

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079556.D
 Acq On : 12 Oct 2023 19:35
 Operator : JC\MD
 Sample : PB156319ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156319ZHE#07

Quant Time: Oct 13 01:25:33 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)

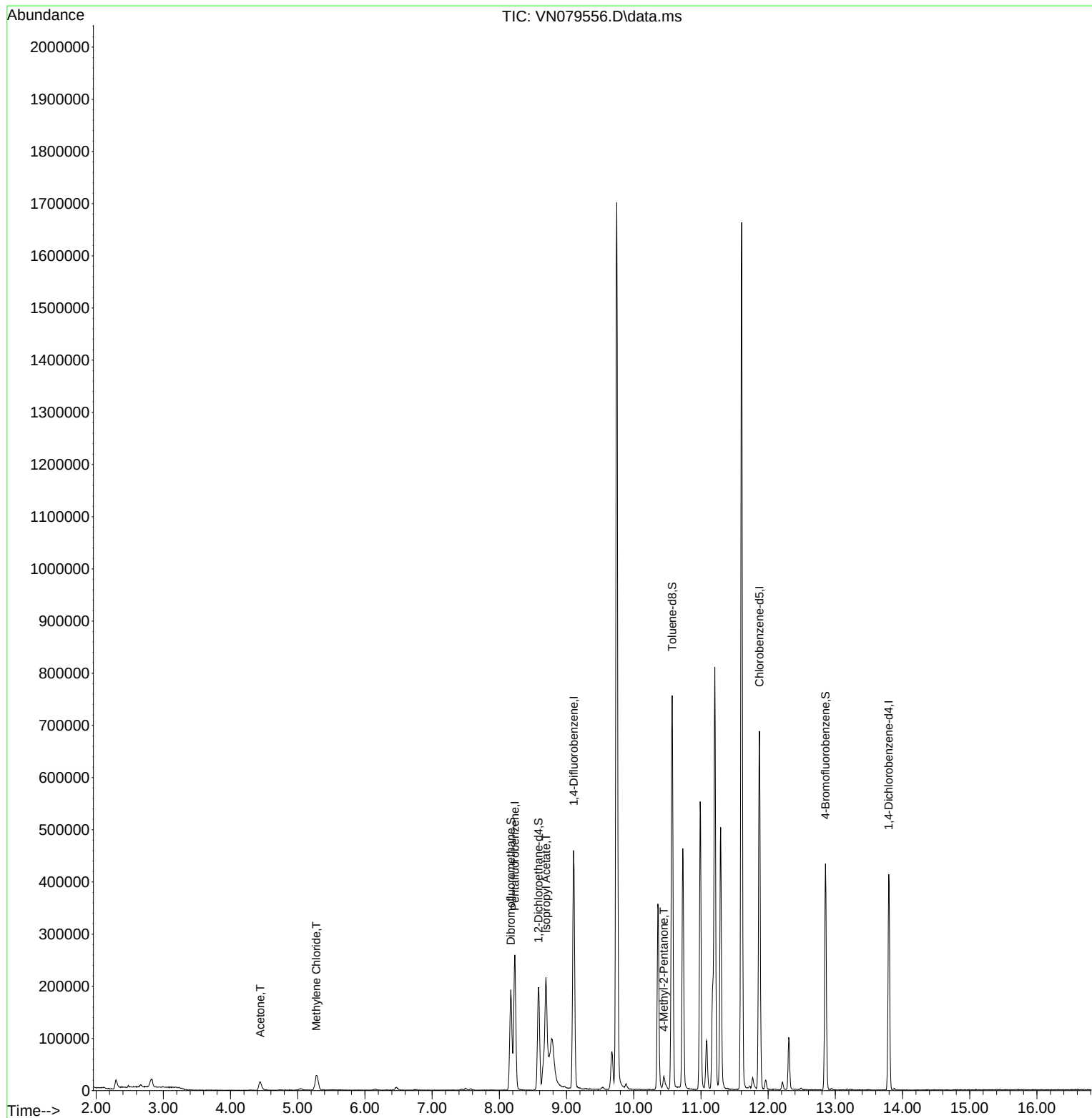
Internal Standards						
1) Pentafluorobenzene	8.230	168	177869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	382313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	381601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	164266	56.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.920%
35) Dibromofluoromethane	8.171	113	135012	49.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.280%
50) Toluene-d8	10.571	98	510689	51.372	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.853	95	145182	45.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.020%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	32663	28.554	ug/l	90
20) Methylene Chloride	5.277	84	22945	8.662	ug/l #	84
43) Isopropyl Acetate	8.694	43	281424	39.150	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	23627	5.823	ug/l #	71

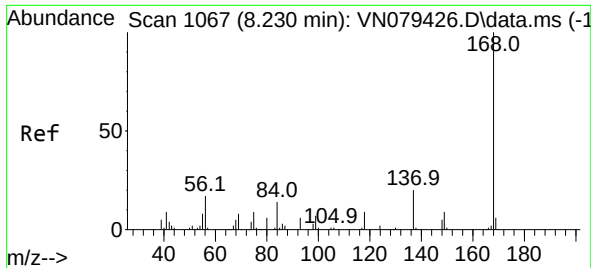
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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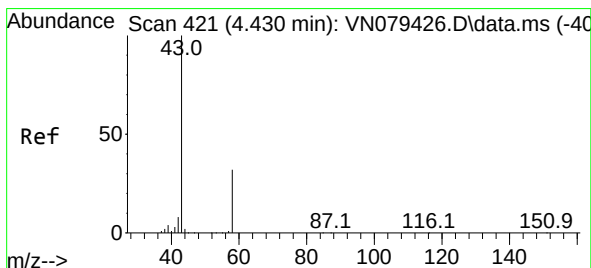
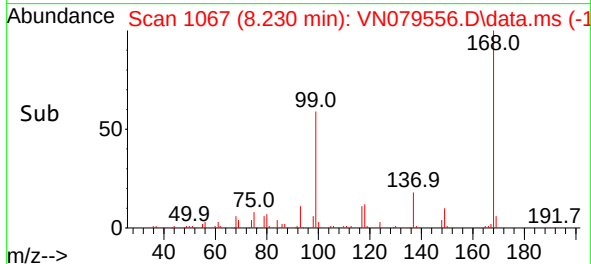
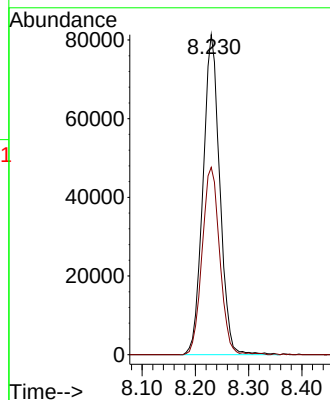
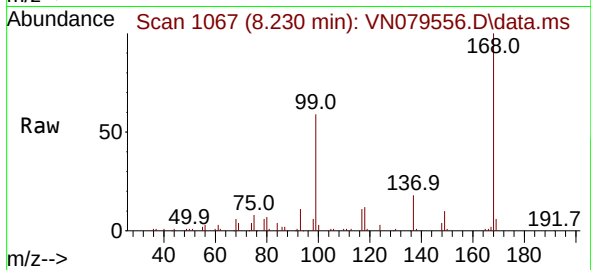




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079556.D
Acq: 12 Oct 2023 19:35

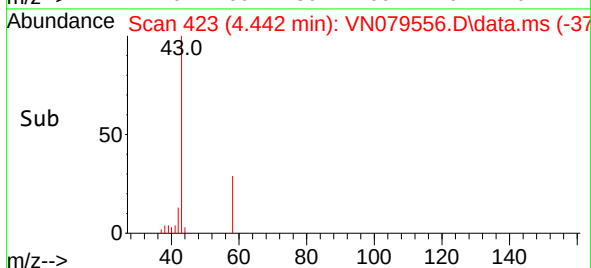
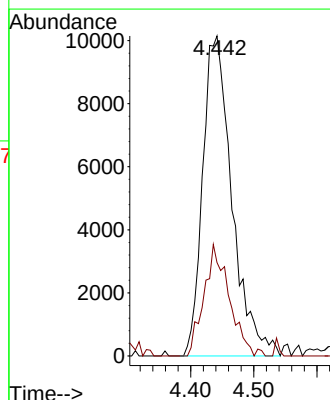
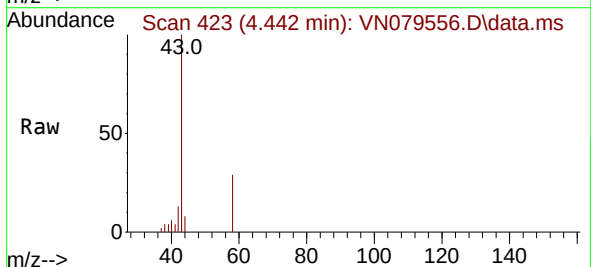
Instrument :
MSVOA_N
ClientSampleId :
PB156319ZHE#07

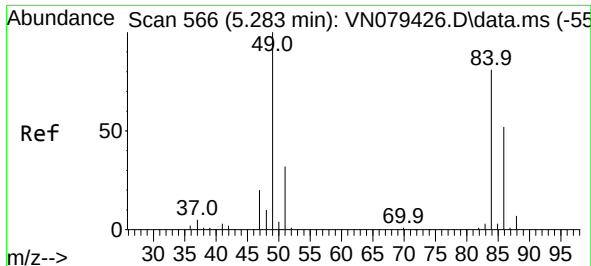
Tgt Ion:168 Resp: 177869
Ion Ratio Lower Upper
168 100
99 58.6 53.0 79.6



#16
Acetone
Concen: 28.554 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079556.D
Acq: 12 Oct 2023 19:35

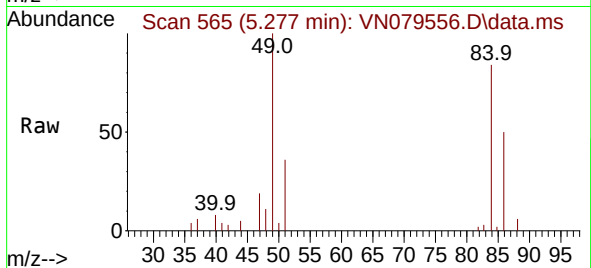
Tgt Ion: 43 Resp: 32663
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0



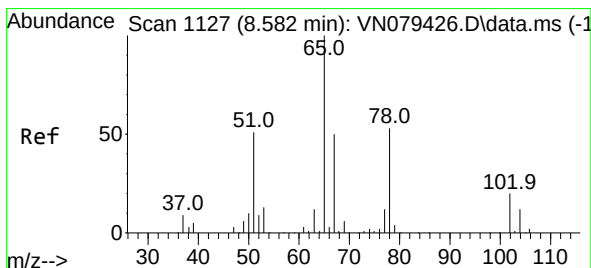
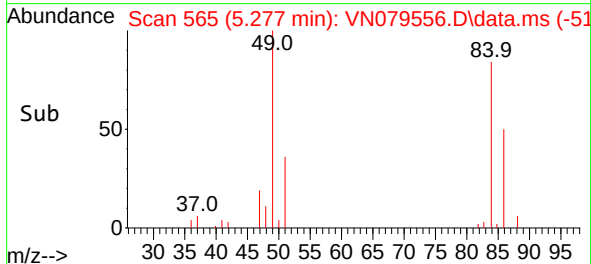
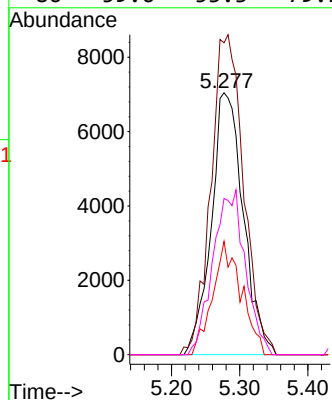


#20
Methylene Chloride
Concen: 8.662 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079556.D
Acq: 12 Oct 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
PB156319ZHE#07

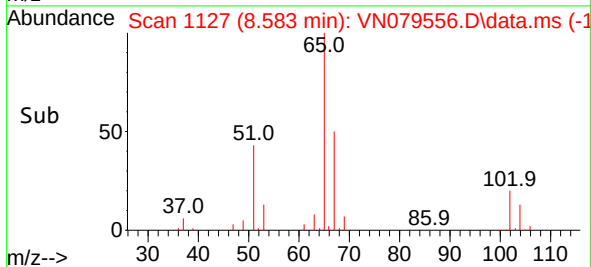
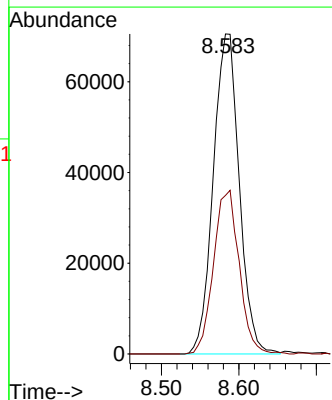
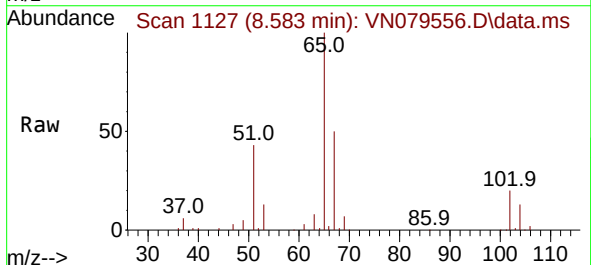


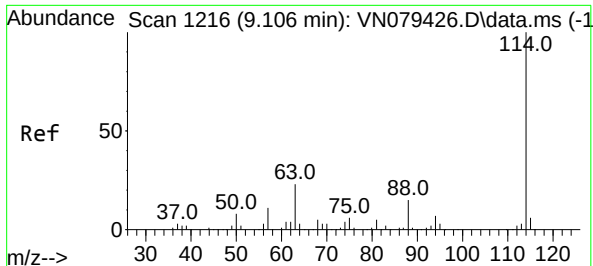
Tgt Ion:	84	Resp:	22945
Ion	Ratio	Lower	Upper
84	100		
49	119.0	79.7	119.5
51	43.3	25.2	37.8#
86	59.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.958 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079556.D
Acq: 12 Oct 2023 19:35

Tgt Ion:	65	Resp:	164266
Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VN079556.D

Acq: 12 Oct 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

PB156319ZHE#07

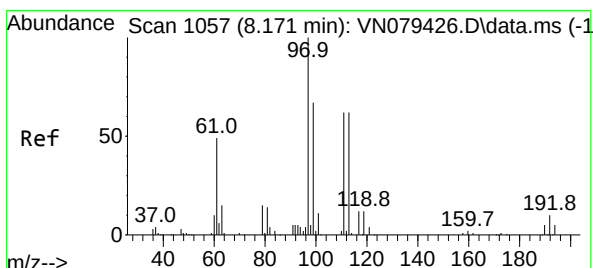
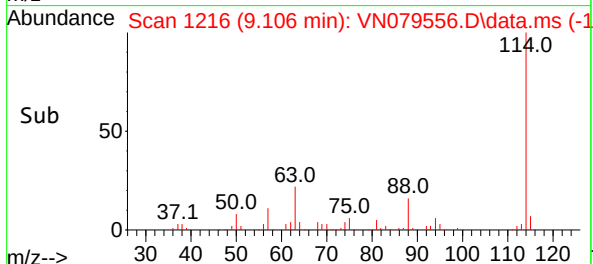
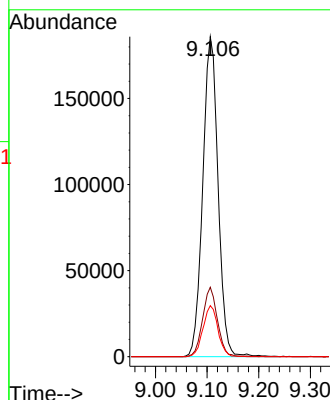
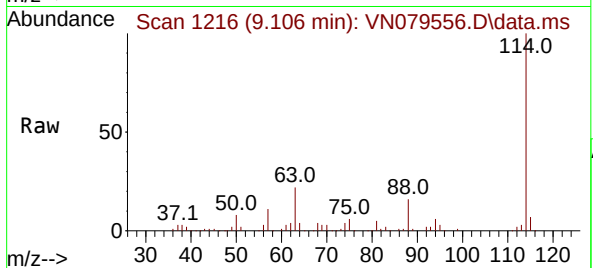
Tgt Ion:114 Resp: 382313

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.141 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079556.D

Acq: 12 Oct 2023 19:35

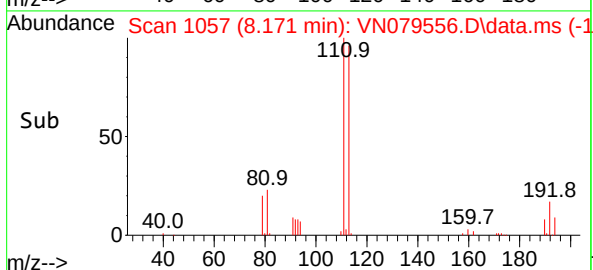
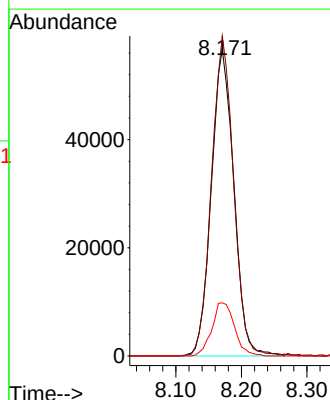
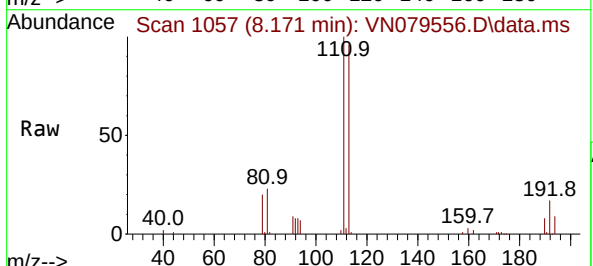
Tgt Ion:113 Resp: 135012

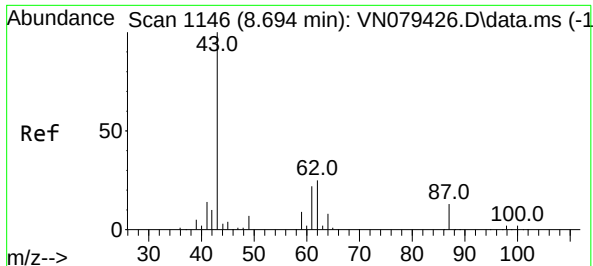
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.4 12.7 19.1





#43

Isopropyl Acetate

Concen: 39.150 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079556.D

Acq: 12 Oct 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

PB156319ZHE#07

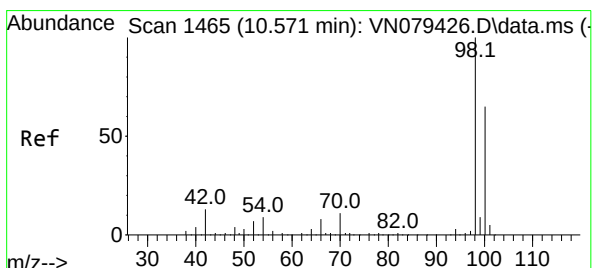
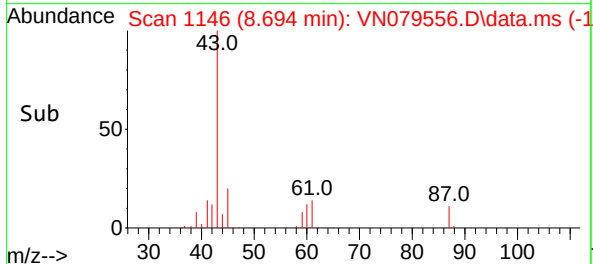
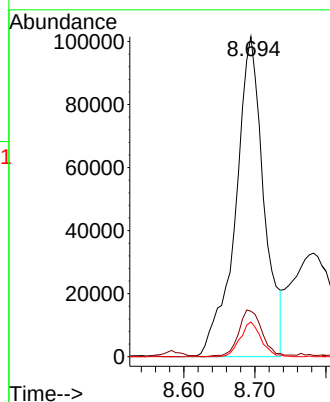
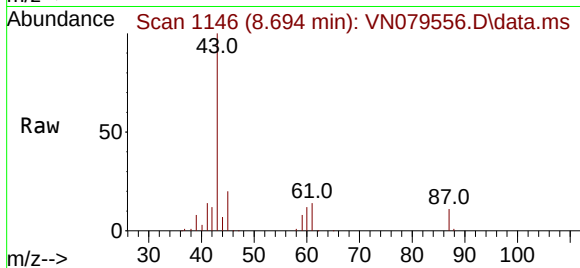
Tgt Ion: 43 Resp: 281424

Ion Ratio Lower Upper

43 100

61 12.1 24.7 37.1#

87 8.0 14.6 21.8#



#50

Toluene-d8

Concen: 51.372 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079556.D

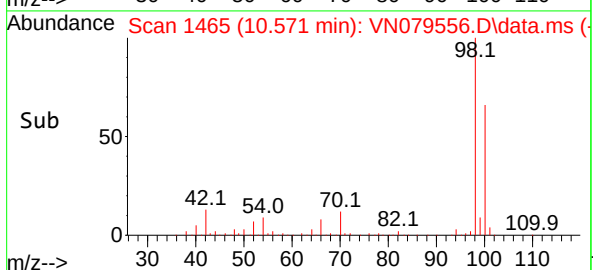
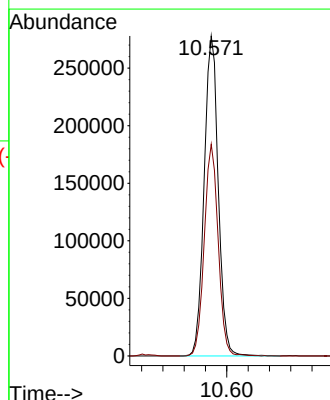
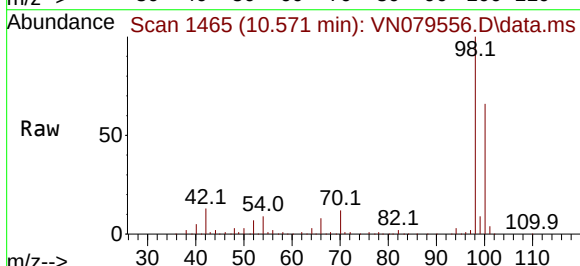
Acq: 12 Oct 2023 19:35

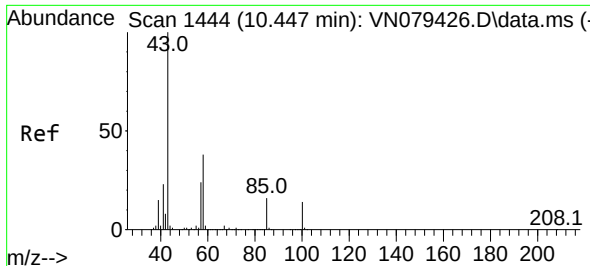
Tgt Ion: 98 Resp: 510689

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

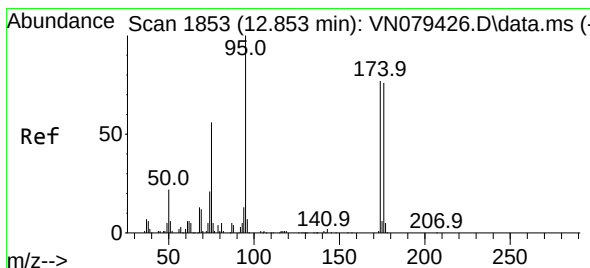
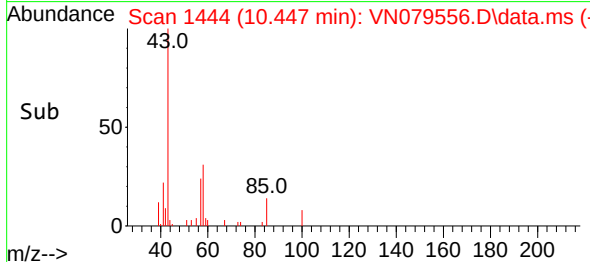
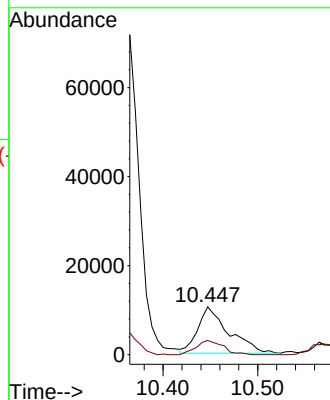
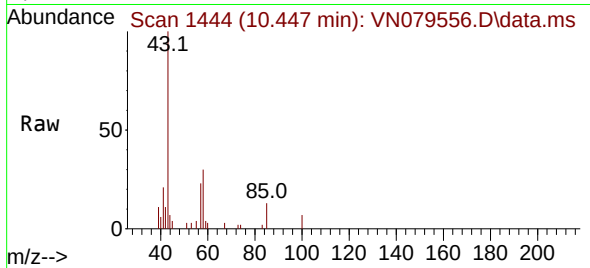




#51
4-Methyl-2-Pentanone
Concen: 5.823 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079556.D
Acq: 12 Oct 2023 19:35

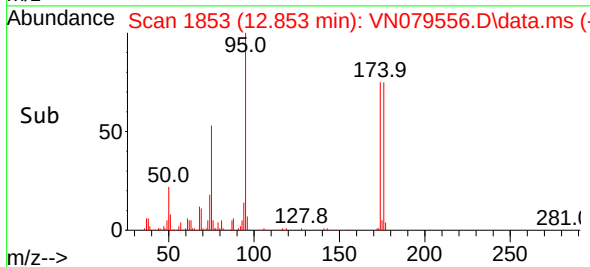
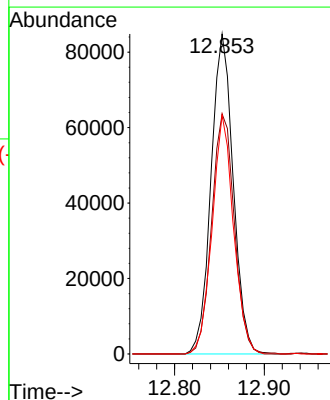
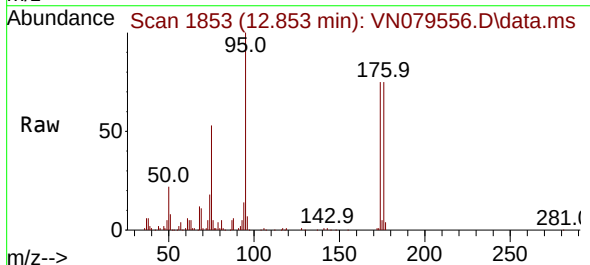
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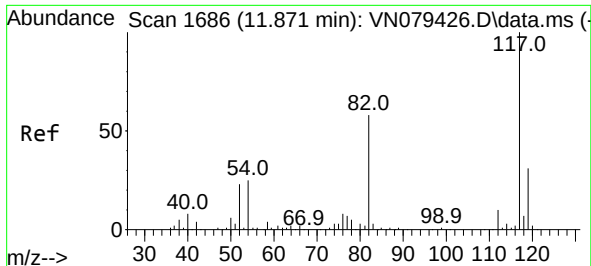
Tgt Ion: 43 Resp: 23627
Ion Ratio Lower Upper
43 100
58 26.6 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 45.508 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079556.D
Acq: 12 Oct 2023 19:35

Tgt Ion: 95 Resp: 145182
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 72.5 0.0 135.8

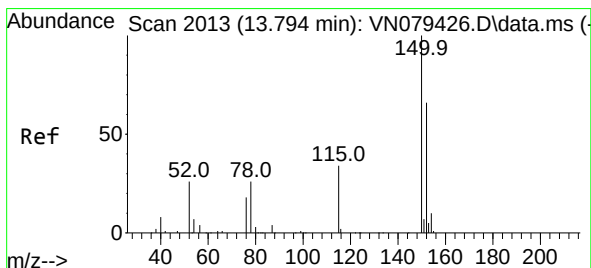
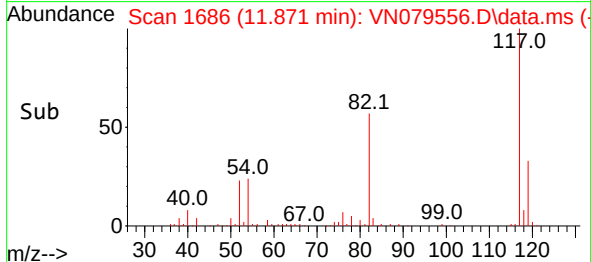
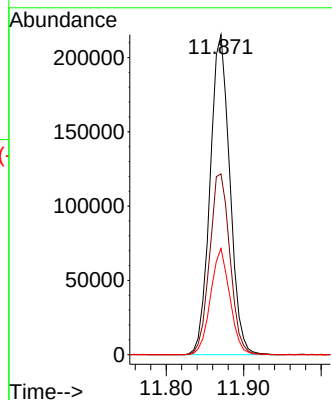
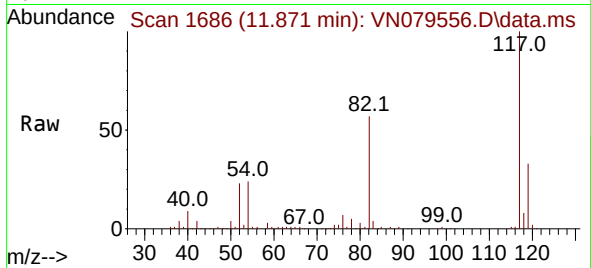




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079556.D
Acq: 12 Oct 2023 19:35

Instrument :
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Tgt Ion:117 Resp: 381601
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 33.2 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: VN079556.D
Acq: 12 Oct 2023 19:35

Tgt Ion:152 Resp: 104315
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 161.4 0.0 355.8

