

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079453.D
 Acq On : 06 Oct 2023 17:31
 Operator : JC\MD
 Sample : PB156147ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156147ZHE#08

Quant Time: Oct 06 23:06:33 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)

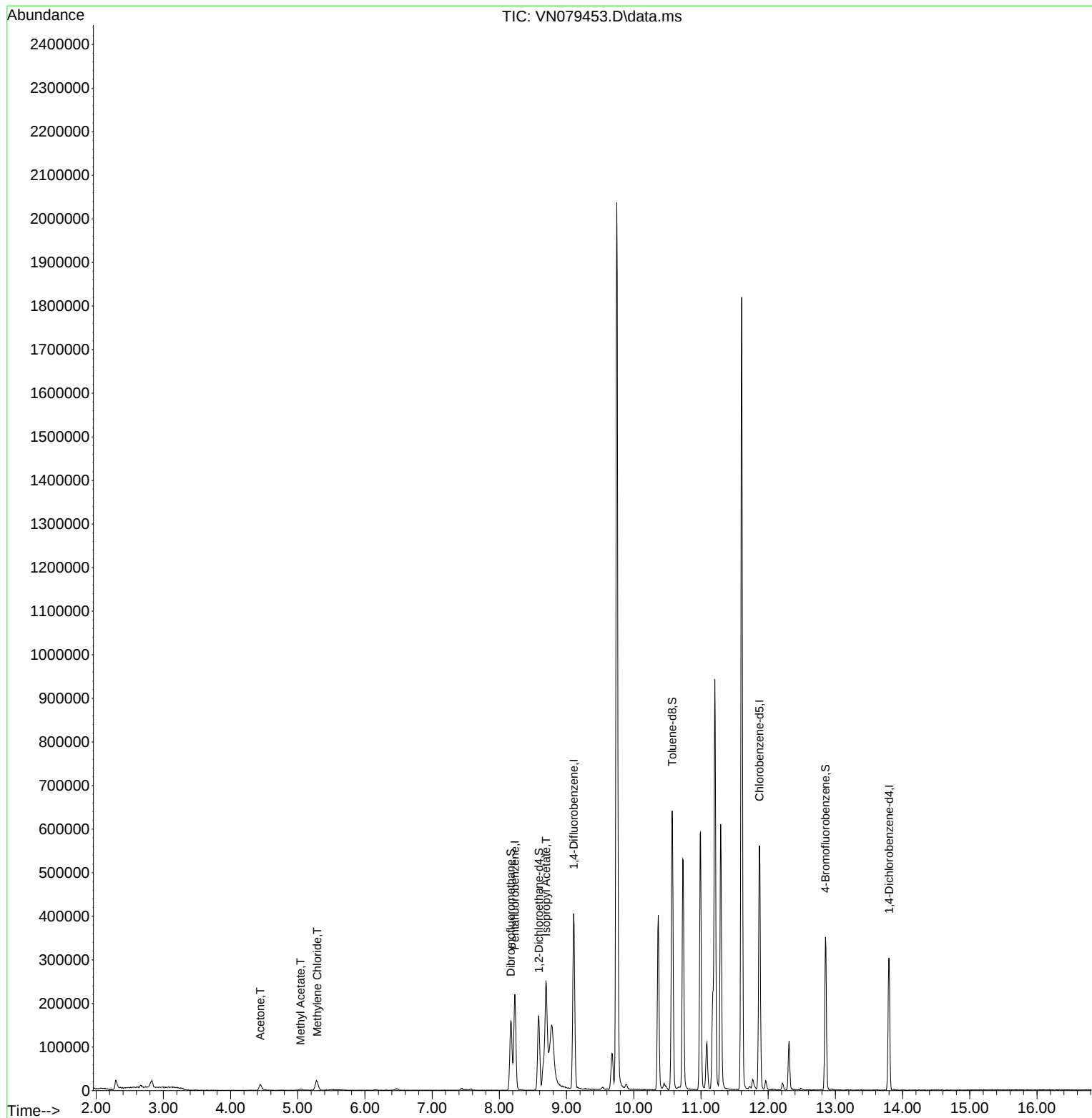
Internal Standards						
1) Pentafluorobenzene	8.229	168	151425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	332532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	326256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	83262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	138860	56.557	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.120%	
35) Dibromofluoromethane	8.171	113	114113	47.752	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.500%	
50) Toluene-d8	10.571	98	435816	50.403	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.800%	
62) 4-Bromofluorobenzene	12.853	95	116158	41.861	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	83.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	25100	25.775	ug/l #	86
18) Methyl Acetate	5.041	43	6365	1.335	ug/l #	61
20) Methylene Chloride	5.289	84	16243	7.100	ug/l	95
43) Isopropyl Acetate	8.694	43	328127	52.480	ug/l #	69

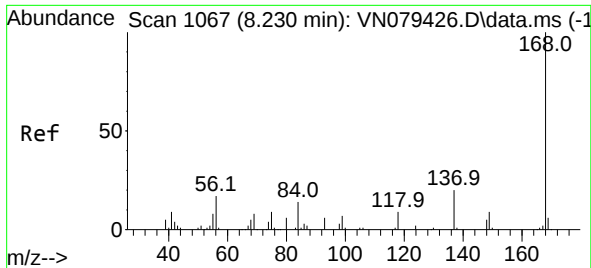
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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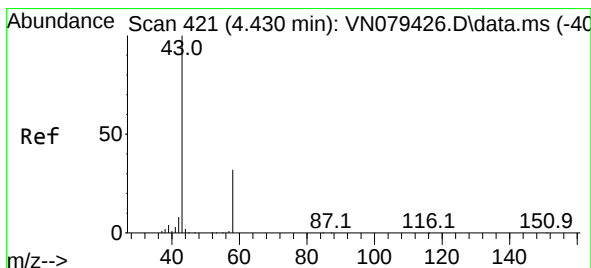
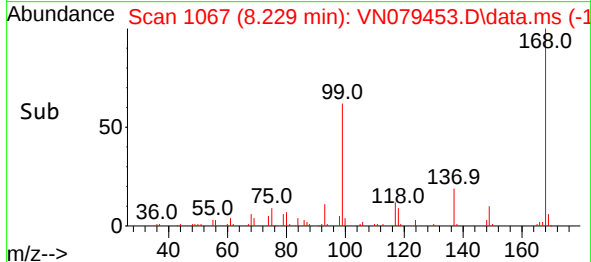
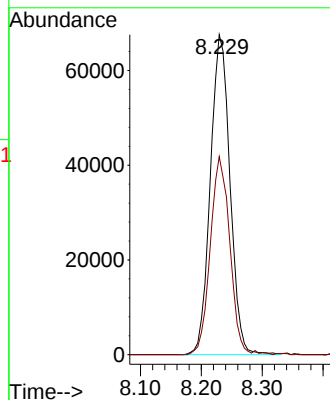
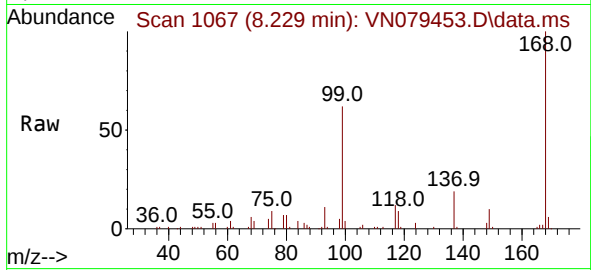




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079453.D
Acq: 06 Oct 2023 17:31

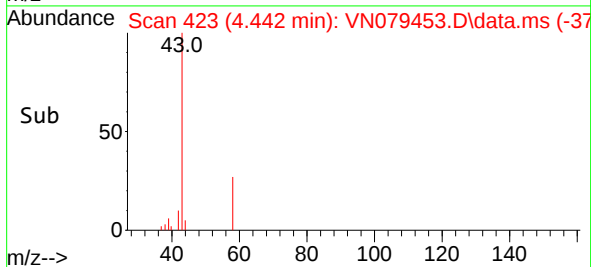
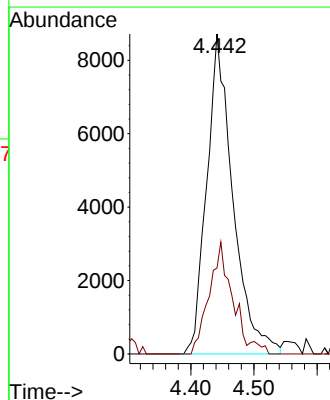
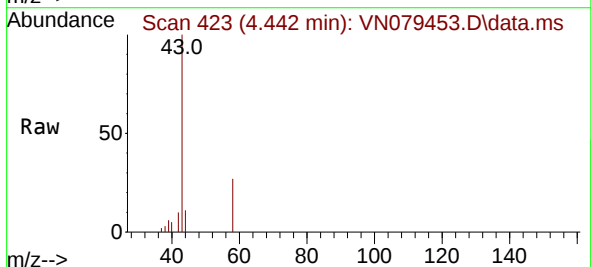
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#08

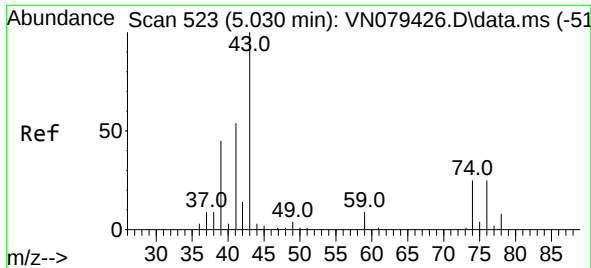
Tgt Ion:168 Resp: 151425
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6



#16
Acetone
Concen: 25.775 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079453.D
Acq: 06 Oct 2023 17:31

Tgt Ion: 43 Resp: 25100
Ion Ratio Lower Upper
43 100
58 26.8 28.0 42.0#

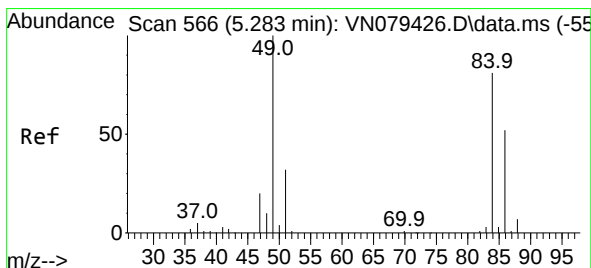
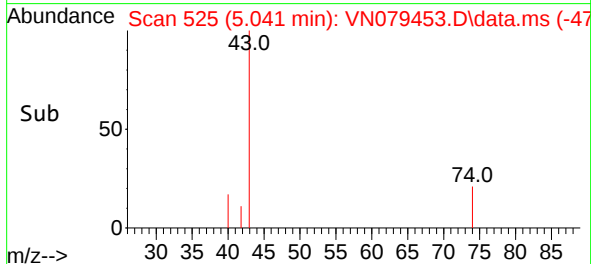
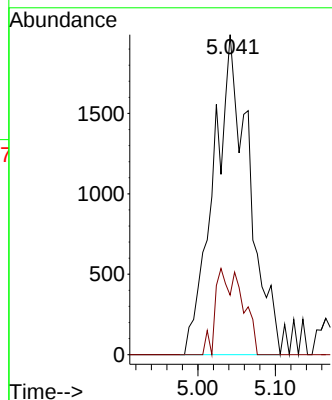
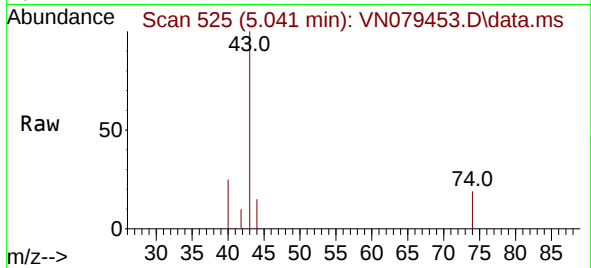




#18
Methyl Acetate
Concen: 1.335 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079453.D
Acq: 06 Oct 2023 17:31

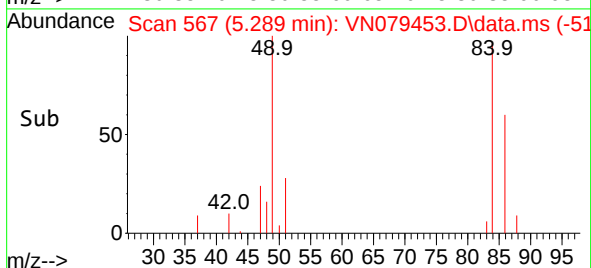
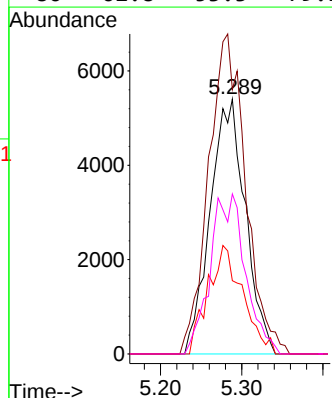
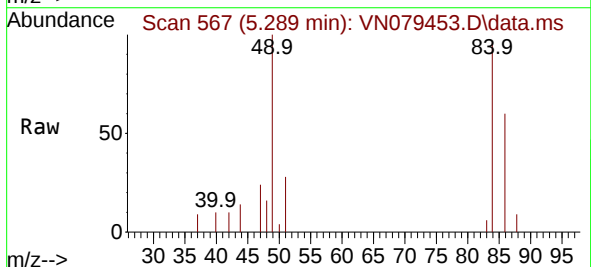
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#08

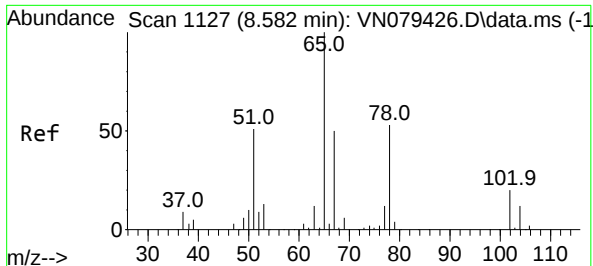
Tgt Ion: 43 Resp: 6365
Ion Ratio Lower Upper
43 100
74 10.7 26.2 39.4#



#20
Methylene Chloride
Concen: 7.100 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079453.D
Acq: 06 Oct 2023 17:31

Tgt Ion: 84 Resp: 16243
Ion Ratio Lower Upper
84 100
49 103.8 79.7 119.5
51 28.8 25.2 37.8
86 62.8 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 56.557 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN079453.D

Acq: 06 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

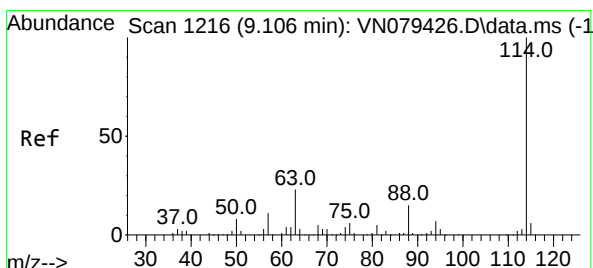
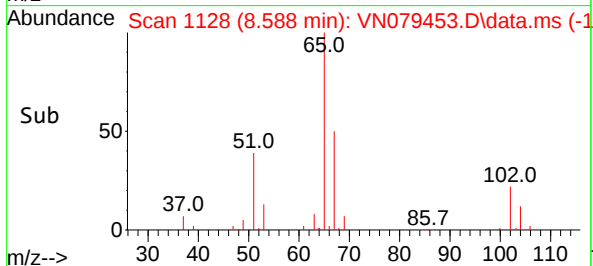
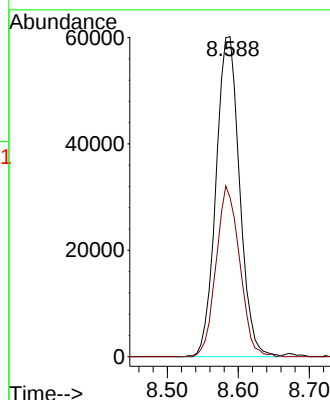
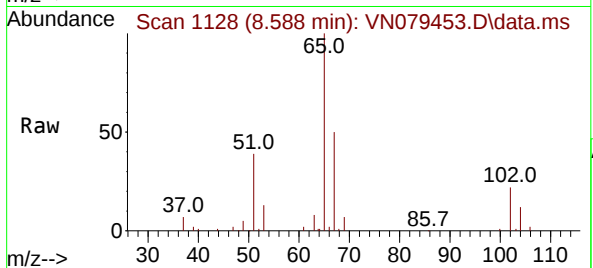
PB156147ZHE#08

Tgt Ion: 65 Resp: 138860

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079453.D

Acq: 06 Oct 2023 17:31

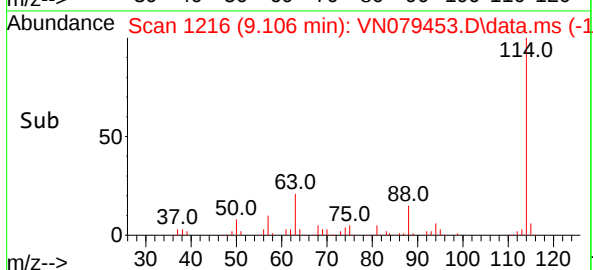
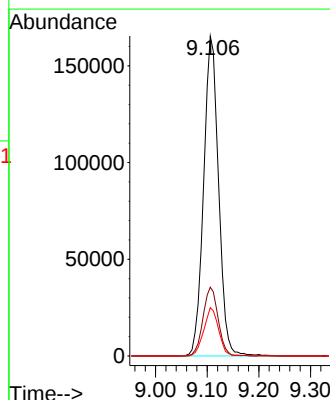
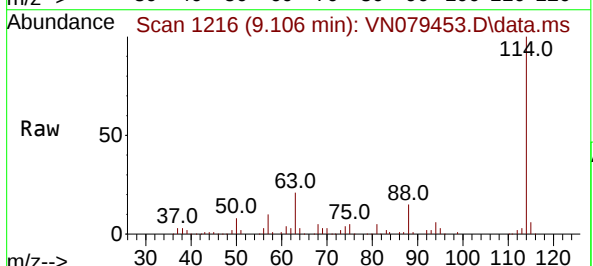
Tgt Ion: 114 Resp: 332532

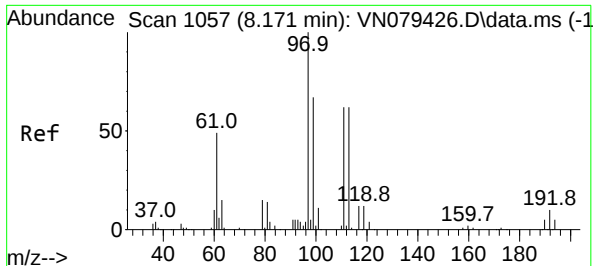
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.752 ug/l

RT: 8.171 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN079453.D

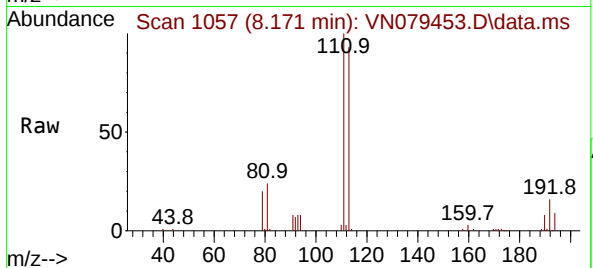
Acq: 06 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB156147ZHE#08



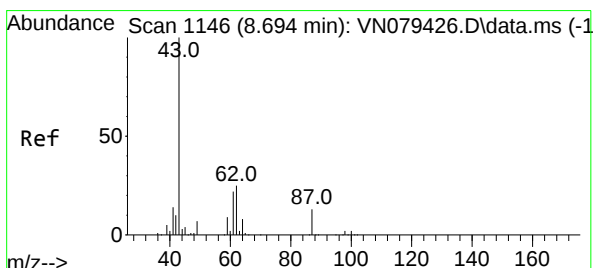
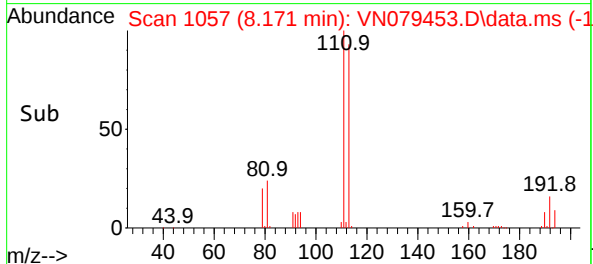
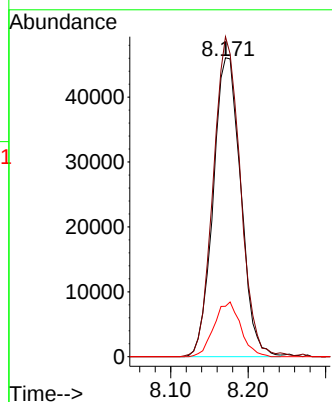
Tgt Ion:113 Resp: 114113

Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 17.6 12.7 19.1



#43

Isopropyl Acetate

Concen: 52.480 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079453.D

Acq: 06 Oct 2023 17:31

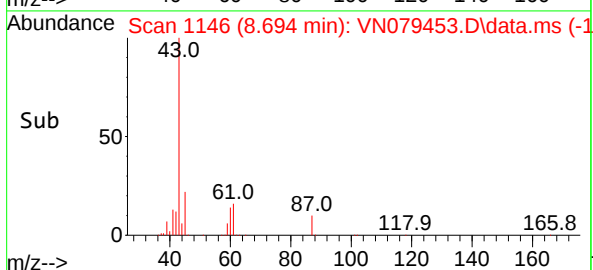
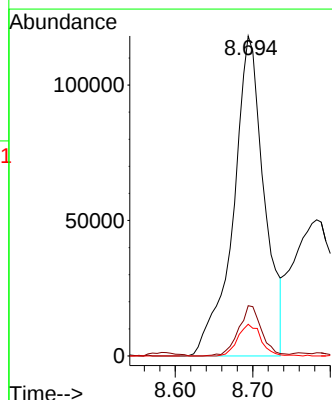
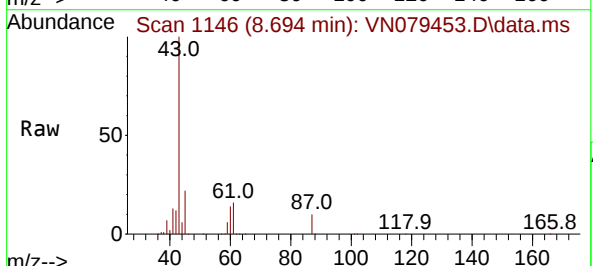
Tgt Ion: 43 Resp: 328127

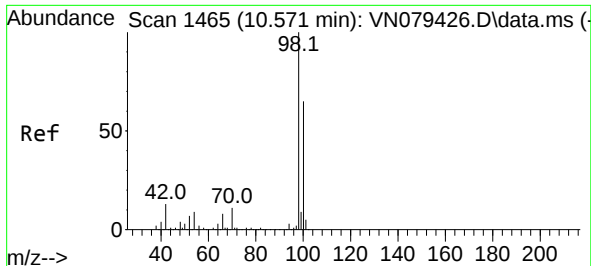
Ion Ratio Lower Upper

43 100

61 11.7 24.7 37.1#

87 7.5 14.6 21.8#

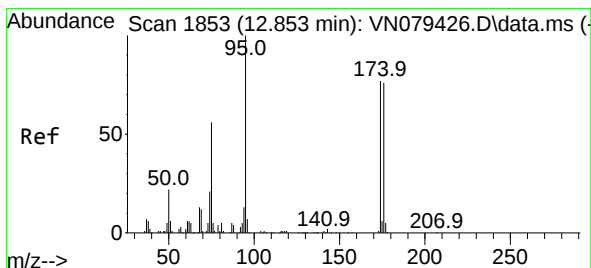
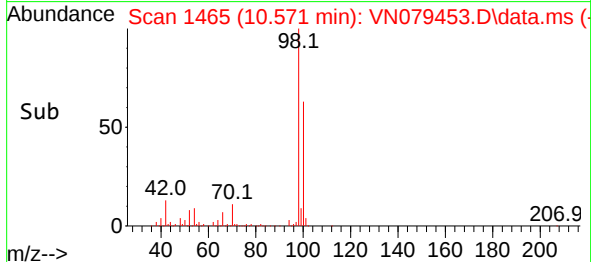
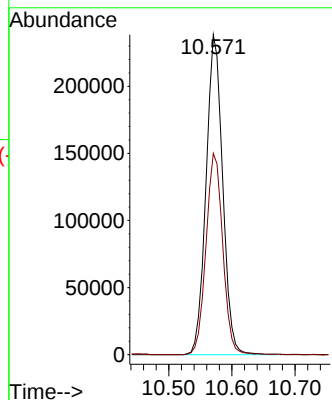
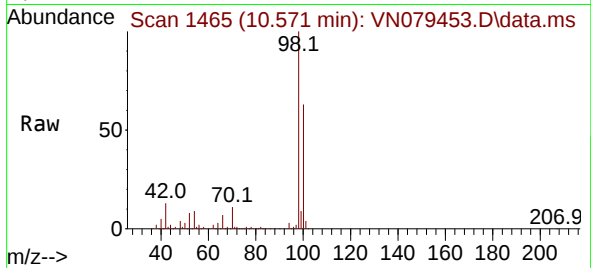




#50
Toluene-d8
Concen: 50.403 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079453.D
Acq: 06 Oct 2023 17:31

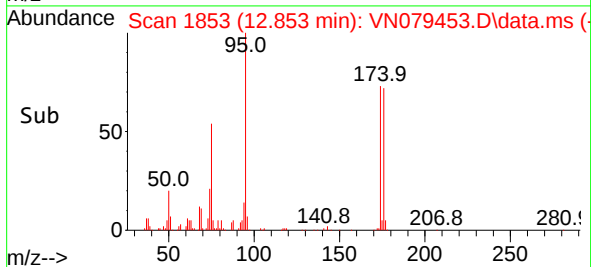
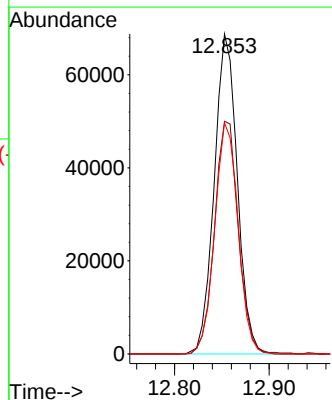
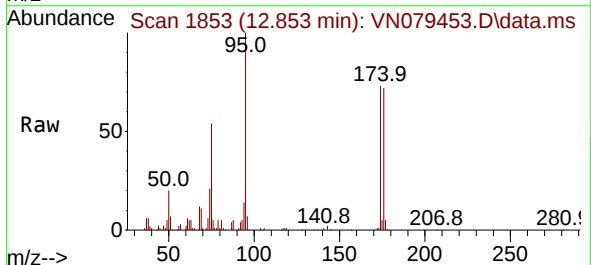
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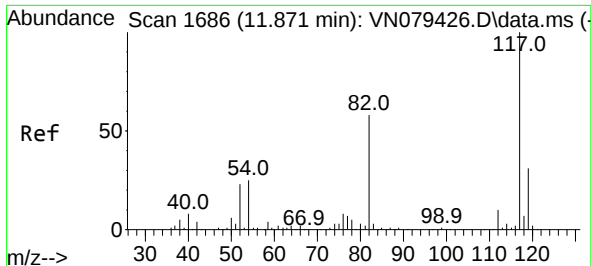
Tgt Ion: 98 Resp: 435816
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079453.D
Acq: 06 Oct 2023 17:31

Tgt Ion: 95 Resp: 116158
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 73.4 0.0 135.8

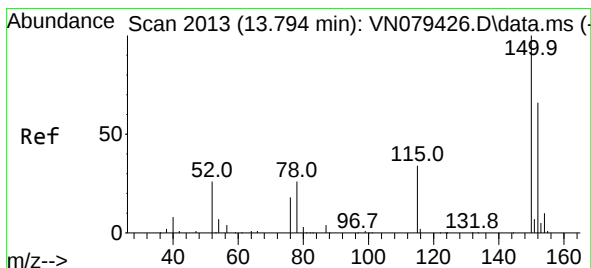
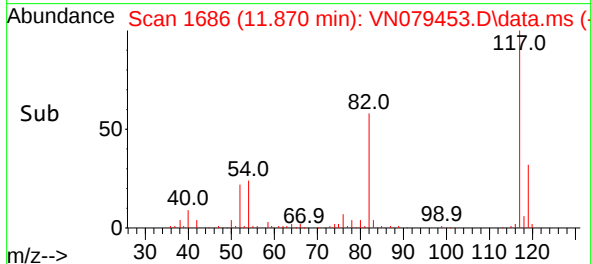
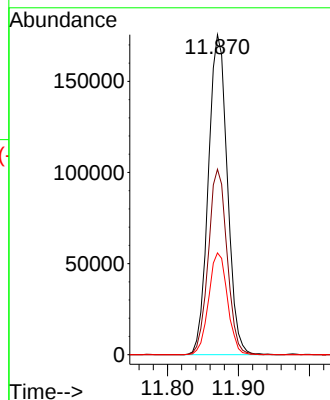
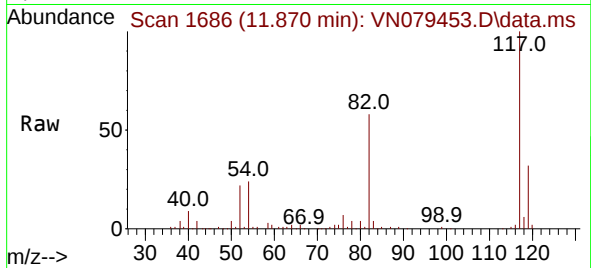




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079453.D
Acq: 06 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#08

Tgt Ion:117 Resp: 326256
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079453.D
Acq: 06 Oct 2023 17:31

Tgt Ion:152 Resp: 83262
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 152.8 0.0 355.8

