

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079414.D
 Acq On : 04 Oct 2023 19:36
 Operator : JC\MD
 Sample : 04714-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Oct 05 02:26:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

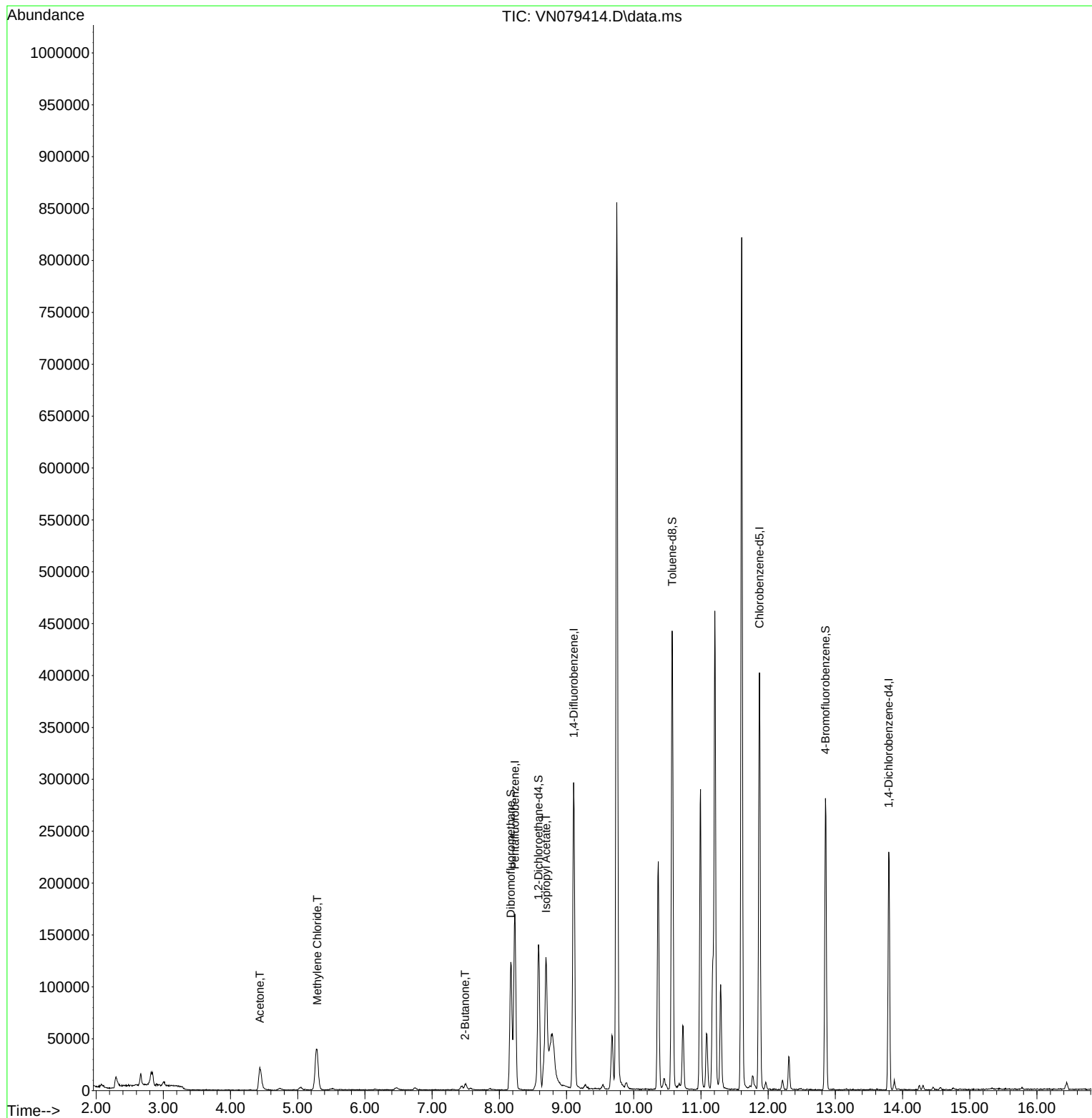
Internal Standards						
1) Pentafluorobenzene	8.230	168	120034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	221711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113286	69.915	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 139.820%#	
35) Dibromofluoromethane	8.171	113	88683	54.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.300%	
50) Toluene-d8	10.571	98	298113	50.033	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.853	95	93379	49.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	42996	62.479	ug/l	96
20) Methylene Chloride	5.289	84	31989	19.102	ug/l	96
25) 2-Butanone	7.489	43	9926	9.941	ug/l #	63
43) Isopropyl Acetate	8.694	43	167025	41.032	ug/l #	71

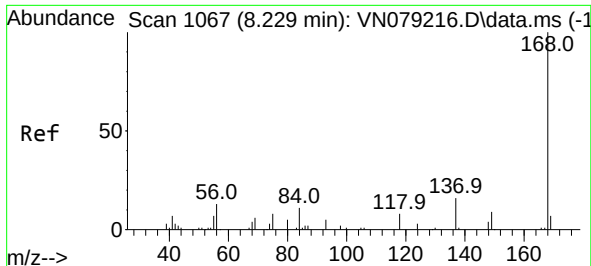
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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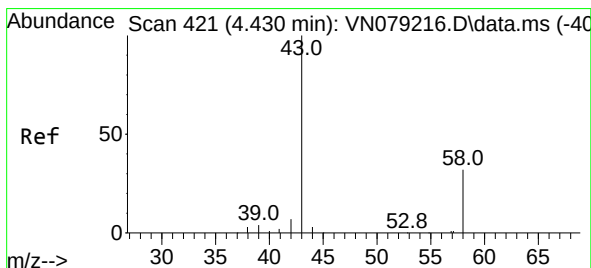
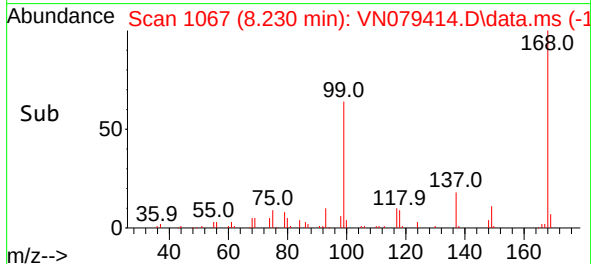
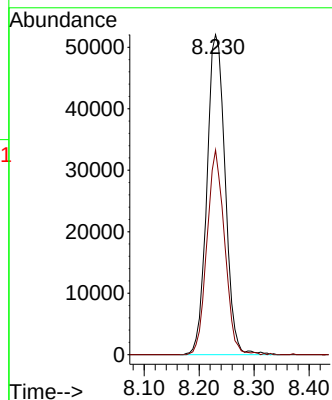
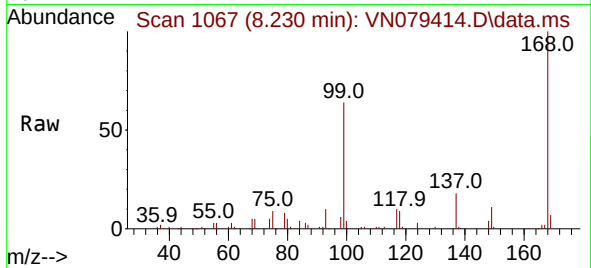




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079414.D
Acq: 04 Oct 2023 19:36

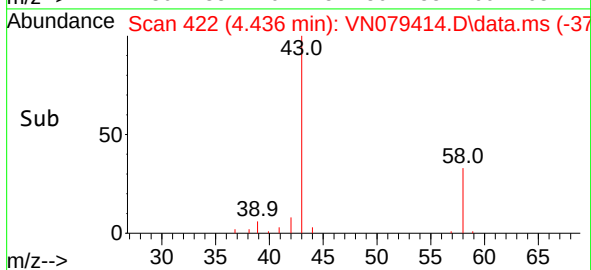
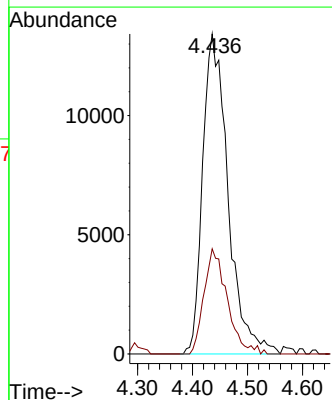
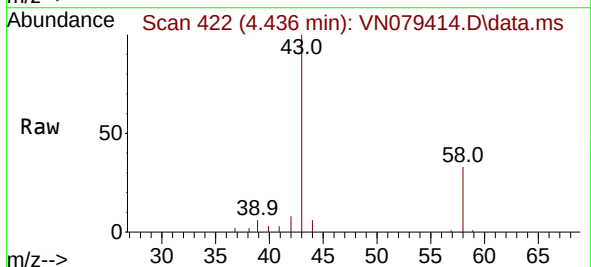
Instrument :
MSVOA_N
ClientSampleId :
TP-3

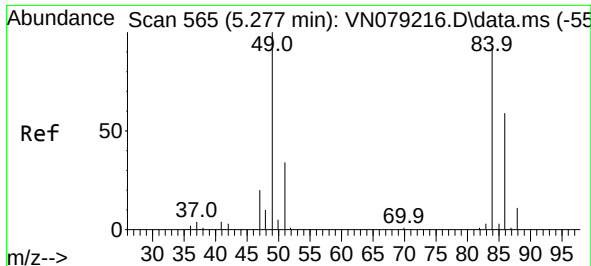
Tgt Ion:168 Resp: 120034
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#16
Acetone
Concen: 62.479 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079414.D
Acq: 04 Oct 2023 19:36

Tgt Ion: 43 Resp: 42996
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0

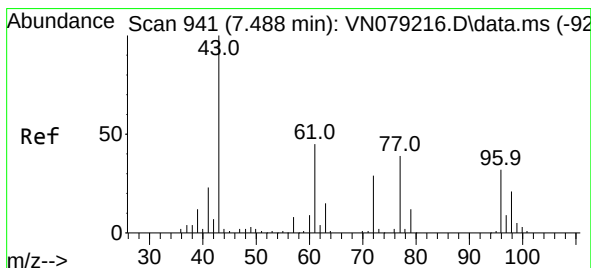
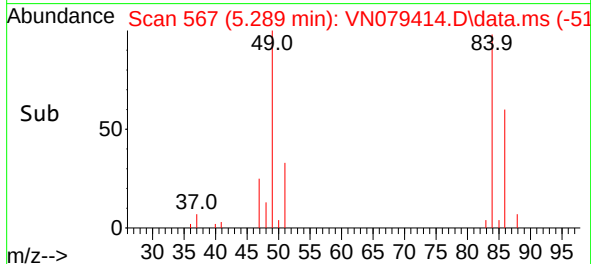
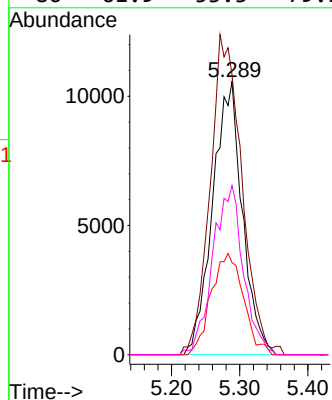
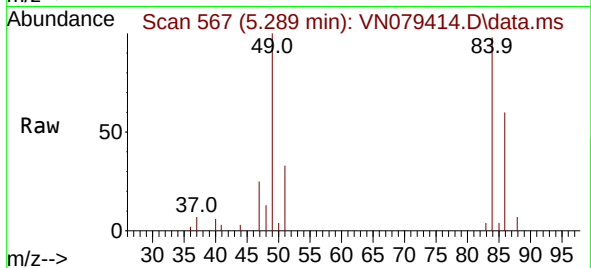




#20
Methylene Chloride
Concen: 19.102 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079414.D
Acq: 04 Oct 2023 19:36

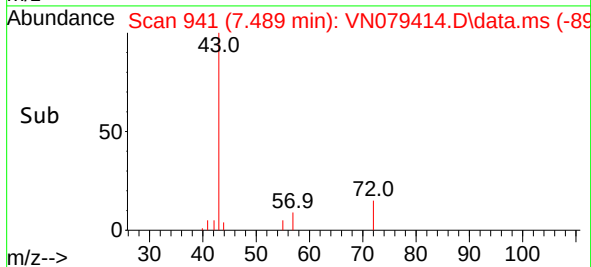
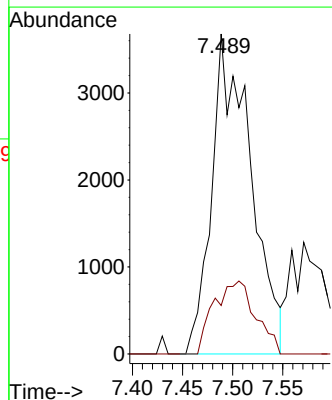
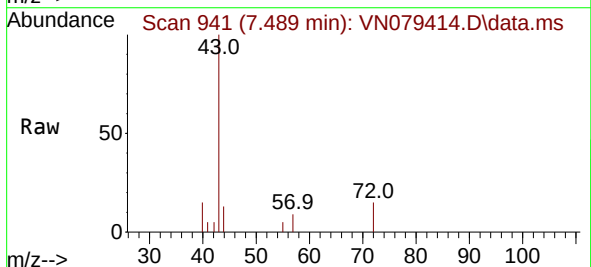
Instrument :
MSVOA_N
ClientSampleId :
TP-3

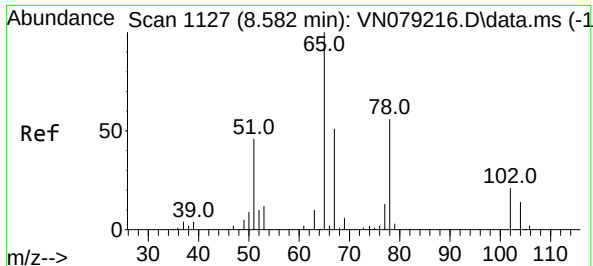
Tgt Ion:	84	Resp:	31989
Ion	Ratio	Lower	Upper
84	100		
49	102.4	79.7	119.5
51	33.7	25.2	37.8
86	61.9	53.3	79.9



#25
2-Butanone
Concen: 9.941 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079414.D
Acq: 04 Oct 2023 19:36

Tgt Ion:	43	Resp:	9926
Ion	Ratio	Lower	Upper
43	100		
72	15.2	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 69.915 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079414.D

Acq: 04 Oct 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

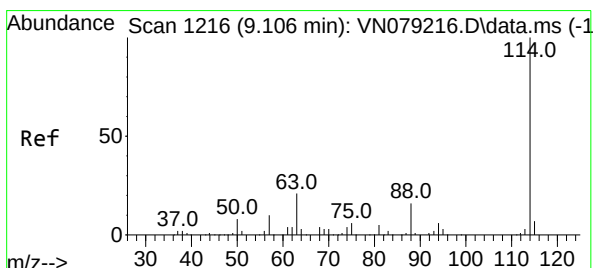
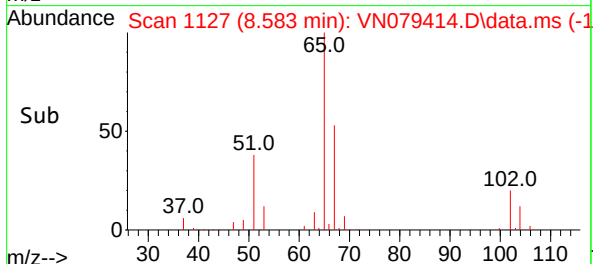
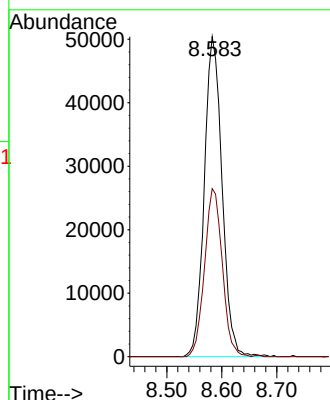
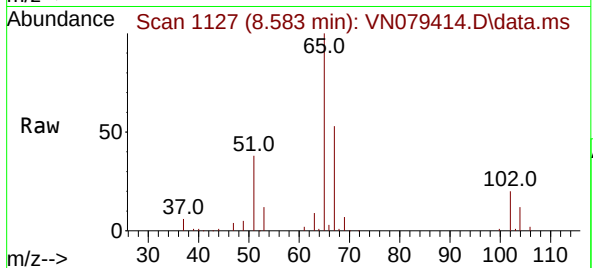
TP-3

Tgt Ion: 65 Resp: 113286

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079414.D

Acq: 04 Oct 2023 19:36

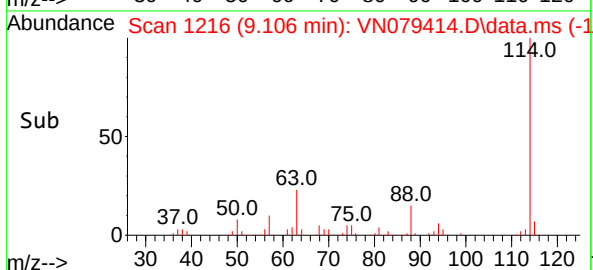
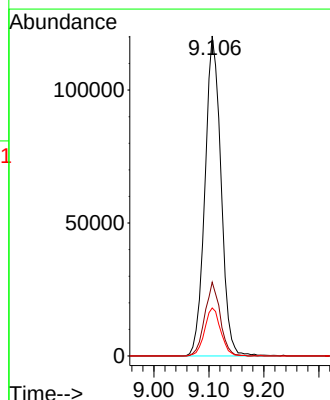
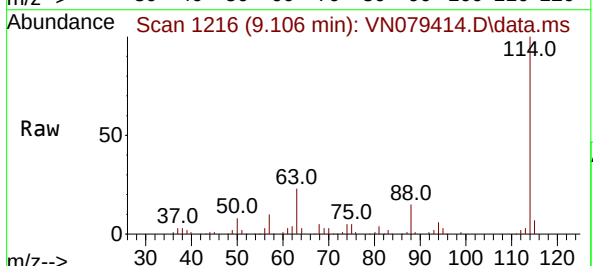
Tgt Ion: 114 Resp: 243948

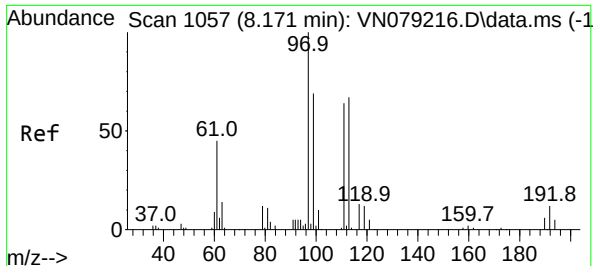
Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.652 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079414.D

Acq: 04 Oct 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

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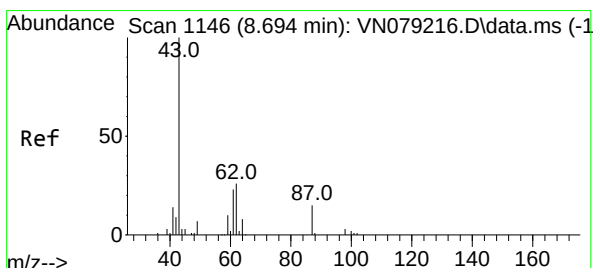
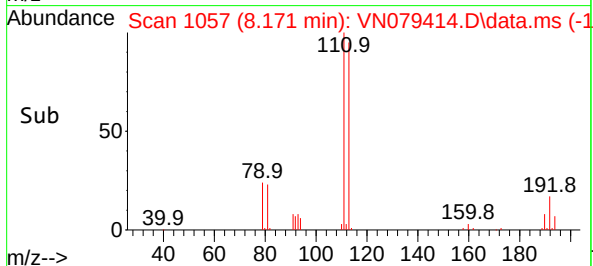
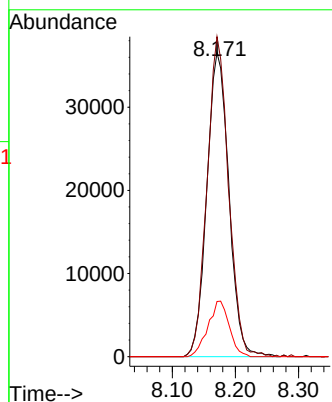
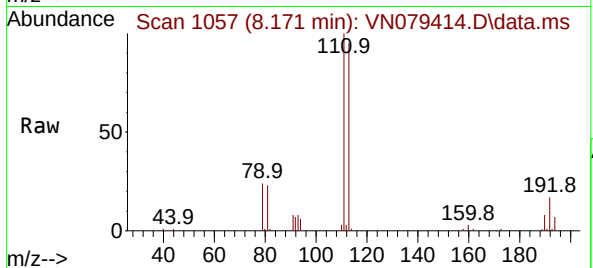
Tgt Ion:113 Resp: 88683

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 17.7 12.7 19.1



#43

Isopropyl Acetate

Concen: 41.032 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079414.D

Acq: 04 Oct 2023 19:36

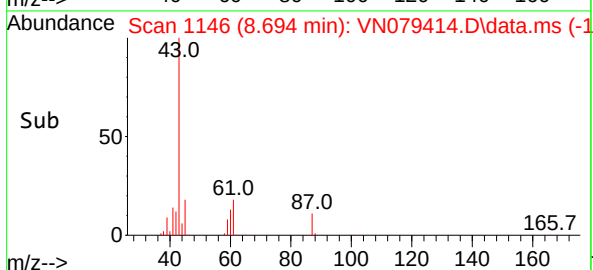
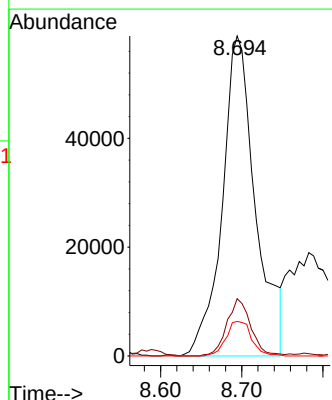
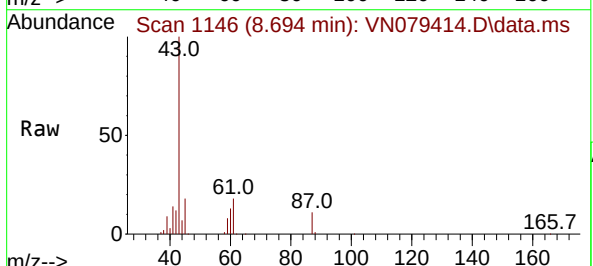
Tgt Ion: 43 Resp: 167025

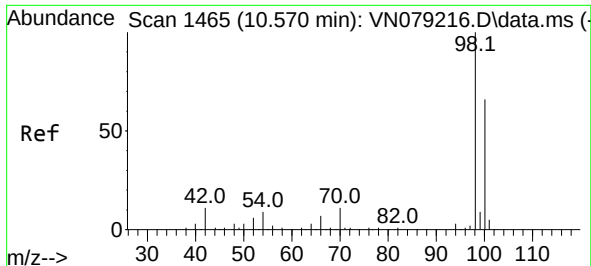
Ion Ratio Lower Upper

43 100

61 13.0 24.7 37.1#

87 8.3 14.6 21.8#

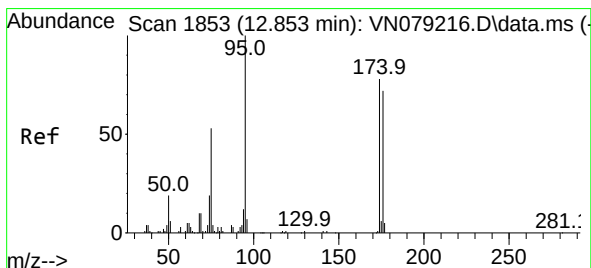
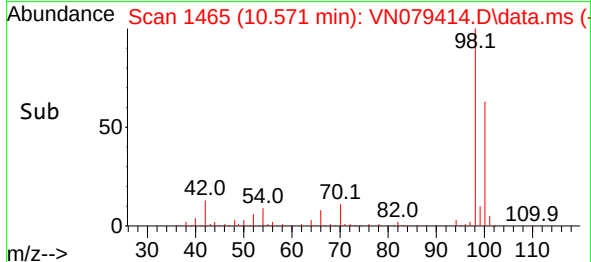
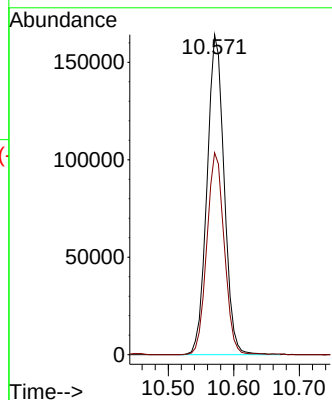
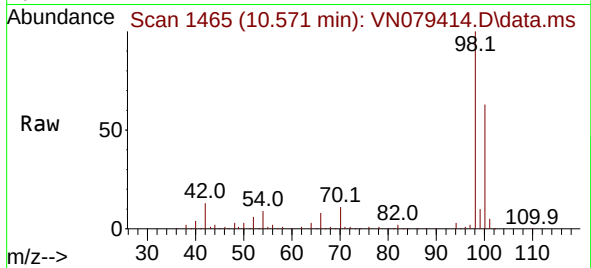




#50
Toluene-d8
Concen: 50.033 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079414.D
Acq: 04 Oct 2023 19:36

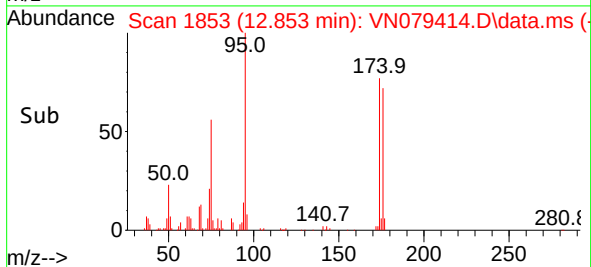
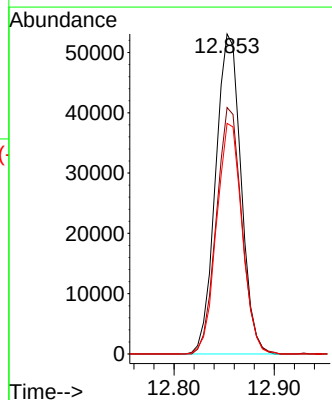
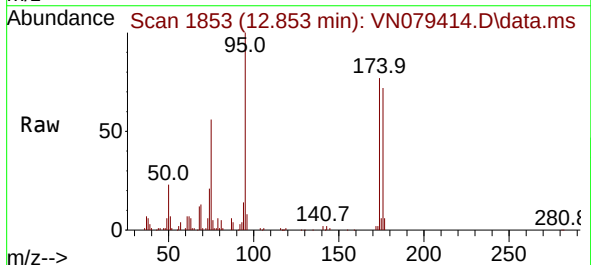
Instrument :
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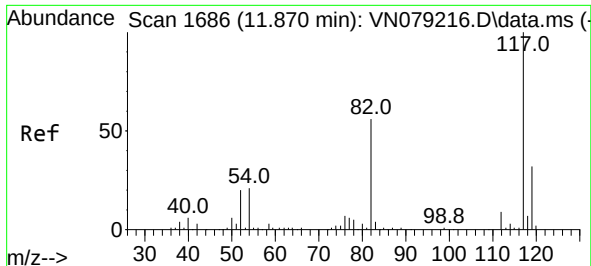
Tgt Ion: 98 Resp: 298113
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.132 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079414.D
Acq: 04 Oct 2023 19:36

Tgt Ion: 95 Resp: 93379
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 72.5 0.0 135.8

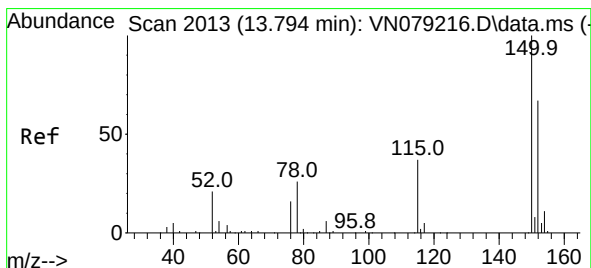
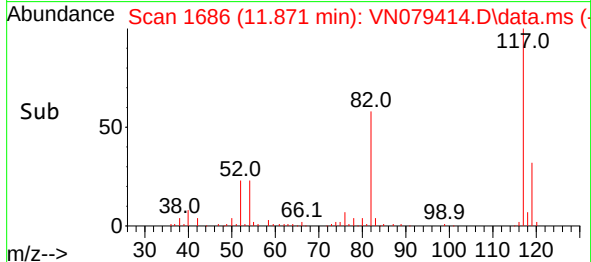
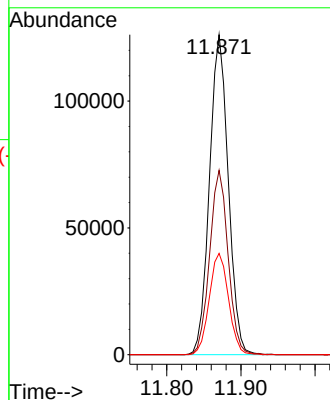
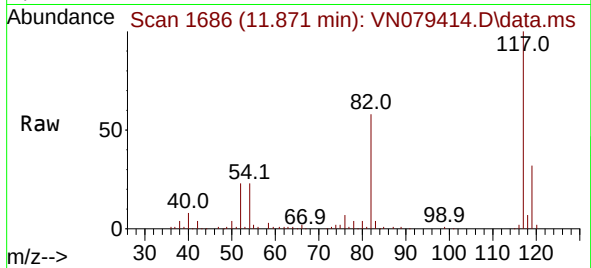




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079414.D
Acq: 04 Oct 2023 19:36

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 221711
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 31.6 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: VN079414.D
Acq: 04 Oct 2023 19:36

Tgt Ion:152 Resp: 57510
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 160.3 0.0 355.8

