

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080911.D
 Acq On : 05 Feb 2024 21:02
 Operator : JC\MD
 Sample : P1367-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-6-7-9

Quant Time: Feb 06 04:49:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

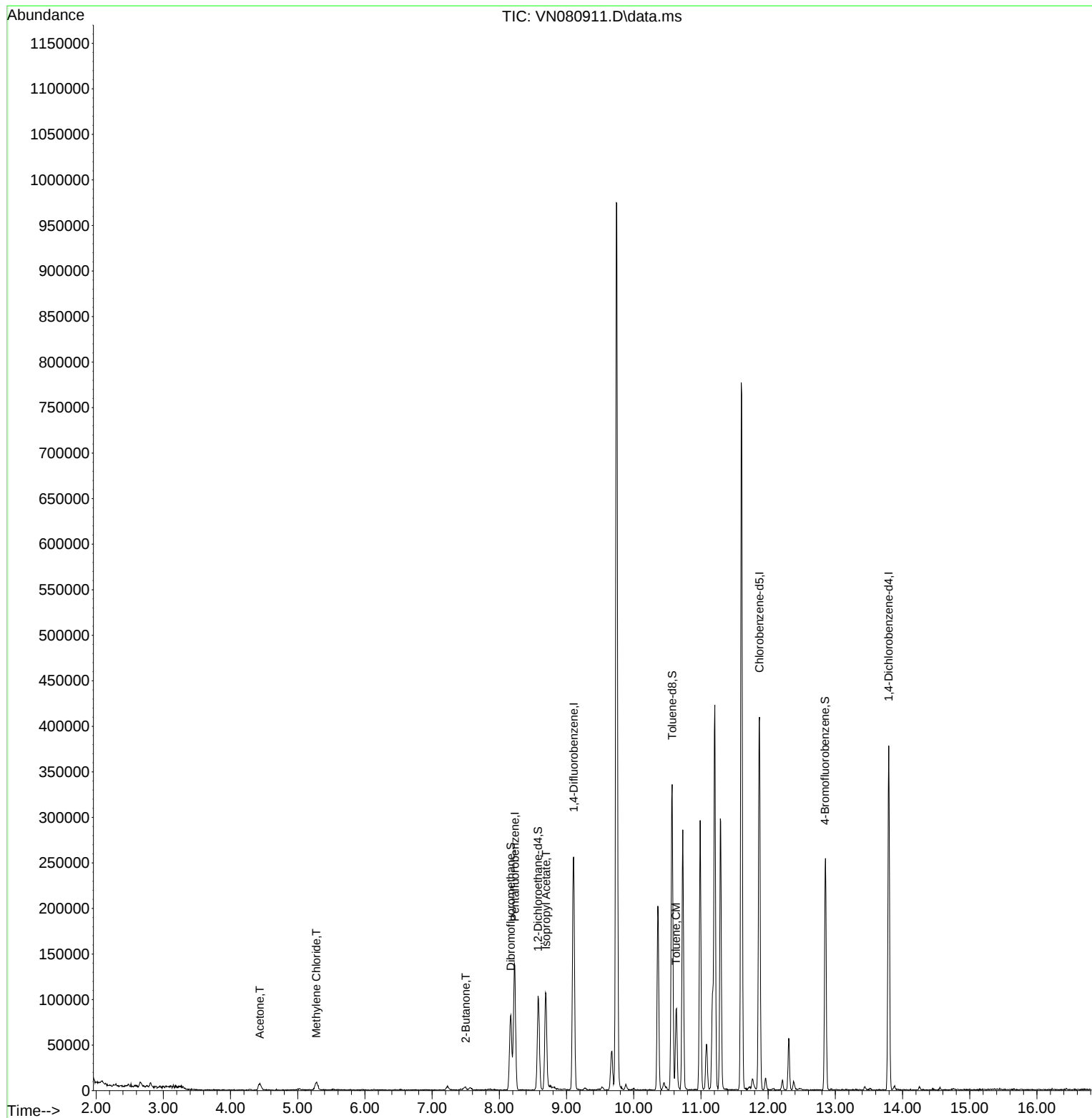
Internal Standards						
1) Pentafluorobenzene	8.230	168	80388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	205824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	84938	61.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.160%
35) Dibromofluoromethane	8.171	113	56396	48.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	10.571	98	214499	46.826	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.847	95	86498	54.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.380%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	14123	28.001	ug/l	97
20) Methylene Chloride	5.277	84	5392	4.073	ug/l #	79
25) 2-Butanone	7.500	43	6152	6.422	ug/l	96
43) Isopropyl Acetate	8.694	43	128242	31.454	ug/l #	87
52) Toluene	10.630	92	38269	10.439	ug/l	89

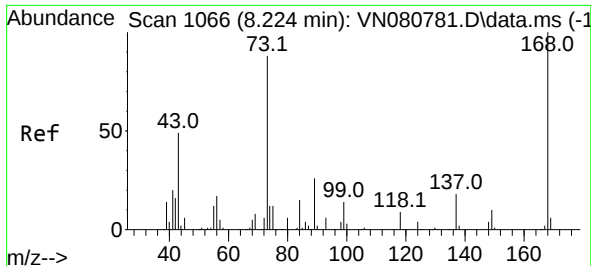
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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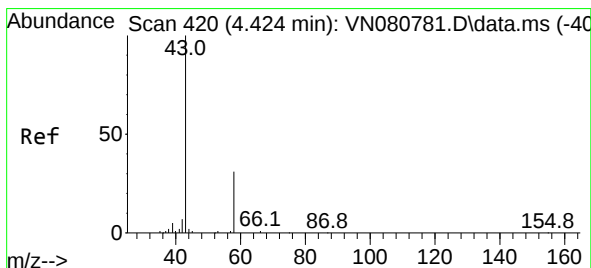
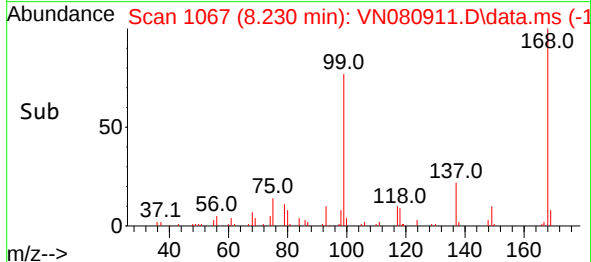
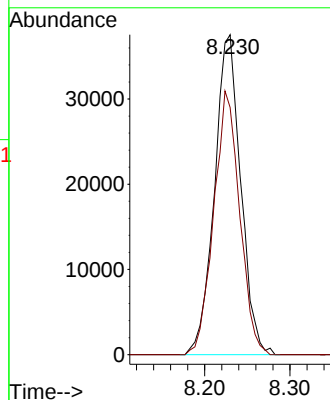
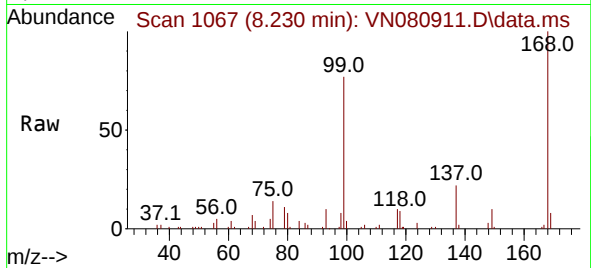




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080911.D
Acq: 05 Feb 2024 21:02

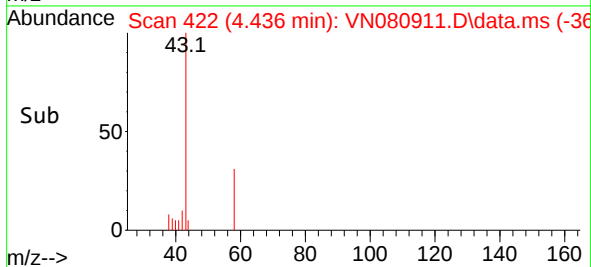
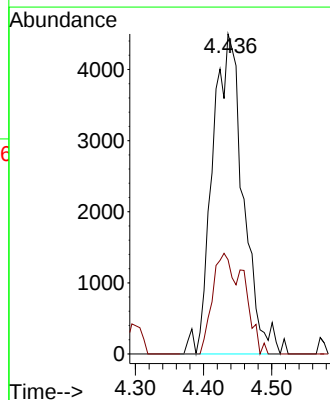
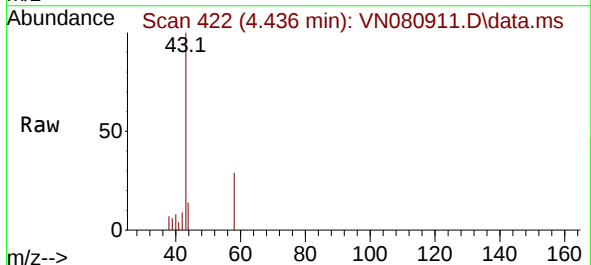
Instrument :
MSVOA_N
ClientSampleId :
EB-6-7-9

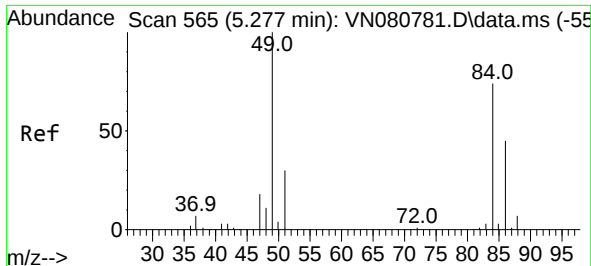
Tgt Ion:168 Resp: 80388
Ion Ratio Lower Upper
168 100
99 77.2 59.9 89.9



#16
Acetone
Concen: 28.001 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080911.D
Acq: 05 Feb 2024 21:02

Tgt Ion: 43 Resp: 14123
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2

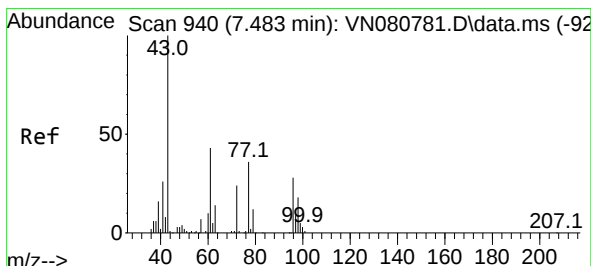
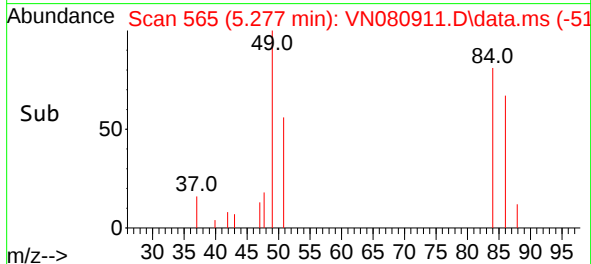
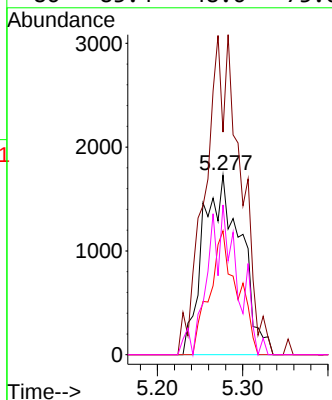
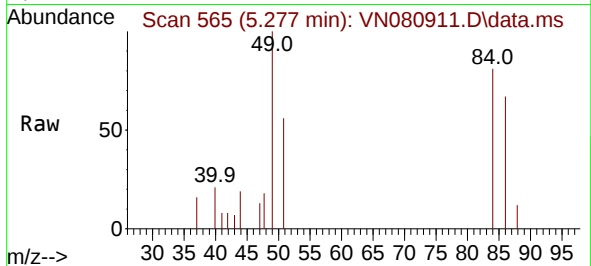




#20
Methylene Chloride
Concen: 4.073 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080911.D
Acq: 05 Feb 2024 21:02

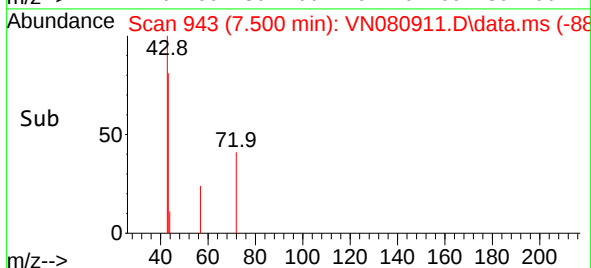
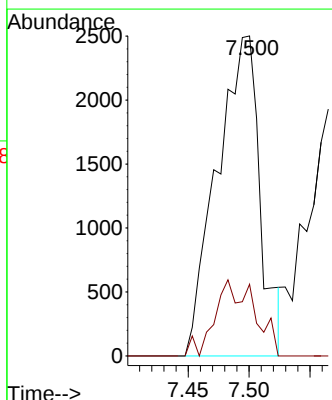
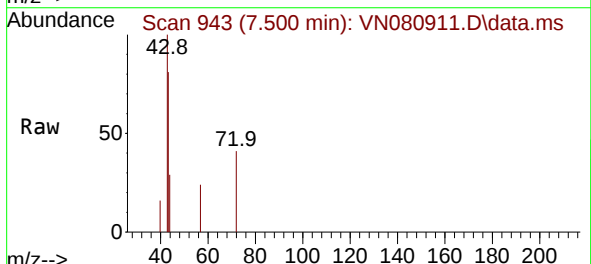
Instrument :
MSVOA_N
ClientSampleId :
EB-6-7-9

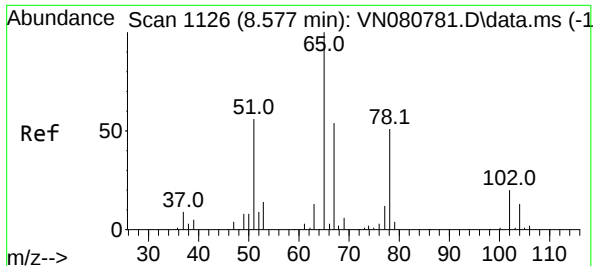
Tgt Ion: 84	Resp: 5392
Ion Ratio	Lower Upper
84 100	
49 124.0	108.1 162.1
51 69.0	32.9 49.3#
86 83.4	48.6 73.0#



#25
2-Butanone
Concen: 6.422 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN080911.D
Acq: 05 Feb 2024 21:02

Tgt Ion: 43	Resp: 6152
Ion Ratio	Lower Upper
43 100	
72 22.4	19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 61.076 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080911.D

Acq: 05 Feb 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

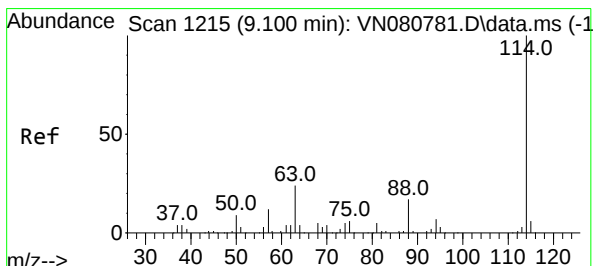
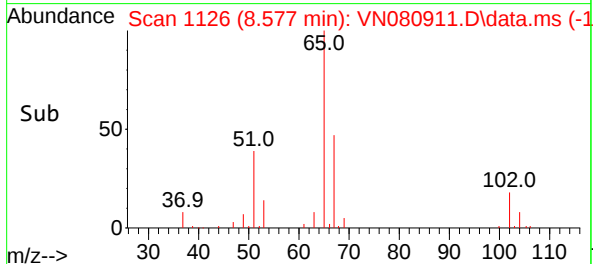
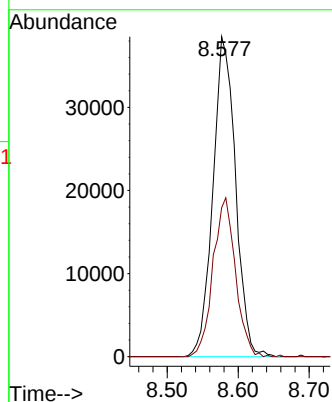
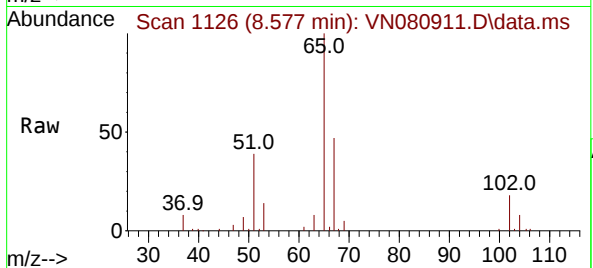
EB-6-7-9

Tgt Ion: 65 Resp: 84938

Ion Ratio Lower Upper

65 100

67 49.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080911.D

Acq: 05 Feb 2024 21:02

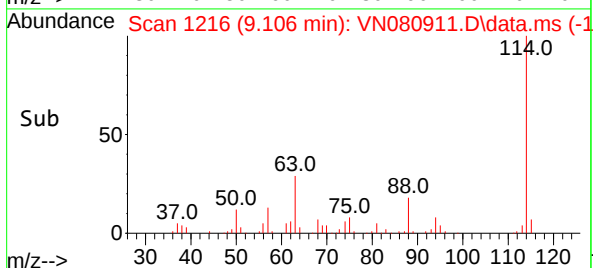
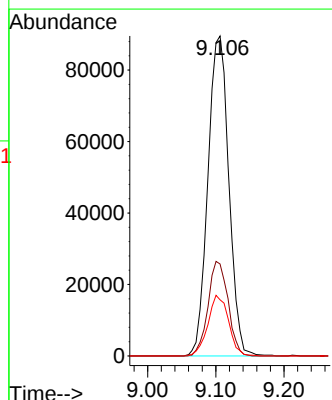
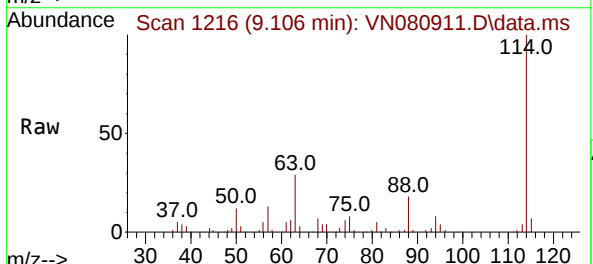
Tgt Ion: 114 Resp: 191299

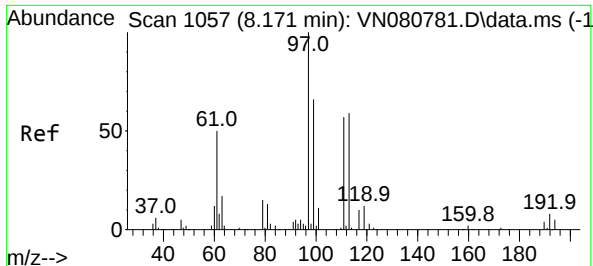
Ion Ratio Lower Upper

114 100

63 28.7 0.0 48.0

88 17.6 0.0 34.8

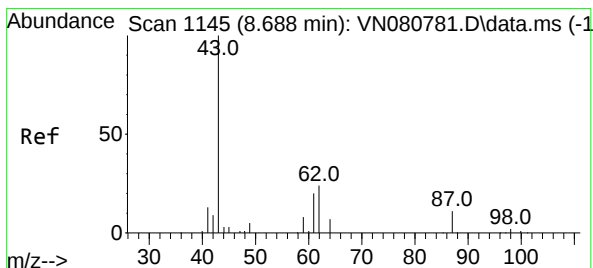
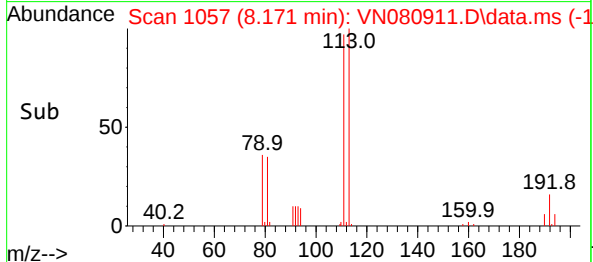
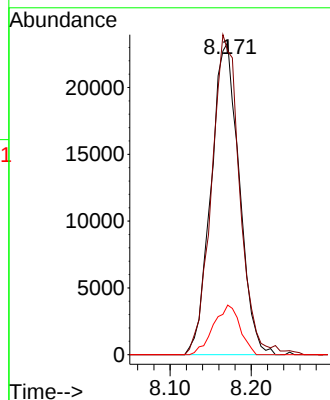
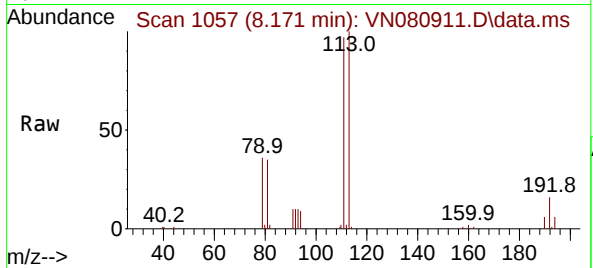




#35
Dibromofluoromethane
Concen: 48.186 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080911.D
Acq: 05 Feb 2024 21:02

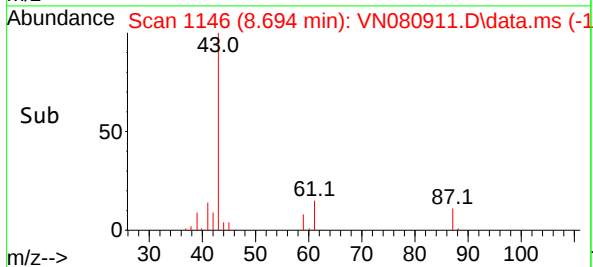
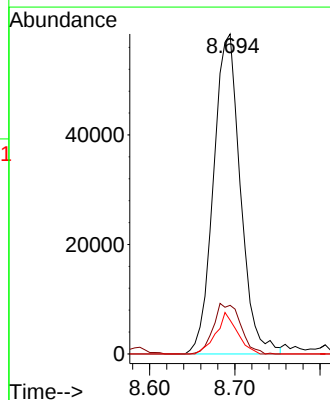
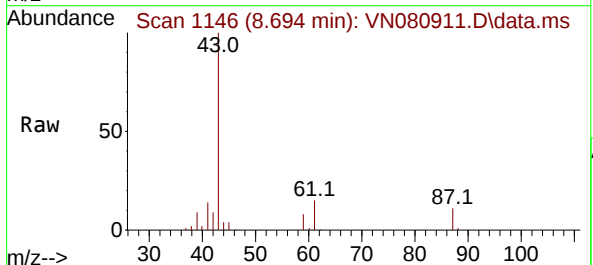
Instrument :
MSVOA_N
ClientSampleId :
EB-6-7-9

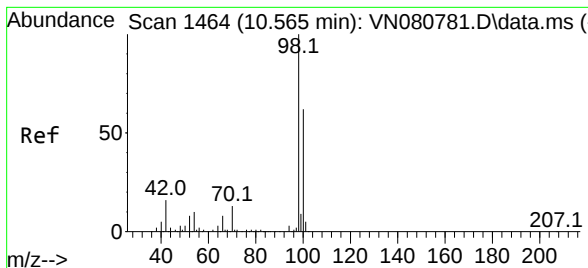
Tgt Ion:113 Resp: 56396
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 14.9 12.5 18.7



#43
Isopropyl Acetate
Concen: 31.454 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080911.D
Acq: 05 Feb 2024 21:02

Tgt Ion: 43 Resp: 128242
Ion Ratio Lower Upper
43 100
61 15.9 19.9 29.9#
87 10.2 9.0 13.6





#50

Toluene-d8

Concen: 46.826 ug/l

RT: 10.571 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN080911.D

Acq: 05 Feb 2024 21:02

Instrument :

MSVOA_N

ClientSampleId :

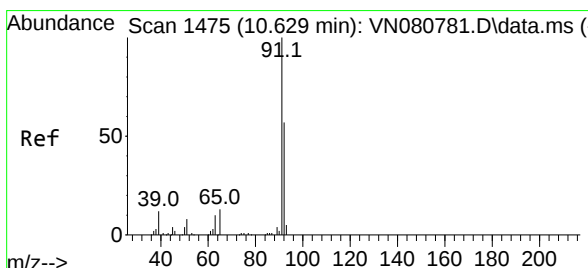
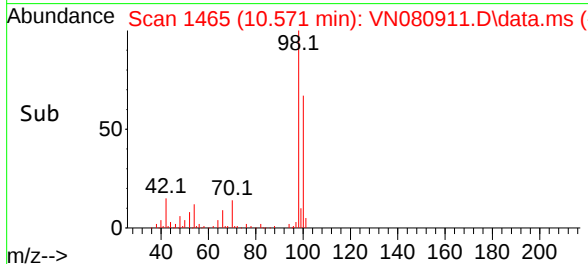
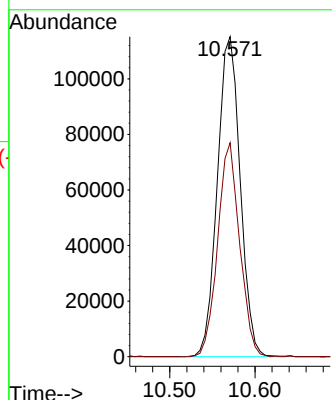
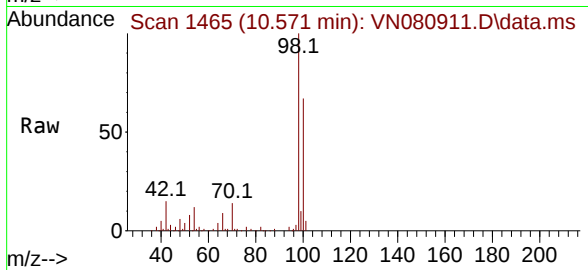
EB-6-7-9

Tgt Ion: 98 Resp: 214499

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#52

Toluene

Concen: 10.439 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080911.D

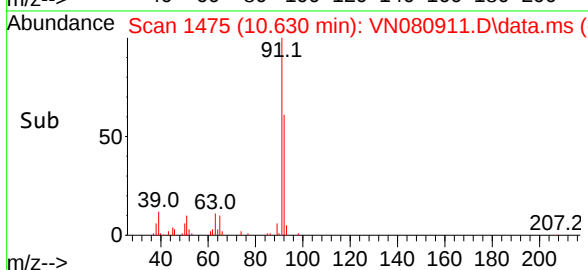
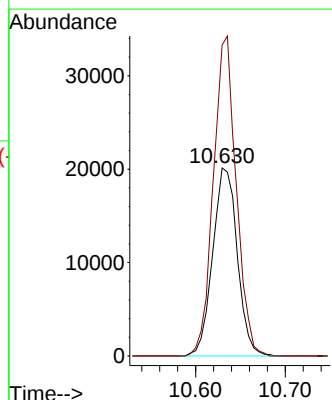
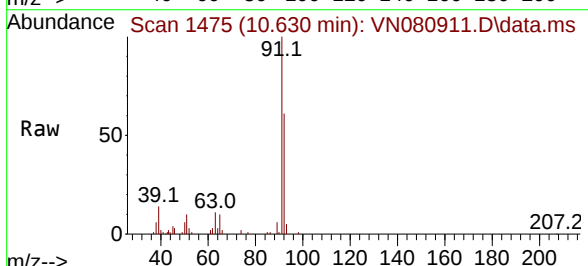
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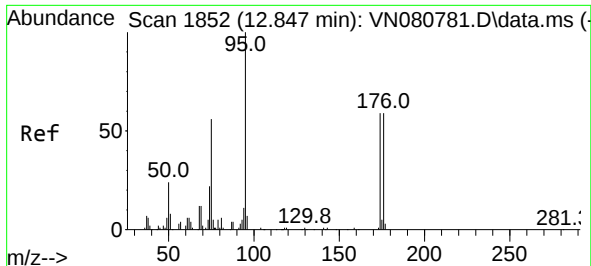
Tgt Ion: 92 Resp: 38269

Ion Ratio Lower Upper

92 100

91 158.3 139.4 209.0

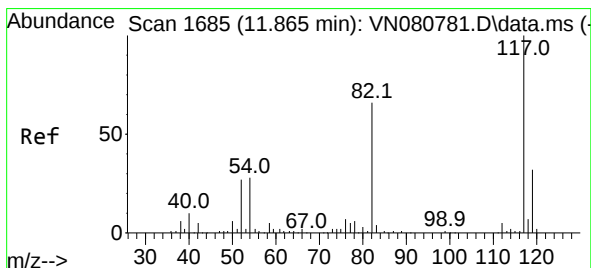
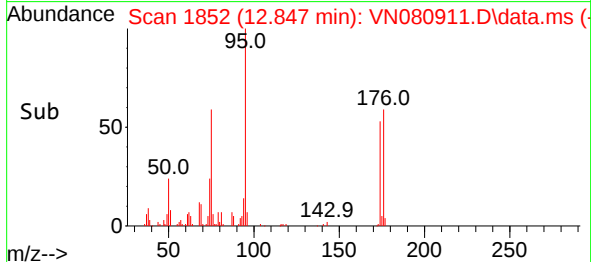
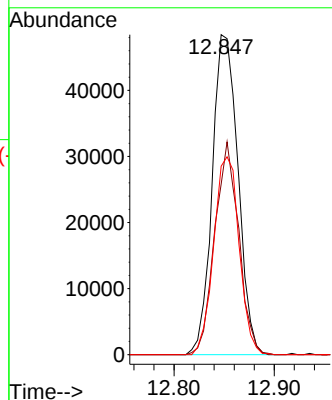
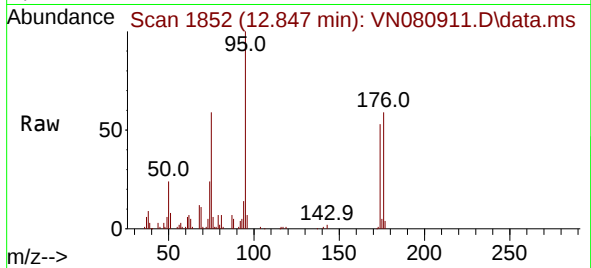




#62
4-Bromofluorobenzene
Concen: 54.187 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080911.D
Acq: 05 Feb 2024 21:02

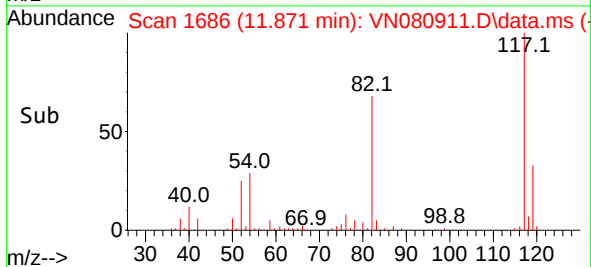
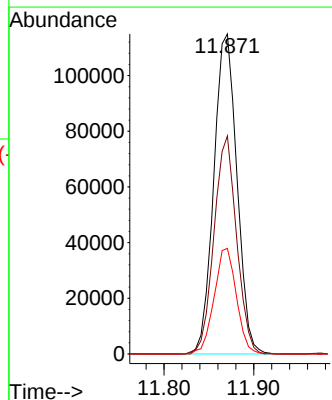
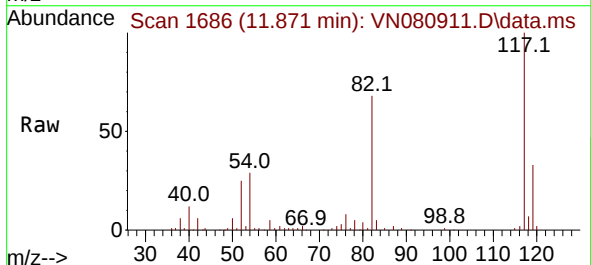
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EB-6-7-9

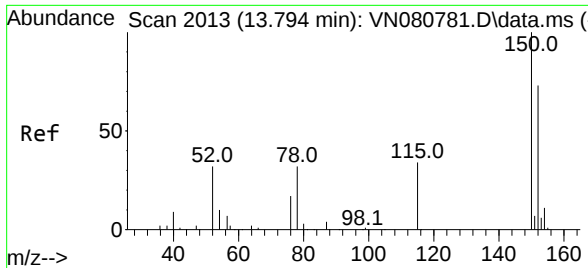
Tgt Ion: 95 Resp: 86498
Ion Ratio Lower Upper
95 100
174 61.9 0.0 120.4
176 61.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080911.D
Acq: 05 Feb 2024 21:02

Tgt Ion: 117 Resp: 205824
Ion Ratio Lower Upper
117 100
82 68.2 52.7 79.1
119 33.0 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080911.D
 Acq: 05 Feb 2024 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-6-7-9

Tgt Ion:152	Resp:	86246
Ion	Ratio	Lower Upper
152	100	
115	65.7	32.3 96.8
150	153.0	0.0 339.8

