

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079550.D
 Acq On : 12 Oct 2023 17:11
 Operator : JC\MD
 Sample : PB156319ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156319ZHE#01

Quant Time: Oct 13 01:22:34 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)

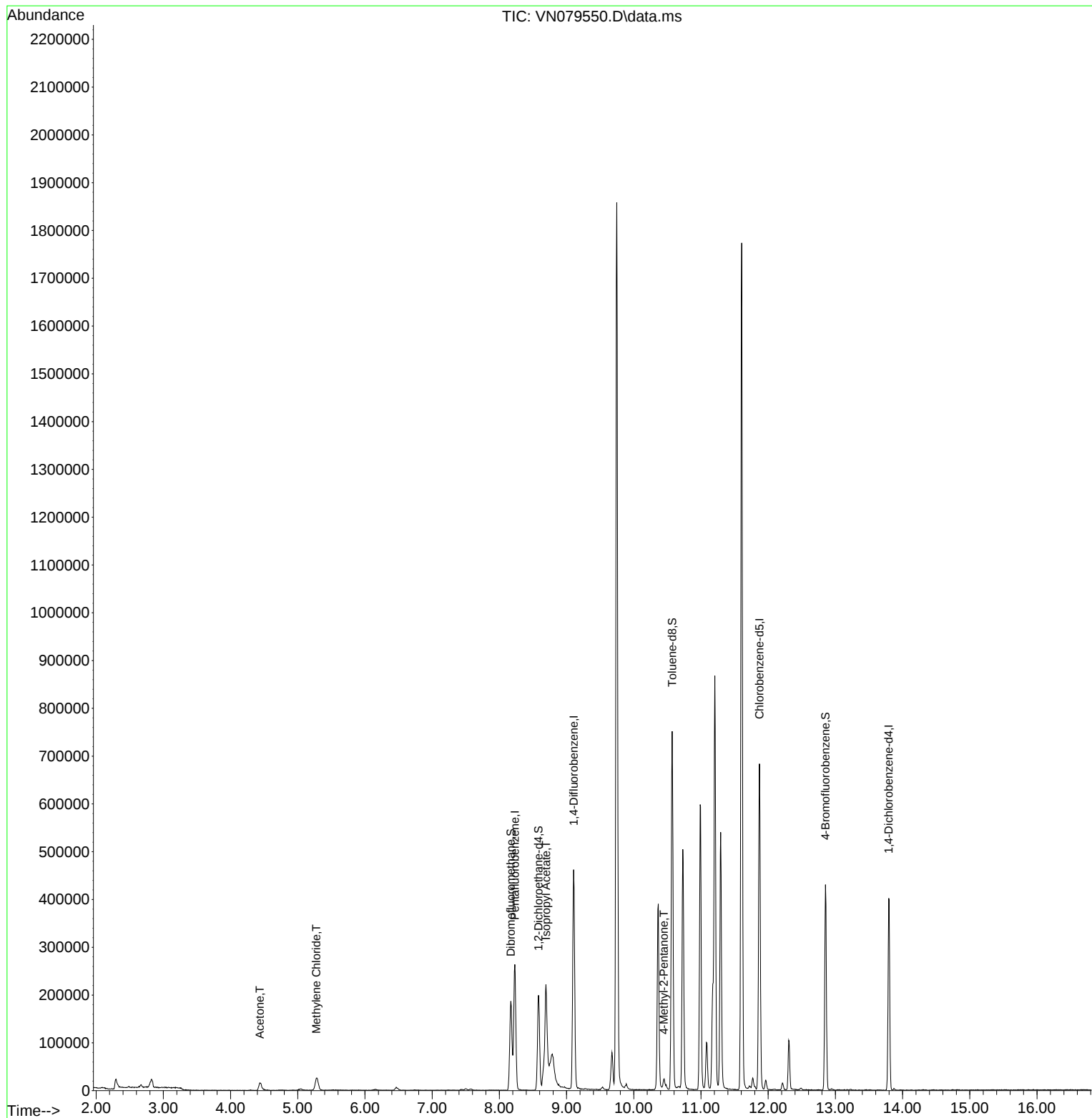
Internal Standards						
1) Pentafluorobenzene	8.230	168	181212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	381594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	381759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156012	53.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.200%
35) Dibromofluoromethane	8.171	113	133475	48.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	10.571	98	504374	50.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.853	95	140110	44.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.000%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	31274	26.836	ug/l	93
20) Methylene Chloride	5.277	84	20093	7.360	ug/l #	86
43) Isopropyl Acetate	8.694	43	280025	39.029	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	20930	5.168	ug/l #	72

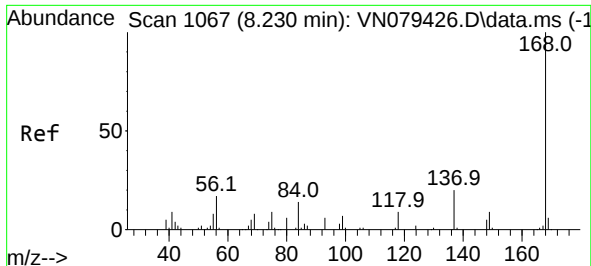
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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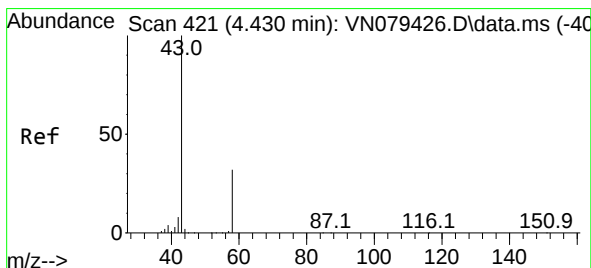
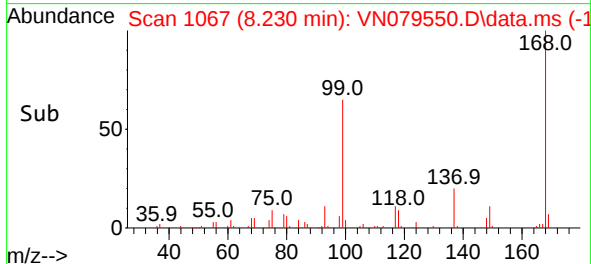
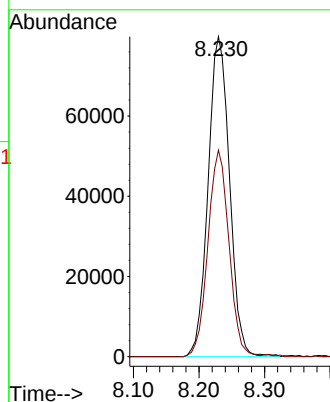
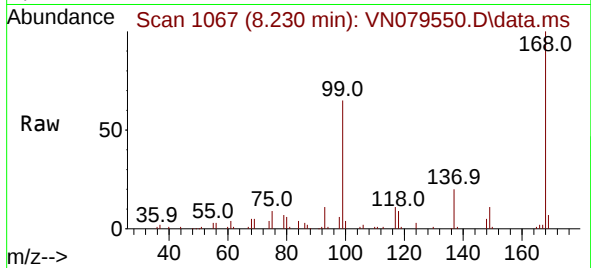




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

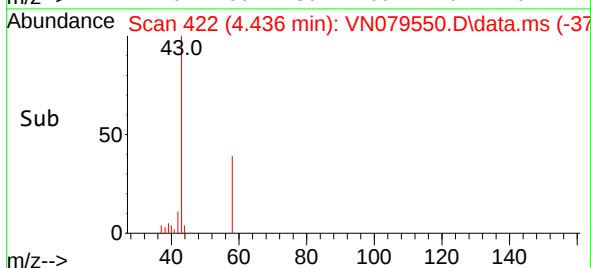
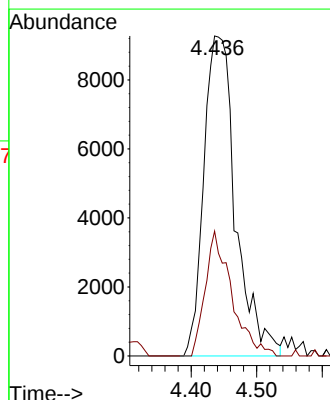
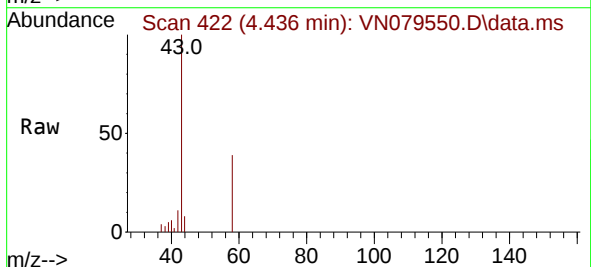
Instrument :
MSVOA_N
ClientSampleId :
PB156319ZHE#01

Tgt Ion:168 Resp: 181212
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#16
Acetone
Concen: 26.836 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

Tgt Ion: 43 Resp: 31274
Ion Ratio Lower Upper
43 100
58 39.0 28.0 42.0

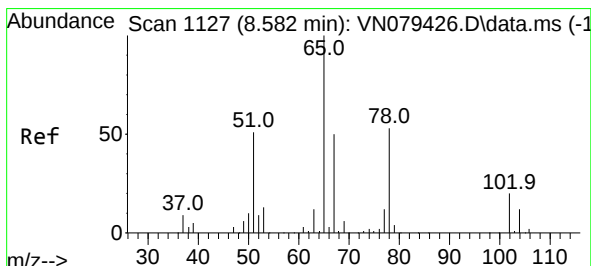
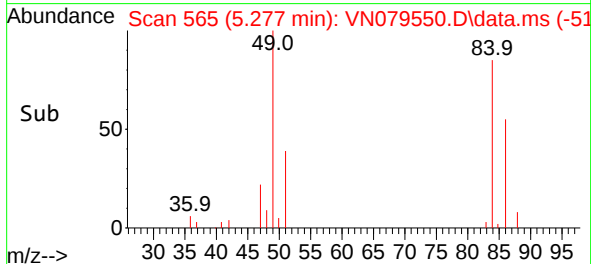
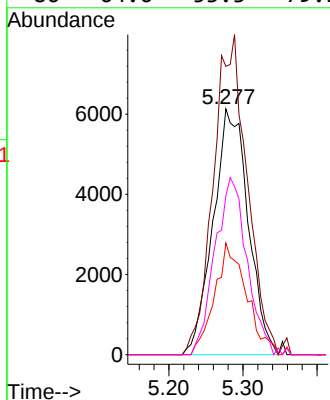
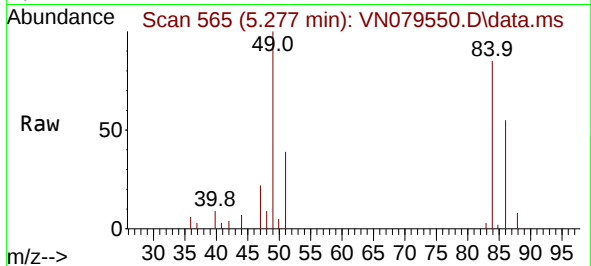




#20
Methylene Chloride
Concen: 7.360 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

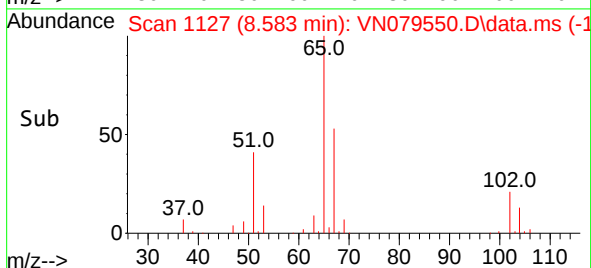
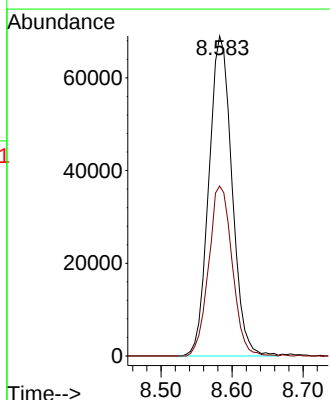
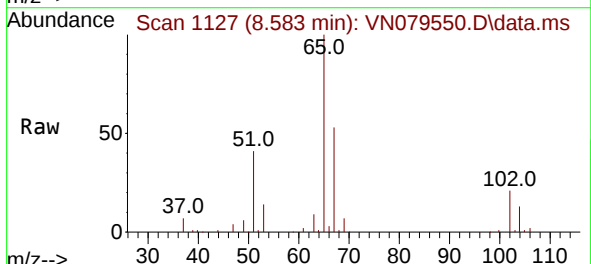
Instrument :
MSVOA_N
ClientSampleId :
PB156319ZHE#01

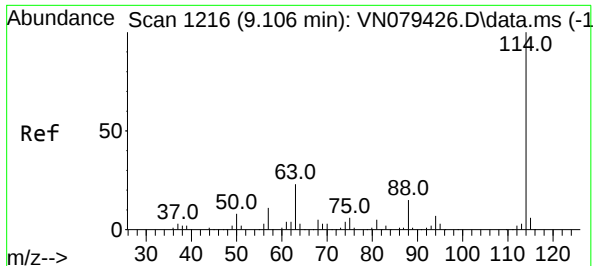
Tgt Ion:	84	Resp:	20093
Ion	Ratio	Lower	Upper
84	100		
49	117.3	79.7	119.5
51	45.4	25.2	37.8#
86	64.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.098 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

Tgt Ion:	65	Resp:	156012
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079550.D

Acq: 12 Oct 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

PB156319ZHE#01

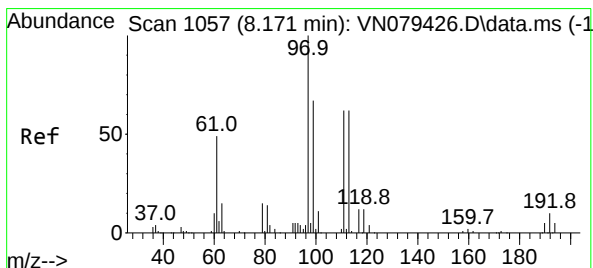
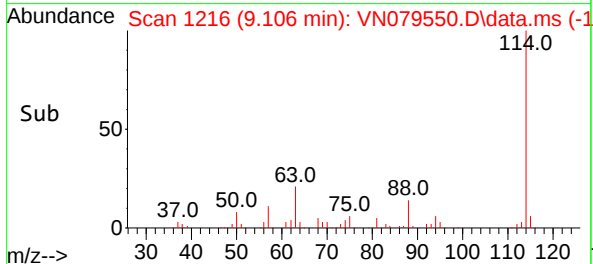
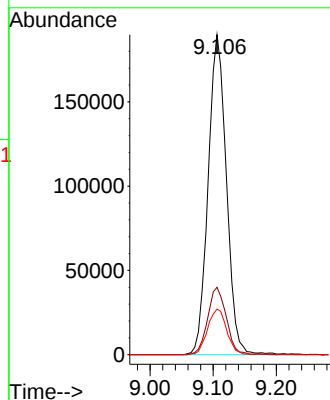
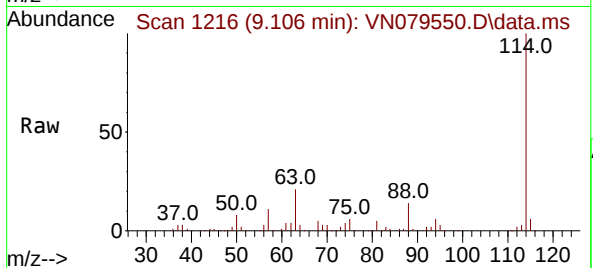
Tgt Ion:114 Resp: 381594

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.673 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079550.D

Acq: 12 Oct 2023 17:11

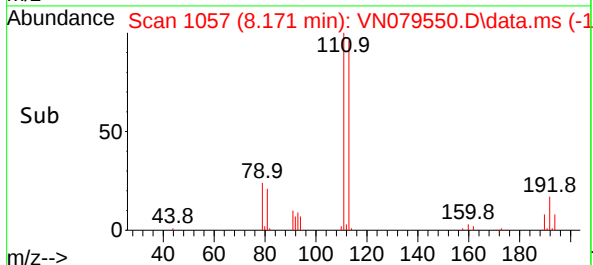
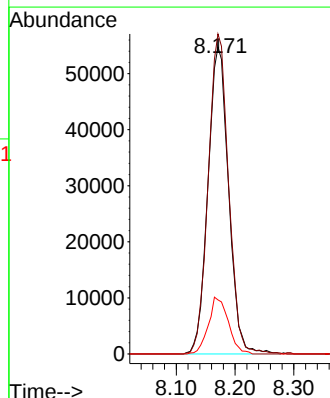
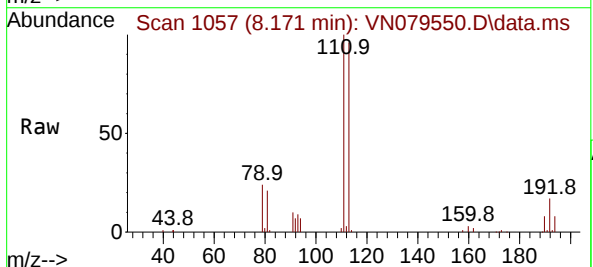
Tgt Ion:113 Resp: 133475

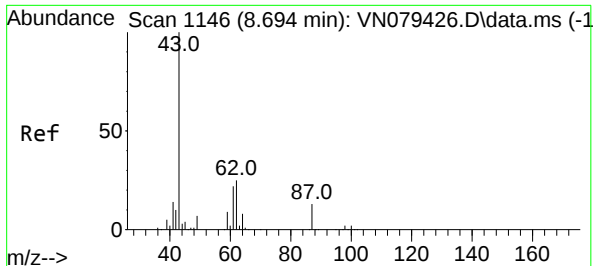
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.9 12.7 19.1

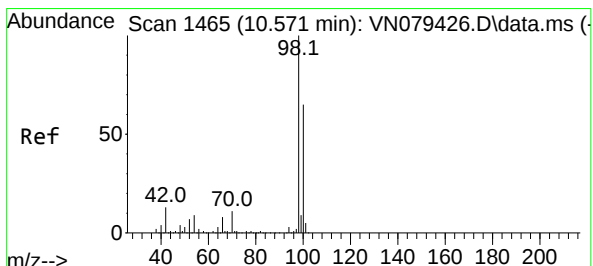
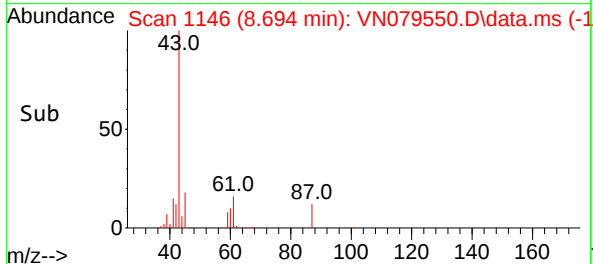
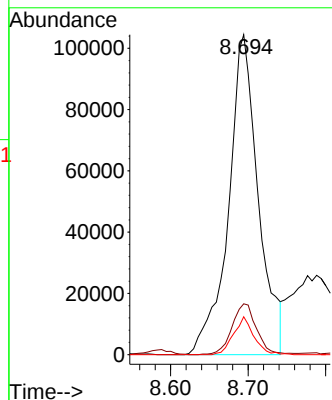
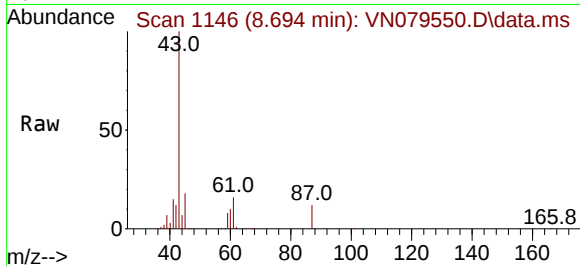




#43
Isopropyl Acetate
Concen: 39.029 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

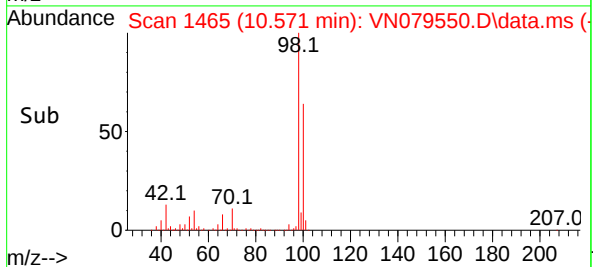
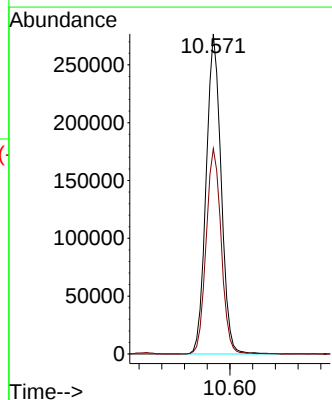
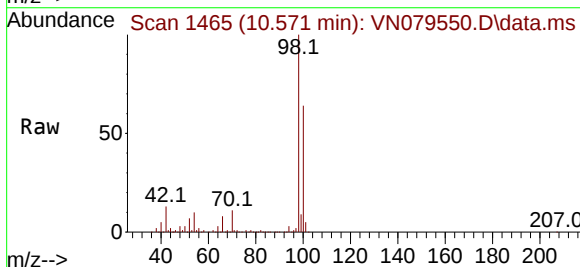
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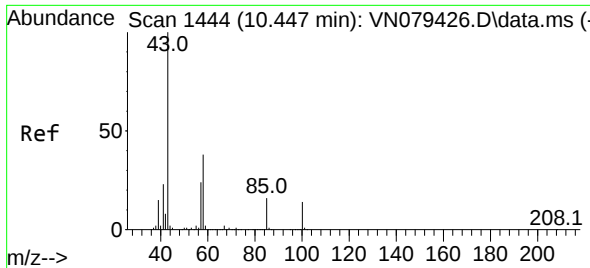
Tgt Ion: 43 Resp: 280025
Ion Ratio Lower Upper
43 100
61 13.1 24.7 37.1#
87 8.1 14.6 21.8#



#50
Toluene-d8
Concen: 50.832 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

Tgt Ion: 98 Resp: 504374
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

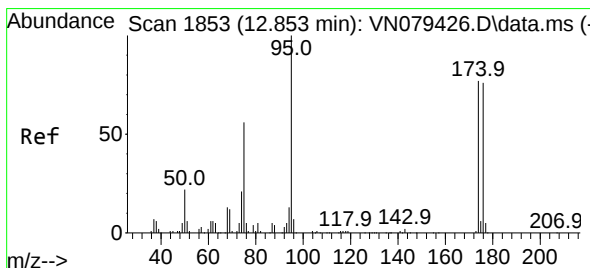
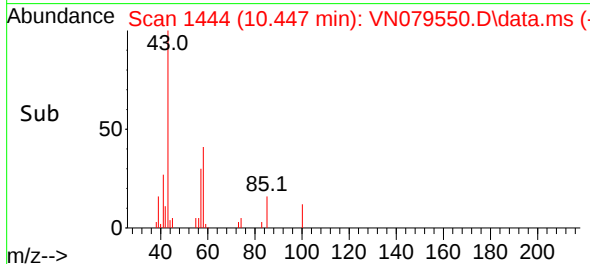
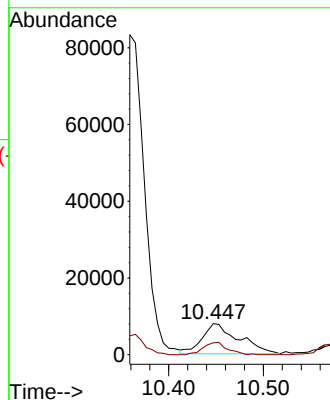
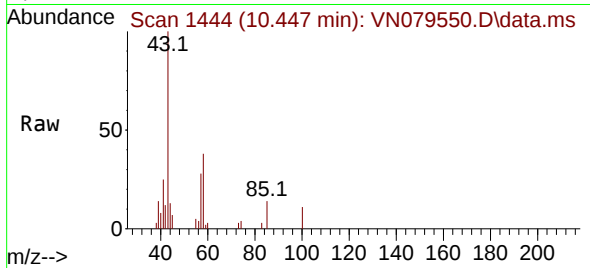




#51
4-Methyl-2-Pentanone
Concen: 5.168 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

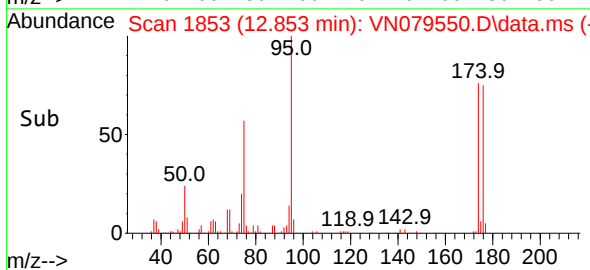
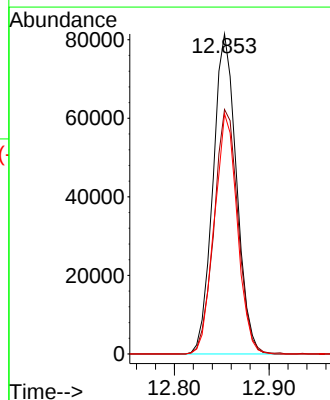
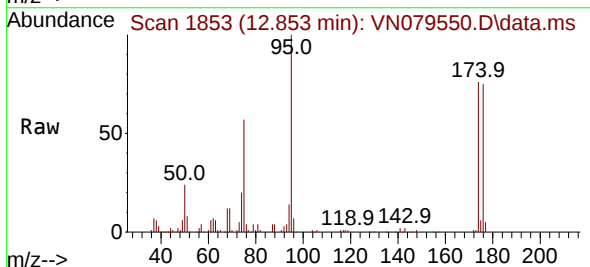
Instrument :
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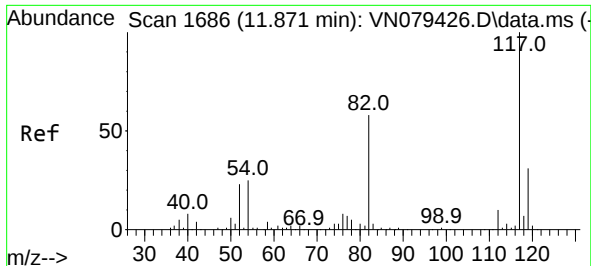
Tgt Ion: 43 Resp: 20930
Ion Ratio Lower Upper
43 100
58 27.1 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 44.001 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

Tgt Ion: 95 Resp: 140110
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 73.6 0.0 135.8

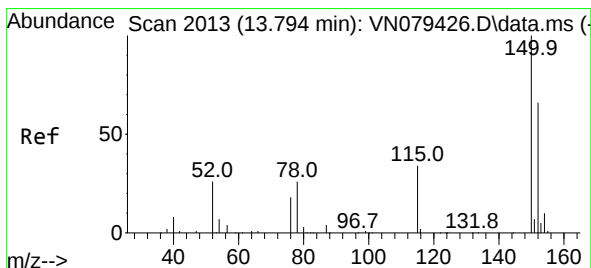
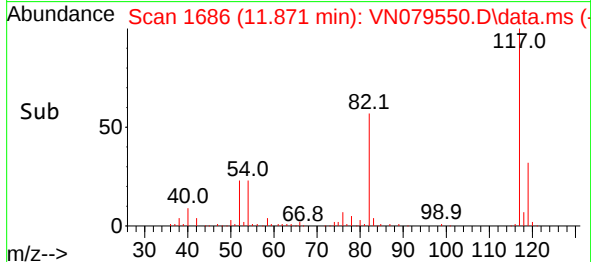
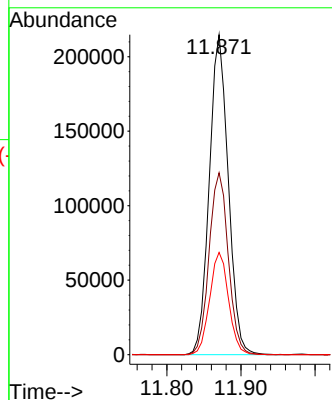
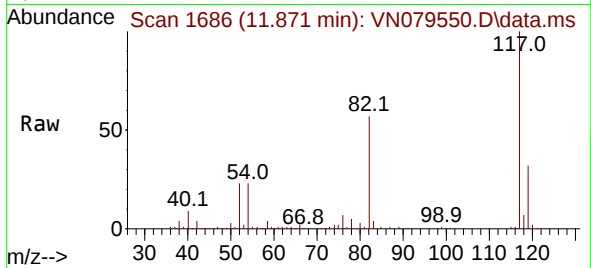




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 381759
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079550.D
Acq: 12 Oct 2023 17:11

Tgt Ion:152 Resp: 104823
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 154.5 0.0 355.8

