

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079551.D
 Acq On : 12 Oct 2023 17:35
 Operator : JC\MD
 Sample : PB156319ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156319ZHE#02

Quant Time: Oct 13 01:23:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

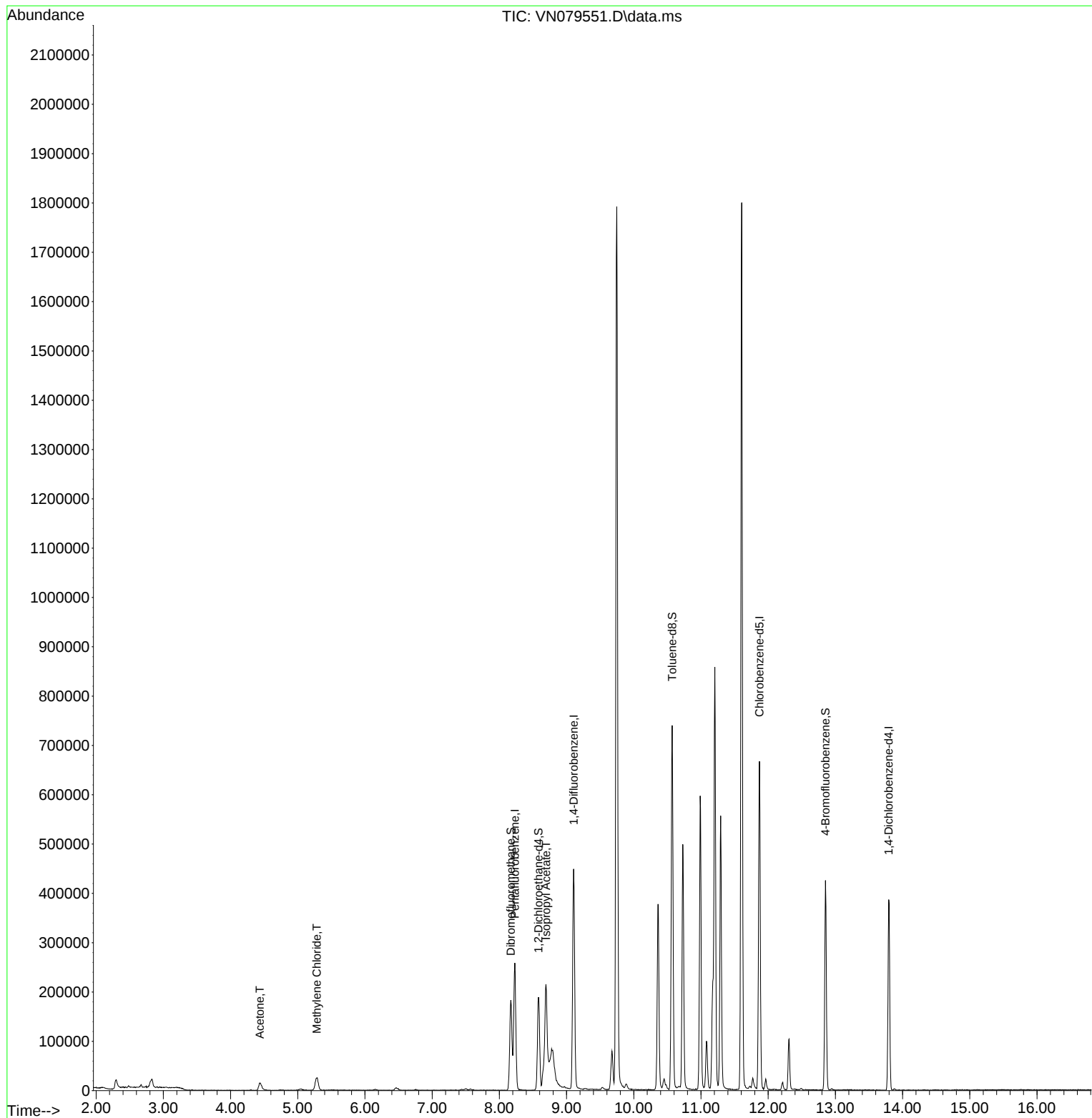
Internal Standards						
1) Pentafluorobenzene	8.230	168	175507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	377502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	374904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158799	55.803	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.600%
35) Dibromofluoromethane	8.171	113	132062	48.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	10.571	98	500537	50.992	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.853	95	137553	43.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.340%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	30745	27.239	ug/l	91
20) Methylene Chloride	5.283	84	20171	7.651	ug/l	92
43) Isopropyl Acetate	8.694	43	283542	39.947	ug/l #	72

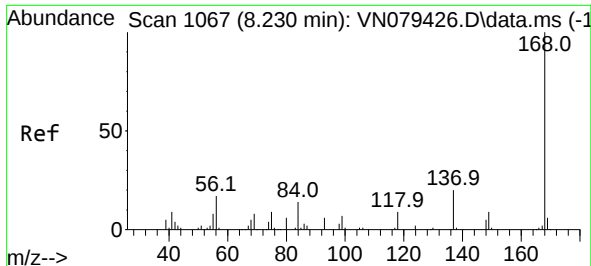
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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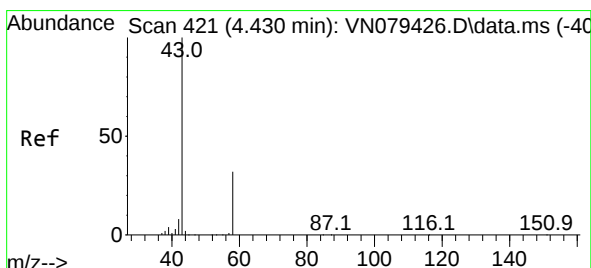
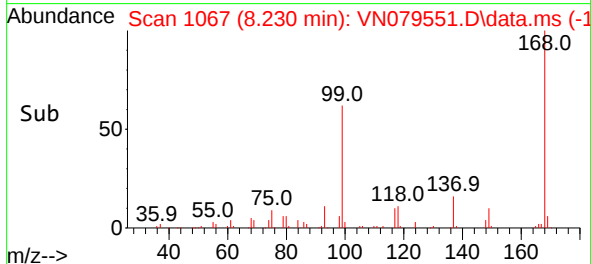
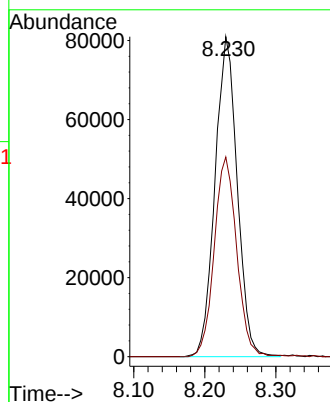
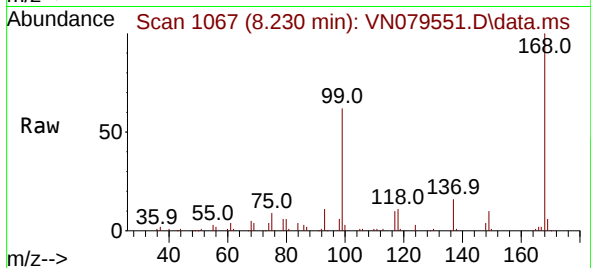




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079551.D
Acq: 12 Oct 2023 17:35

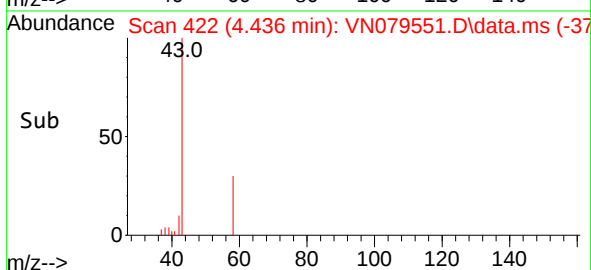
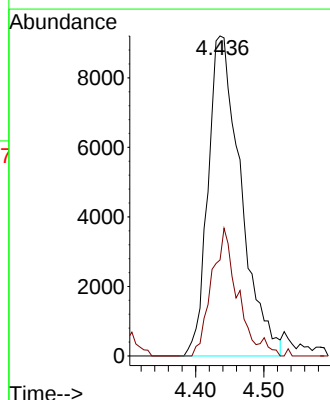
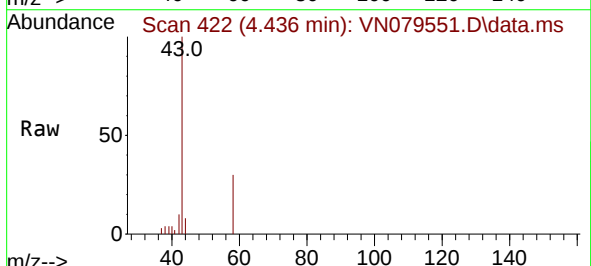
Instrument :
MSVOA_N
ClientSampleId :
PB156319ZHE#02

Tgt Ion:168 Resp: 175507
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#16
Acetone
Concen: 27.239 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079551.D
Acq: 12 Oct 2023 17:35

Tgt Ion: 43 Resp: 30745
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

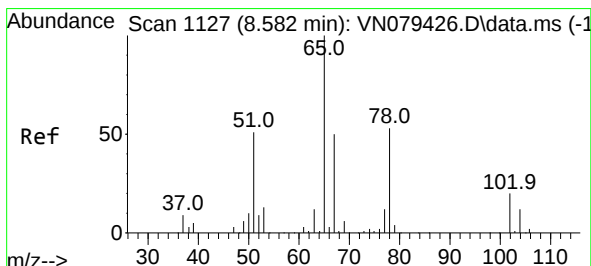
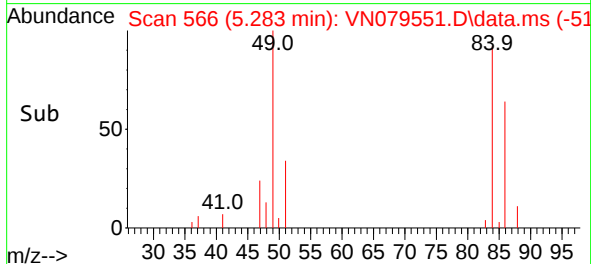
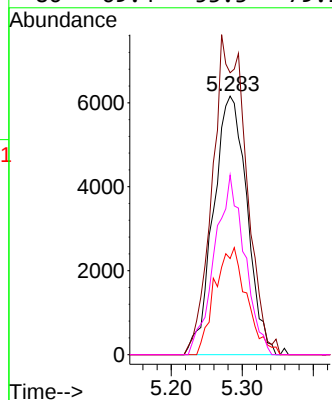
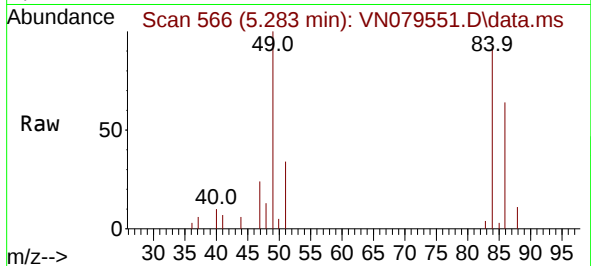




#20
Methylene Chloride
Concen: 7.651 ug/l
RT: 5.283 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN079551.D
Acq: 12 Oct 2023 17:35

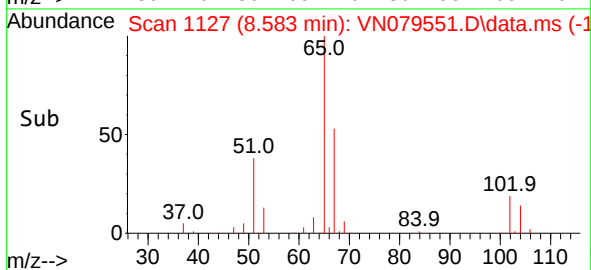
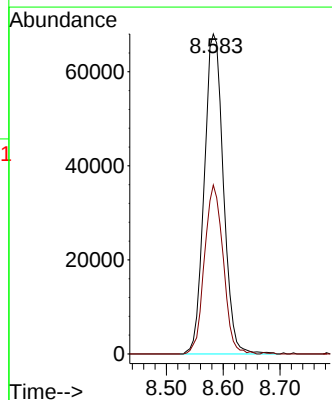
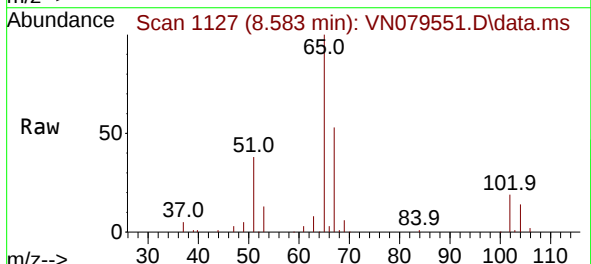
Instrument :
MSVOA_N
ClientSampleId :
PB156319ZHE#02

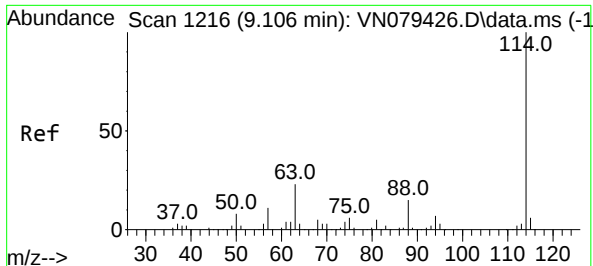
Tgt Ion:	84	Resp:	20171
Ion	Ratio	Lower	Upper
84	100		
49	109.0	79.7	119.5
51	37.2	25.2	37.8
86	69.4	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 55.803 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079551.D
Acq: 12 Oct 2023 17:35

Tgt Ion:	65	Resp:	158799
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079551.D

Acq: 12 Oct 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

PB156319ZHE#02

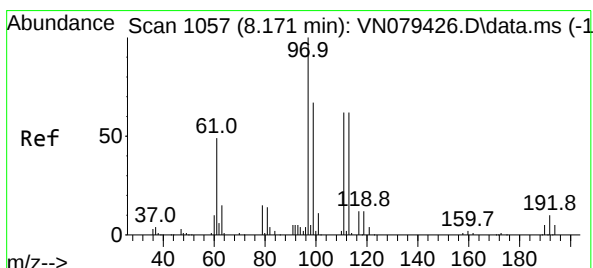
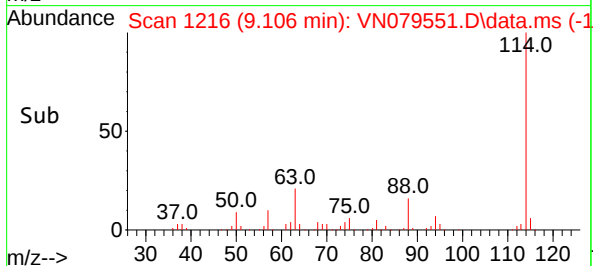
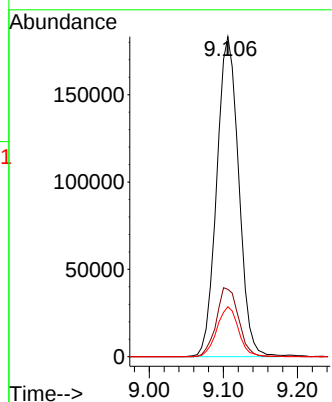
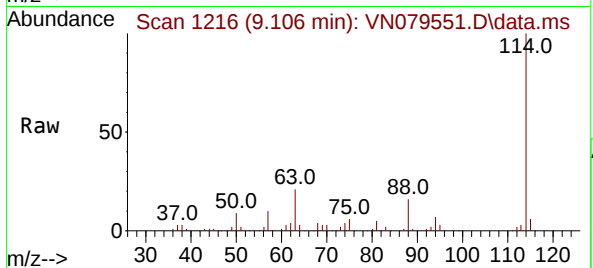
Tgt Ion:114 Resp: 377502

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.680 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079551.D

Acq: 12 Oct 2023 17:35

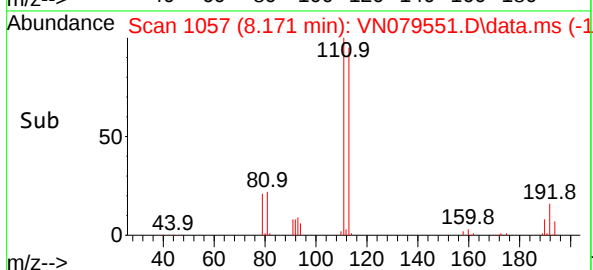
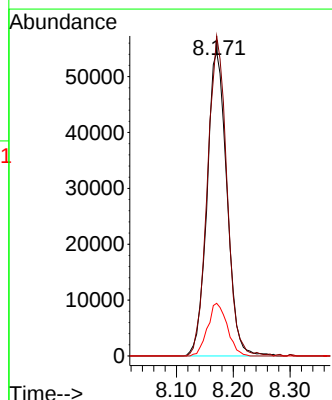
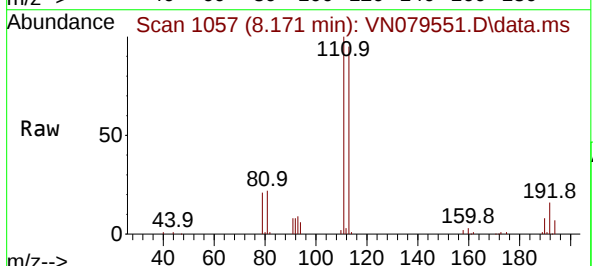
Tgt Ion:113 Resp: 132062

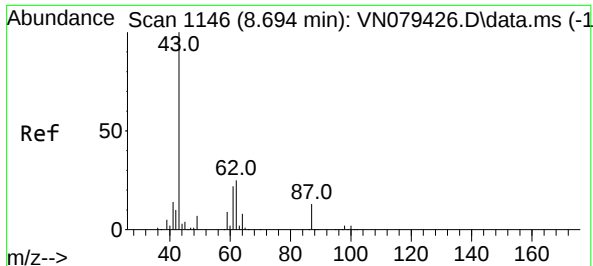
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 17.2 12.7 19.1

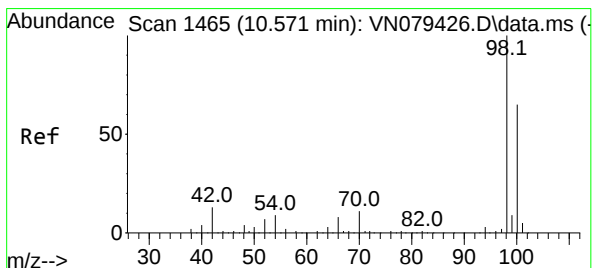
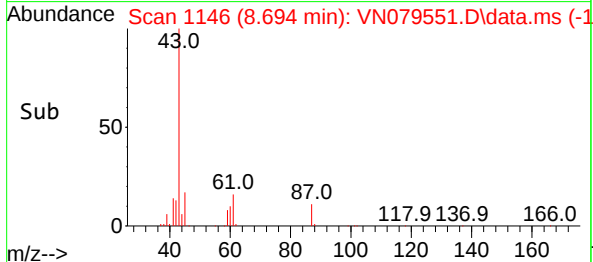
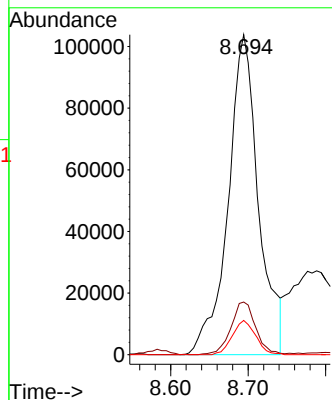
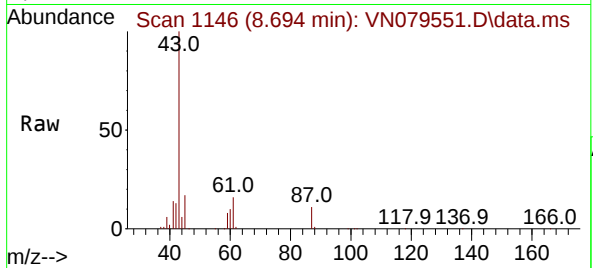




#43
Isopropyl Acetate
Concen: 39.947 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079551.D
Acq: 12 Oct 2023 17:35

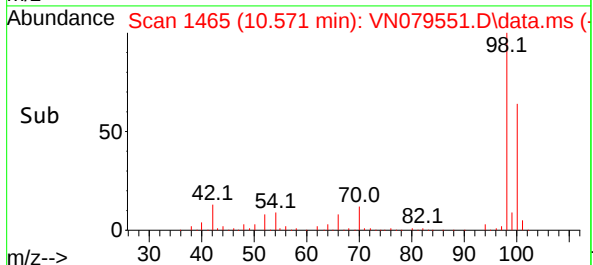
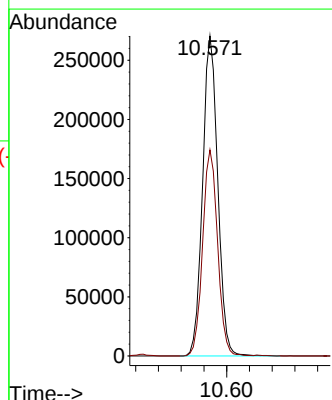
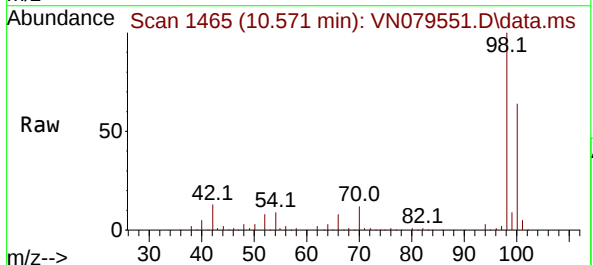
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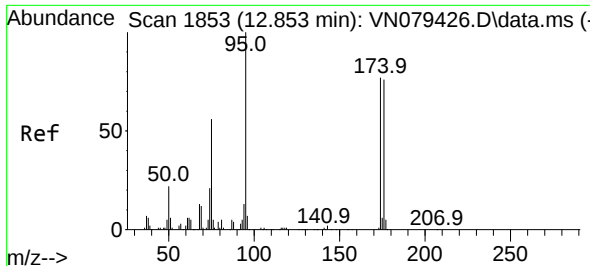
Tgt Ion: 43 Resp: 283542
Ion Ratio Lower Upper
43 100
61 13.4 24.7 37.1#
87 8.2 14.6 21.8#



#50
Toluene-d8
Concen: 50.992 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079551.D
Acq: 12 Oct 2023 17:35

Tgt Ion: 98 Resp: 500537
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

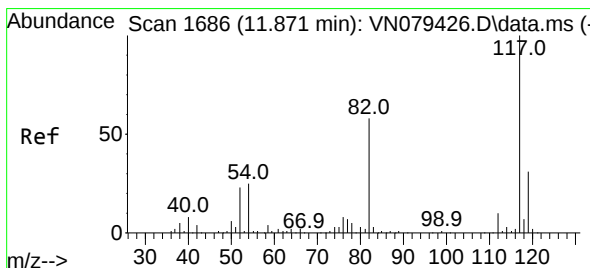
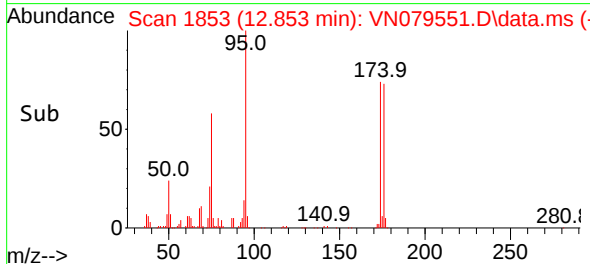
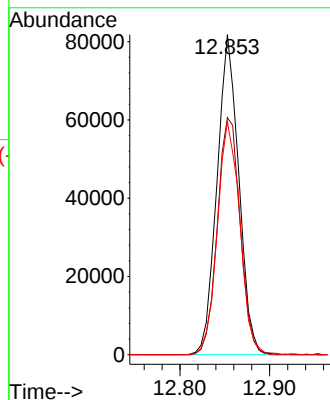
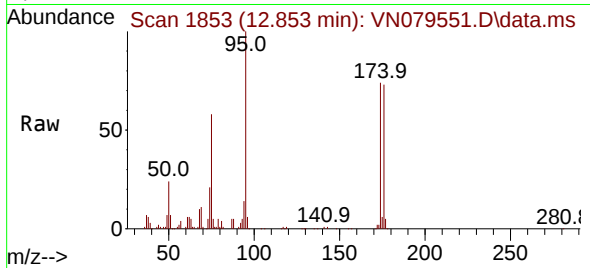




#62
4-Bromofluorobenzene
Concen: 43.666 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079551.D
Acq: 12 Oct 2023 17:35

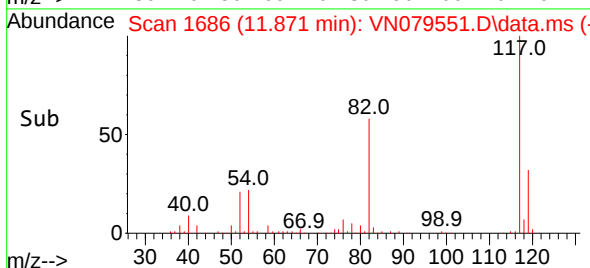
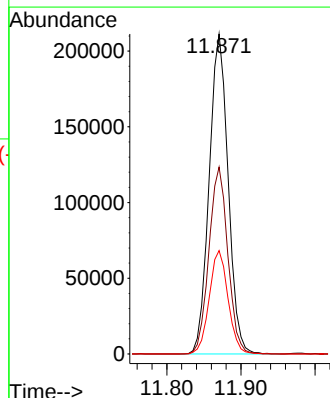
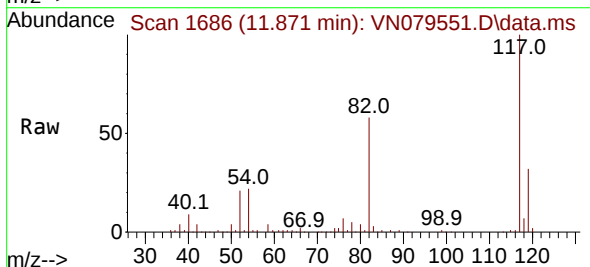
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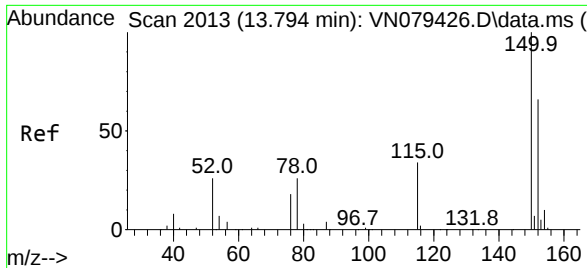
Tgt Ion: 95 Resp: 137553
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 75.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079551.D
Acq: 12 Oct 2023 17:35

Tgt Ion: 117 Resp: 374904
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079551.D
 Acq: 12 Oct 2023 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156319ZHE#02

Tgt Ion:152 Resp: 101457
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 157.8 0.0 355.8

