

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079466.D
 Acq On : 09 Oct 2023 12:47
 Operator : JC\MD
 Sample : 04731-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DTP-1

Quant Time: Oct 09 23:13:29 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)

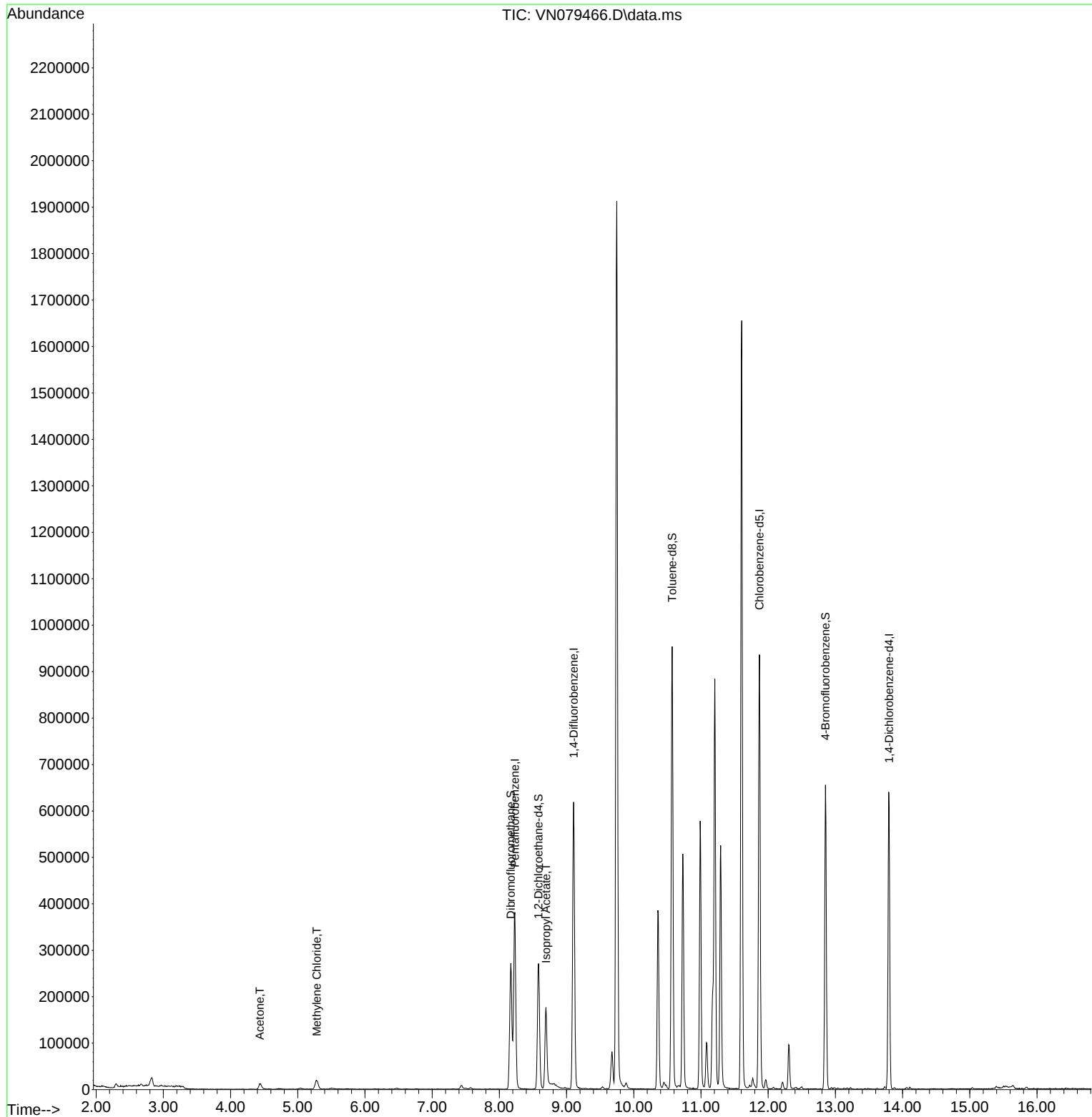
Internal Standards						
1) Pentafluorobenzene	8.230	168	257193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	514754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	525366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	161801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	216315	51.872	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.740%	
35) Dibromofluoromethane	8.171	113	188829	51.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	10.571	98	643646	48.088	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.180%	
62) 4-Bromofluorobenzene	12.853	95	216908	50.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	24088	14.563	ug/l #	85
20) Methylene Chloride	5.283	84	15089	3.607	ug/l #	84
43) Isopropyl Acetate	8.694	43	203760	21.053	ug/l #	78

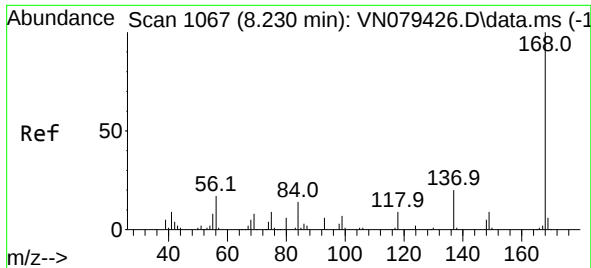
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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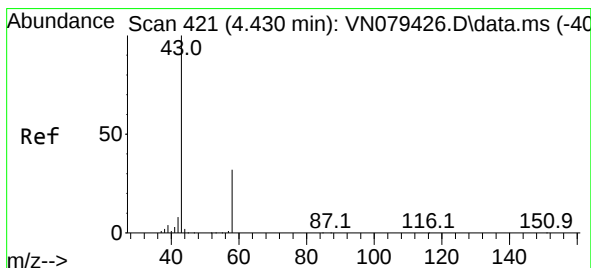
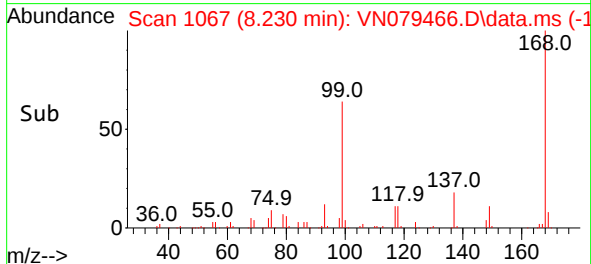
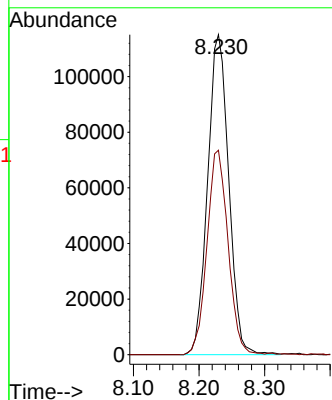
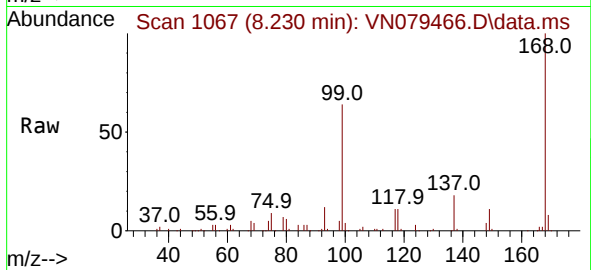




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079466.D
Acq: 09 Oct 2023 12:47

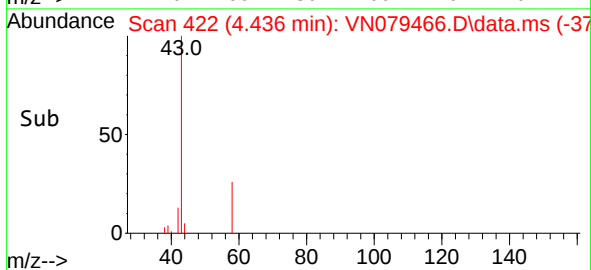
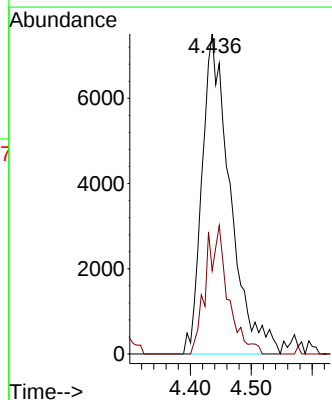
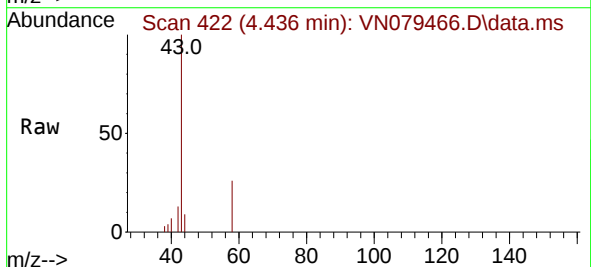
Instrument :
MSVOA_N
ClientSampleId :
DTP-1

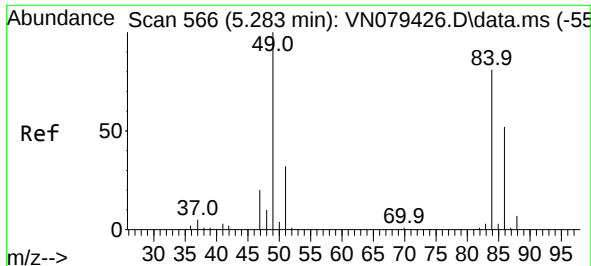
Tgt Ion:168 Resp: 257193
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#16
Acetone
Concen: 14.563 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079466.D
Acq: 09 Oct 2023 12:47

Tgt Ion: 43 Resp: 24088
Ion Ratio Lower Upper
43 100
58 26.0 28.0 42.0#

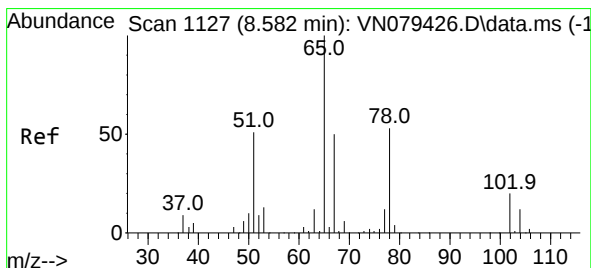
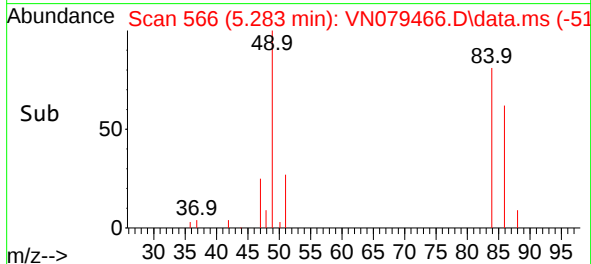
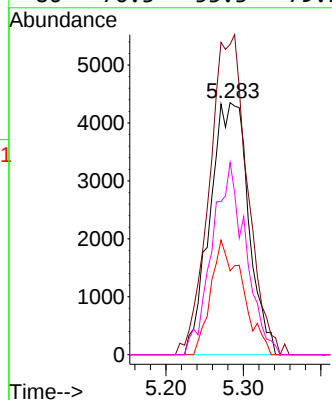
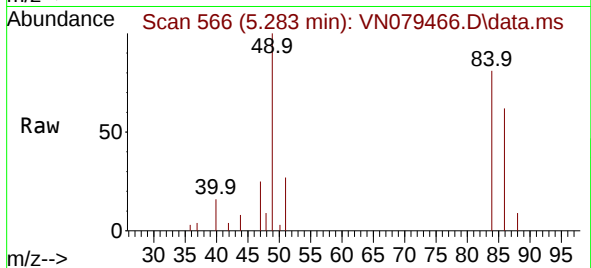




#20
Methylene Chloride
Concen: 3.607 ug/l
RT: 5.283 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN079466.D
Acq: 09 Oct 2023 12:47

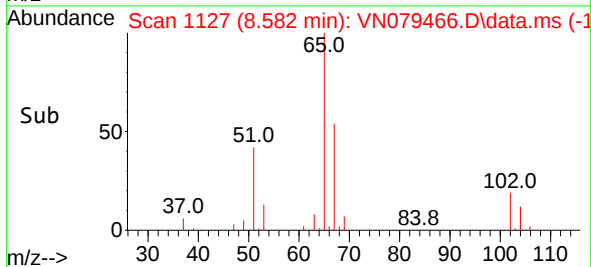
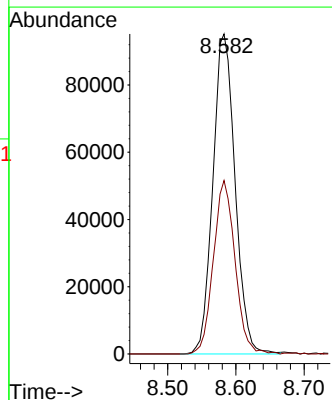
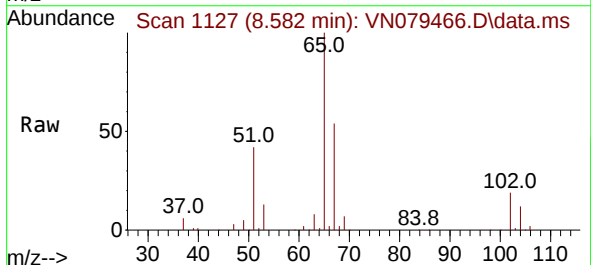
Instrument :
MSVOA_N
ClientSampleId :
DTP-1

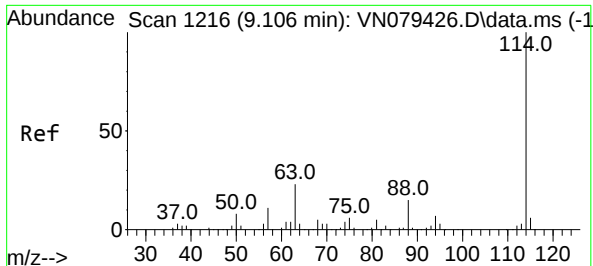
Tgt Ion:	84	Resp:	15089
Ion	Ratio	Lower	Upper
84	100		
49	123.2	79.7	119.5#
51	33.2	25.2	37.8
86	76.3	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 51.872 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079466.D
Acq: 09 Oct 2023 12:47

Tgt Ion:	65	Resp:	216315
Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VN079466.D

Acq: 09 Oct 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

DTP-1

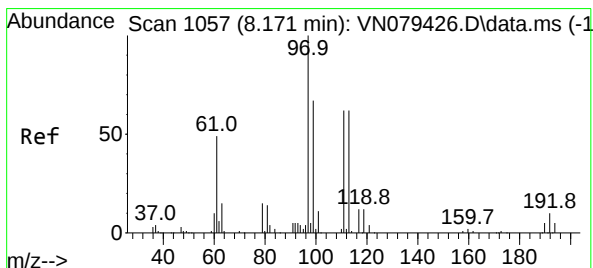
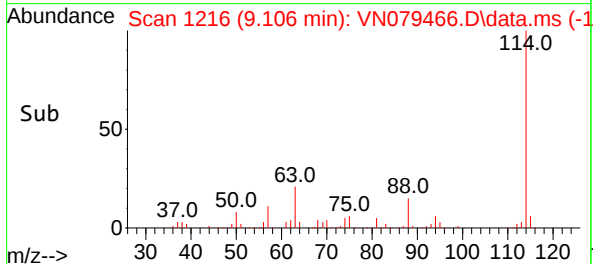
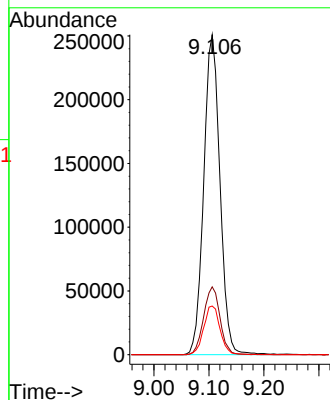
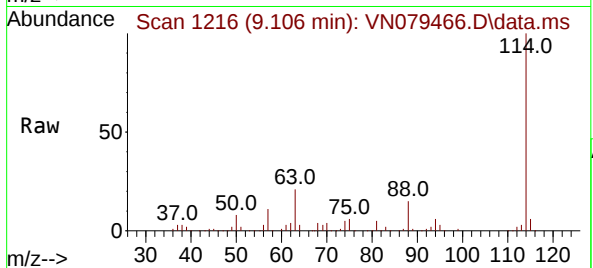
Tgt Ion:114 Resp: 514754

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.046 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079466.D

Acq: 09 Oct 2023 12:47

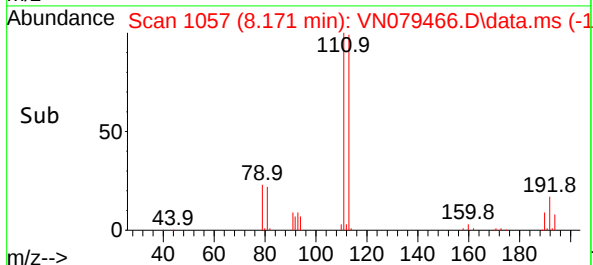
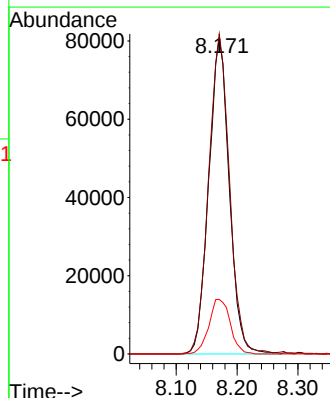
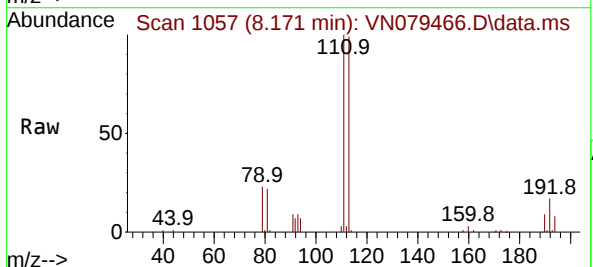
Tgt Ion:113 Resp: 188829

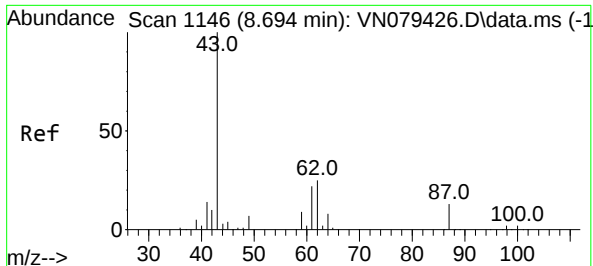
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 17.9 12.7 19.1

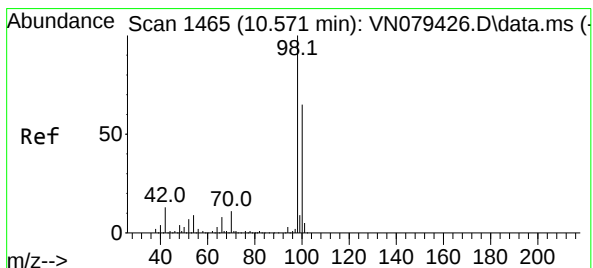
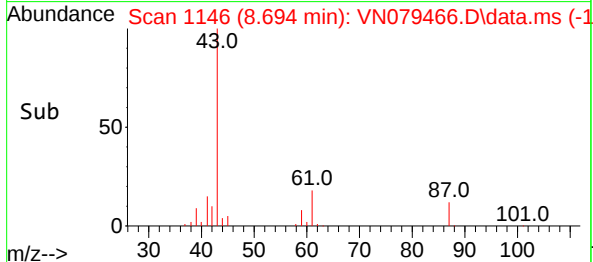
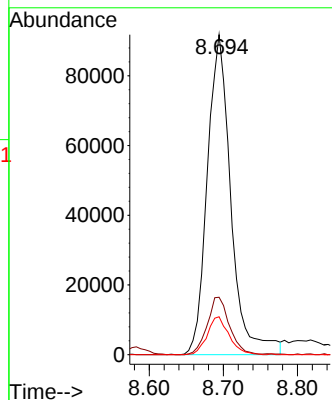
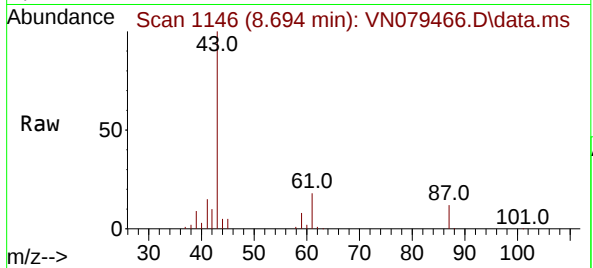




#43
Isopropyl Acetate
Concen: 21.053 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079466.D
Acq: 09 Oct 2023 12:47

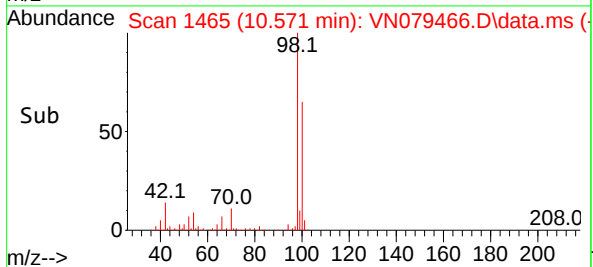
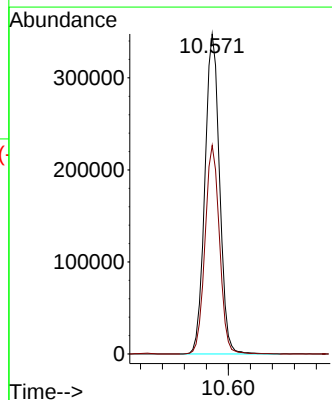
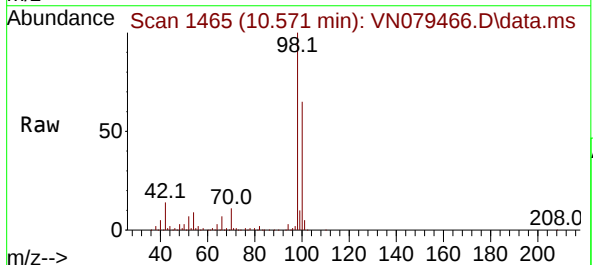
Instrument :
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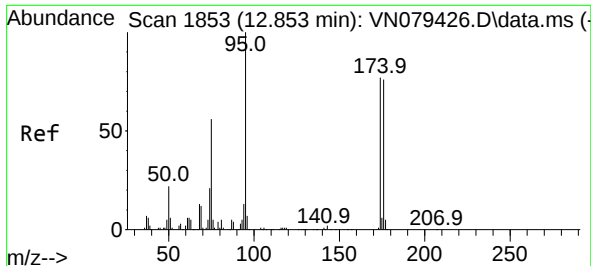
Tgt Ion: 43 Resp: 203760
Ion Ratio Lower Upper
43 100
61 16.9 24.7 37.1#
87 10.9 14.6 21.8#



#50
Toluene-d8
Concen: 48.088 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079466.D
Acq: 09 Oct 2023 12:47

Tgt Ion: 98 Resp: 643646
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

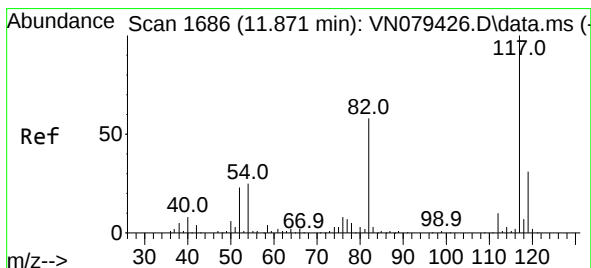
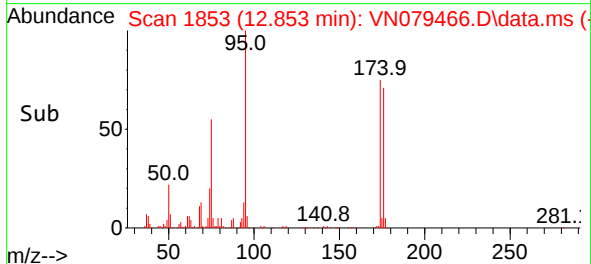
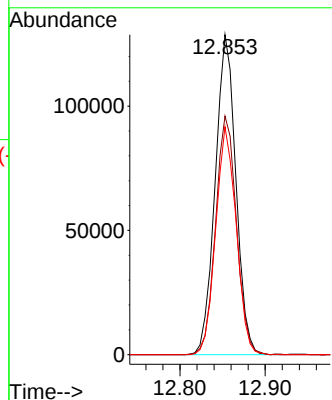
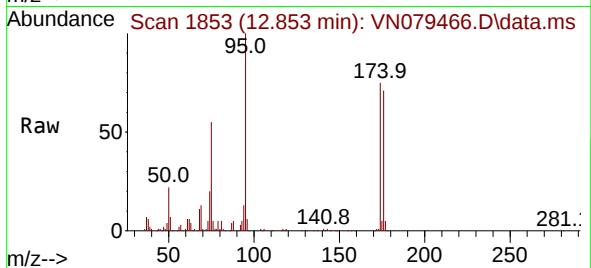




#62
4-Bromofluorobenzene
Concen: 50.497 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079466.D
Acq: 09 Oct 2023 12:47

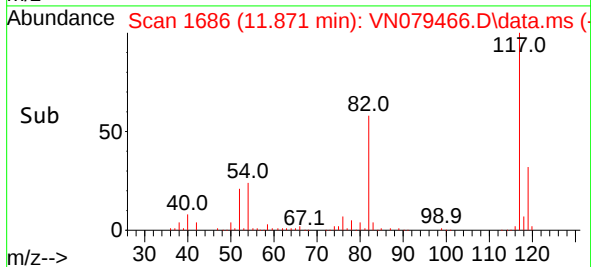
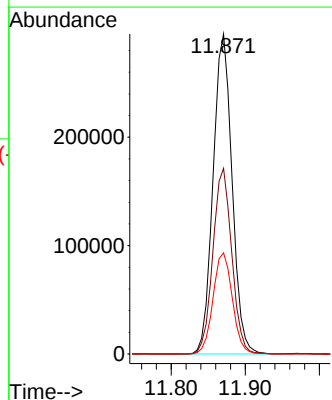
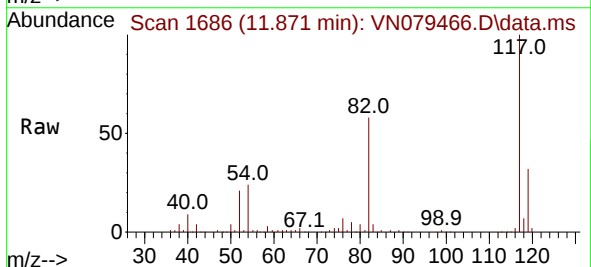
Instrument :
MSVOA_N
ClientSampleId :
DTP-1

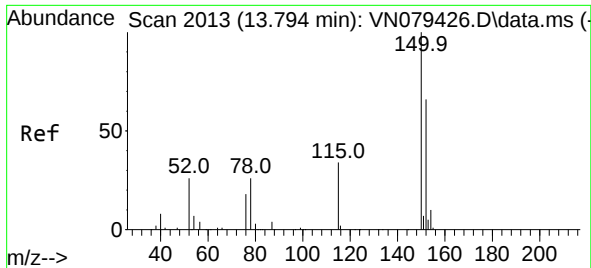
Tgt Ion: 95 Resp: 216908
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 70.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079466.D
Acq: 09 Oct 2023 12:47

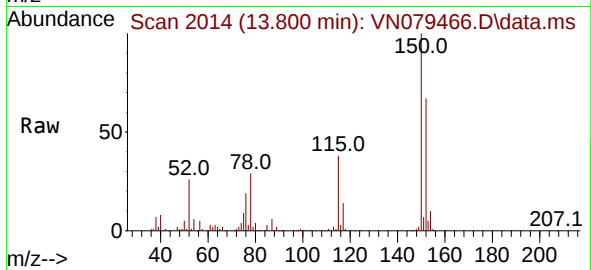
Tgt Ion: 117 Resp: 525366
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079466.D
 Acq: 09 Oct 2023 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 DTP-1



Tgt Ion:152 Resp: 161801

Ion	Ratio	Lower	Upper
152	100		
115	62.2	32.3	96.8
150	157.8	0.0	355.8

