt Ion:168 Resp: 248290
Ion Ratio Lower Upper
168 100
99 59.0 42.3 63.5



#16
Acetone
Concen: 4.108 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.018 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

Tgt Ion: 43 Resp: 11075
Ion Ratio Lower Upper
43 100
58 46.3 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 46.151 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074561.D

Acq: 17 Sep 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

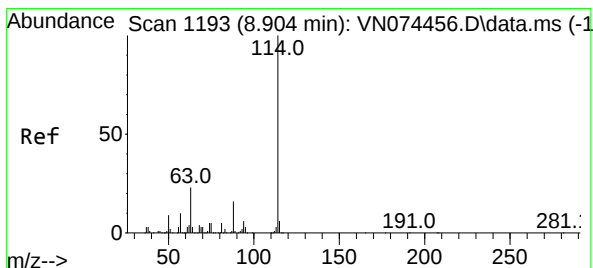
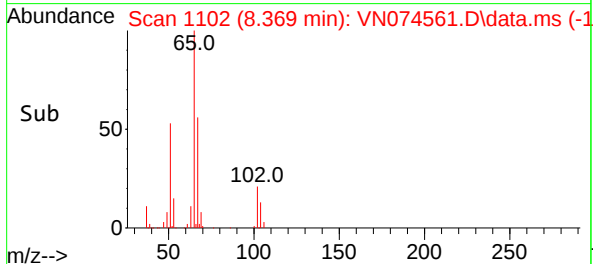
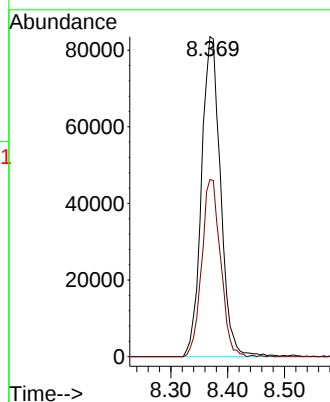
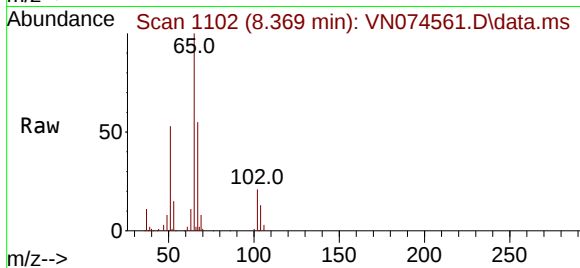
BP-VPB-RW5-DUP-20220914

Tgt Ion: 65 Resp: 194426

Ion Ratio Lower Upper

65 100

67 54.6 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: VN074561.D

Acq: 17 Sep 2022 17:17

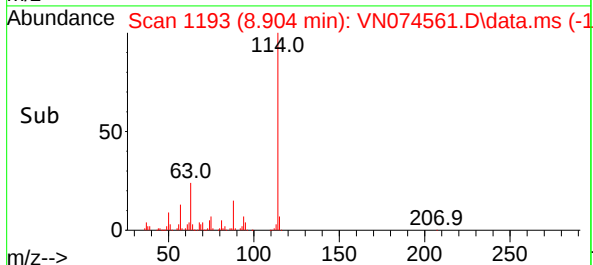
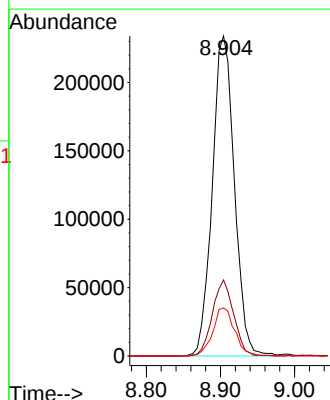
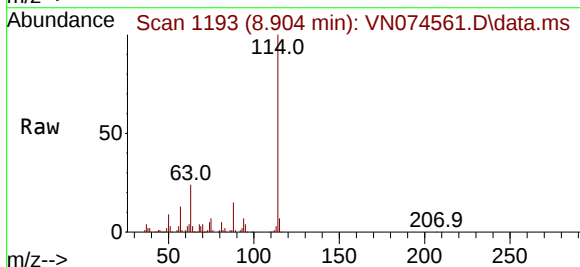
Tgt Ion: 114 Resp: 484642

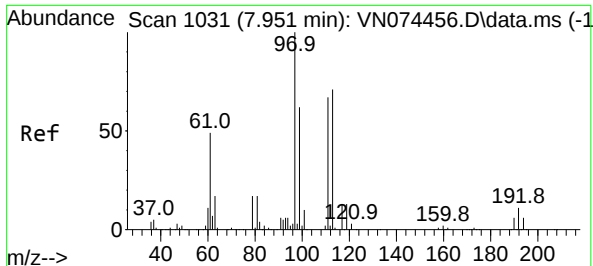
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.759 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074561.D

Acq: 17 Sep 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-DUP-20220914

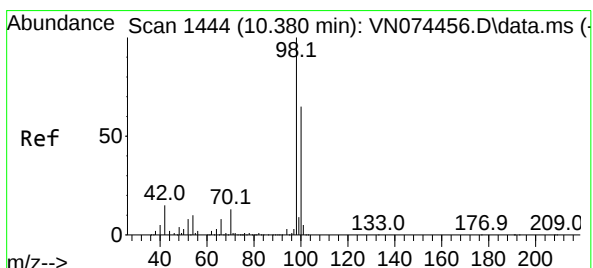
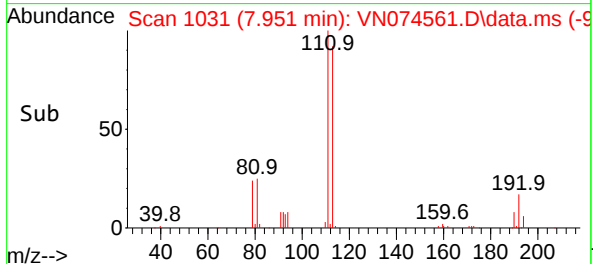
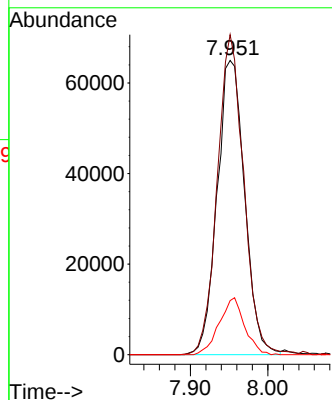
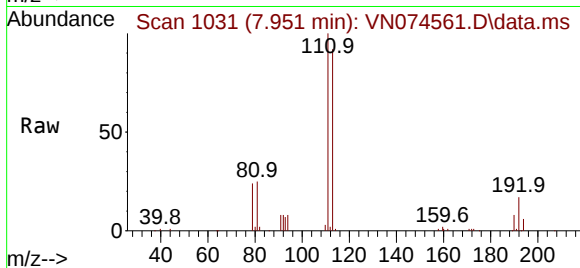
Tgt Ion:113 Resp: 160195

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 17.9 17.0 25.6



#50

Toluene-d8

Concen: 48.093 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074561.D

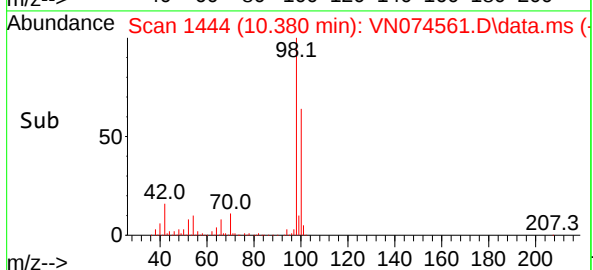
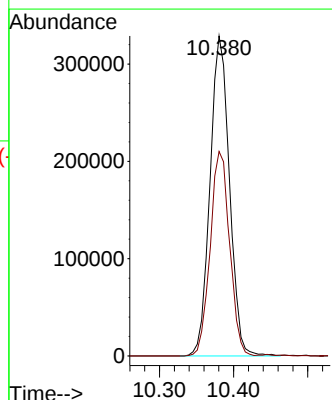
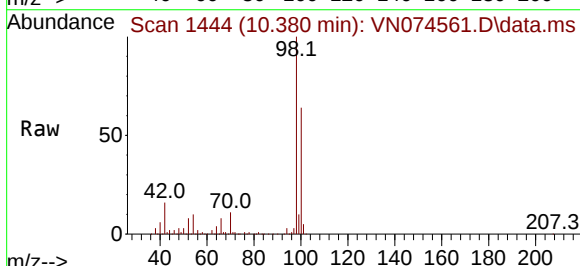
Acq: 17 Sep 2022 17:17

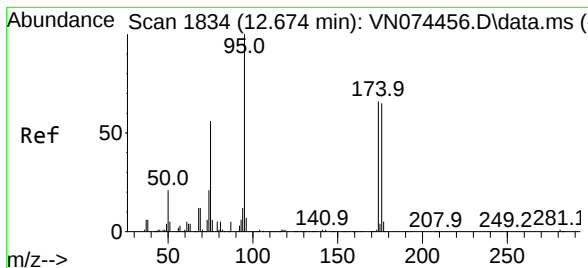
Tgt Ion: 98 Resp: 598784

Ion Ratio Lower Upper

98 100

100 63.9 52.6 78.8

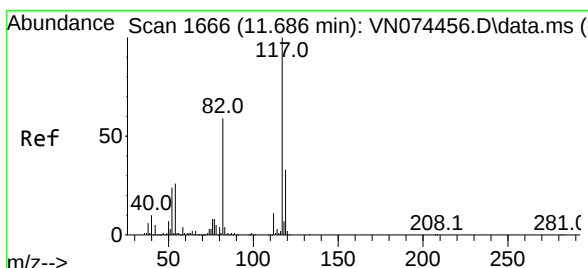
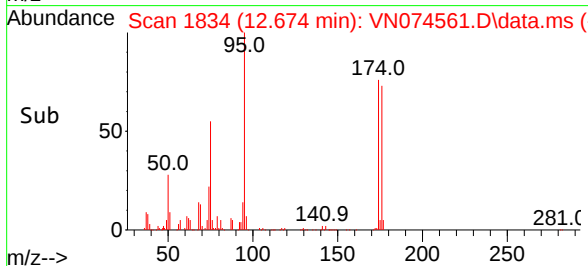
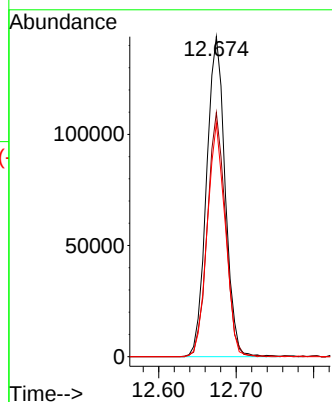
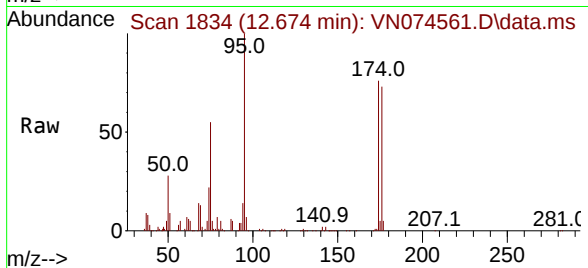




#62
4-Bromofluorobenzene
Concen: 56.211 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

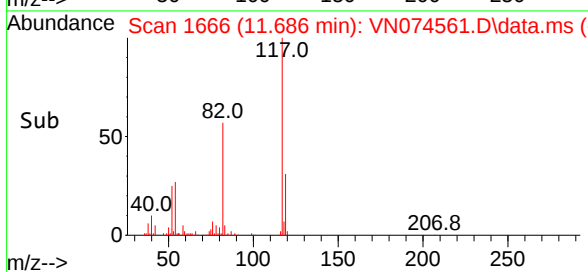
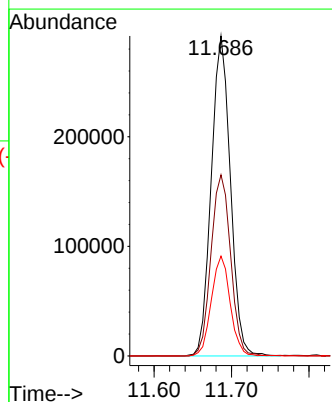
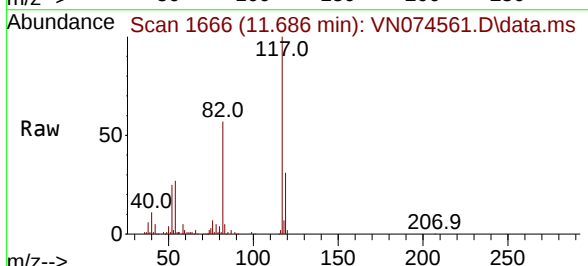
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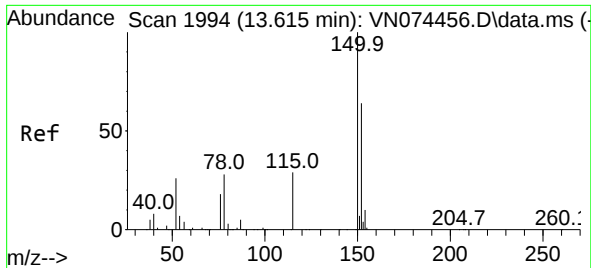
Tgt Ion: 95 Resp: 239700
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 70.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

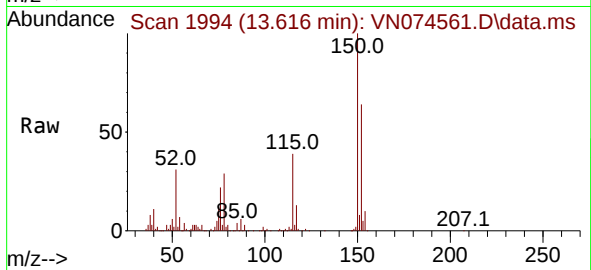
Tgt Ion: 117 Resp: 500914
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 31.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074561.D
 Acq: 17 Sep 2022 17:17

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



Tgt Ion:152 Resp: 228526
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.9 86.7
 150 155.3 0.0 356.2

