

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079468.D
 Acq On : 09 Oct 2023 13:35
 Operator : JC\MD
 Sample : 04731-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DTP-3

Quant Time: Oct 09 23:14:20 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)

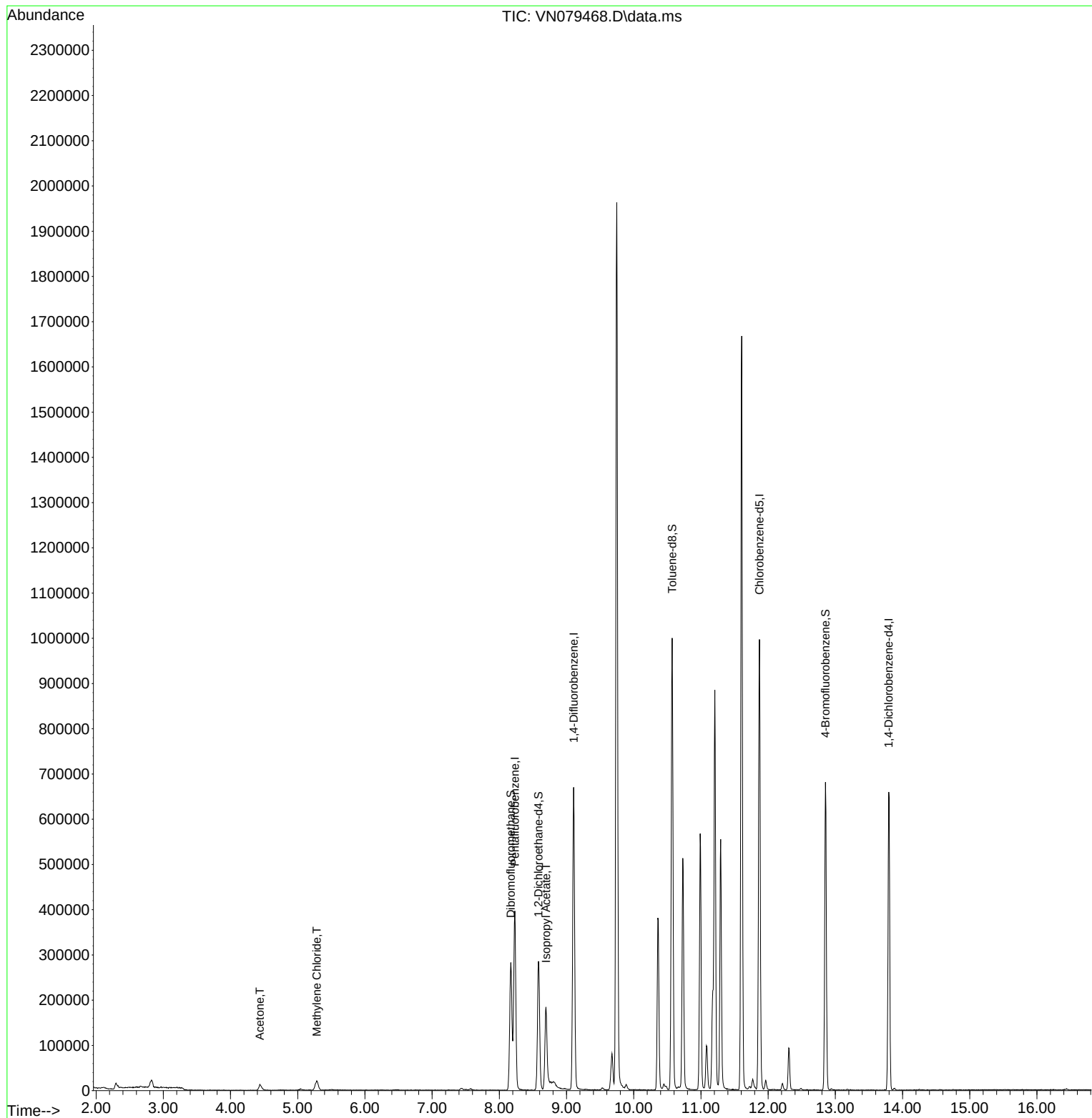
Internal Standards						
1) Pentafluorobenzene	8.230	168	269765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	547369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	228540	52.249	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.500%
35) Dibromofluoromethane	8.171	113	200520	50.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.960%
50) Toluene-d8	10.571	98	680861	47.837	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.853	95	226859	49.667	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.340%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	23528	13.562	ug/l	99
20) Methylene Chloride	5.283	84	15884	3.622	ug/l #	81
43) Isopropyl Acetate	8.694	43	212138	20.612	ug/l #	78

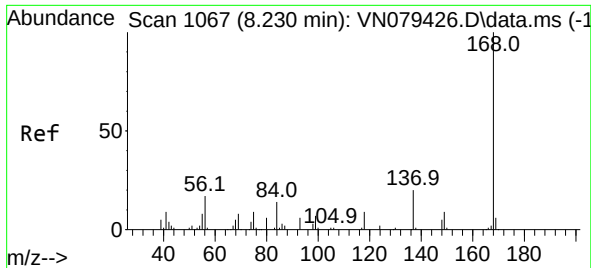
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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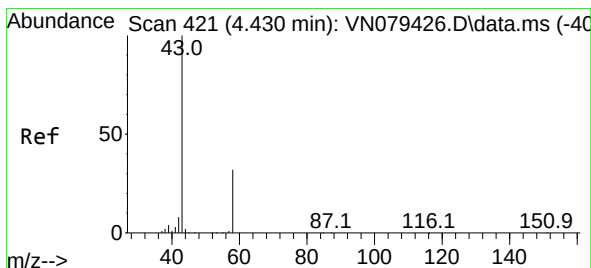
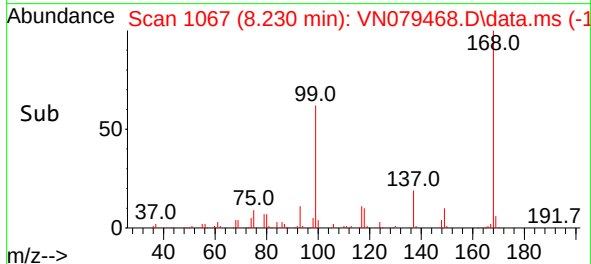
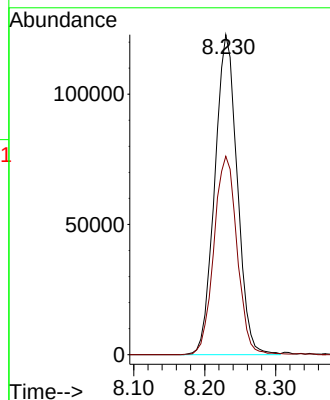
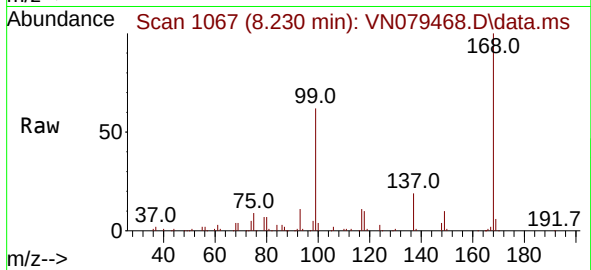




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079468.D
Acq: 09 Oct 2023 13:35

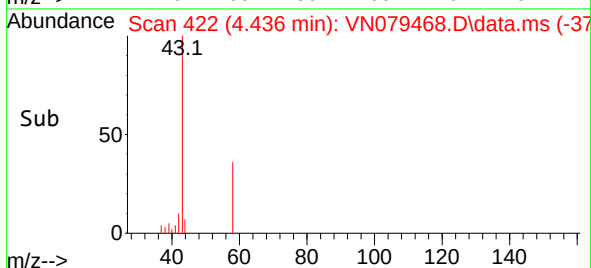
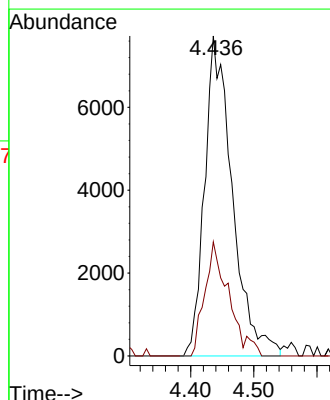
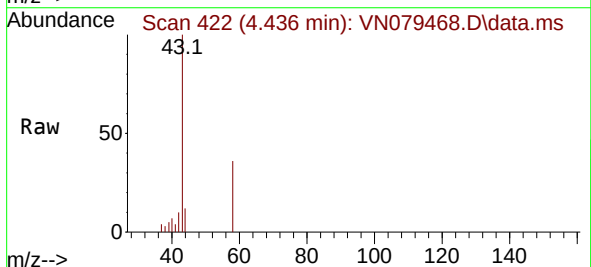
Instrument :
MSVOA_N
ClientSampleId :
DTP-3

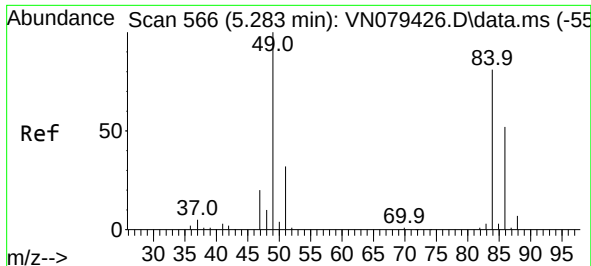
Tgt Ion:168 Resp: 269765
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 13.562 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079468.D
Acq: 09 Oct 2023 13:35

Tgt Ion: 43 Resp: 23528
Ion Ratio Lower Upper
43 100
58 35.6 28.0 42.0

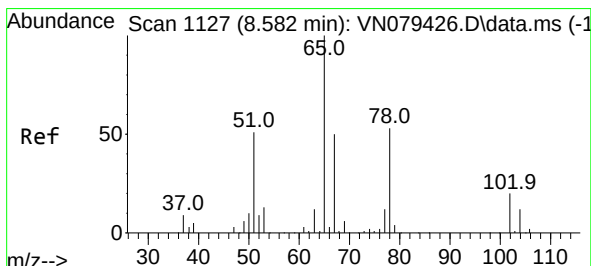
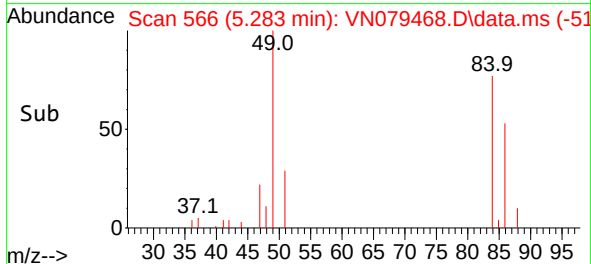
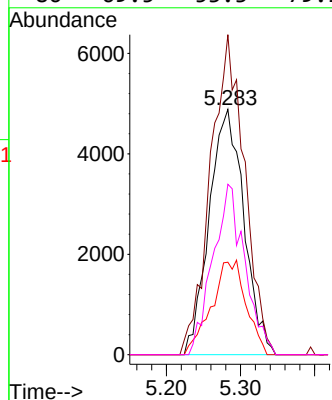
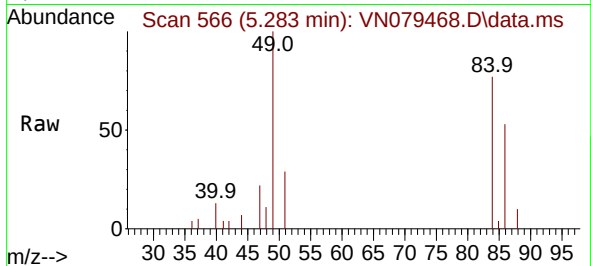




#20
Methylene Chloride
Concen: 3.622 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079468.D
Acq: 09 Oct 2023 13:35

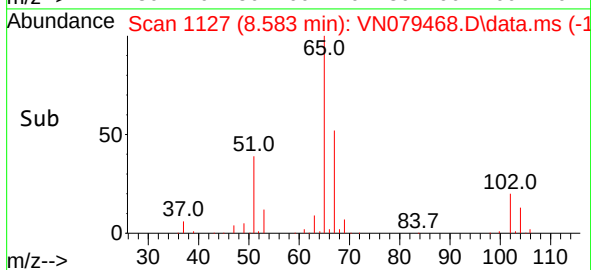
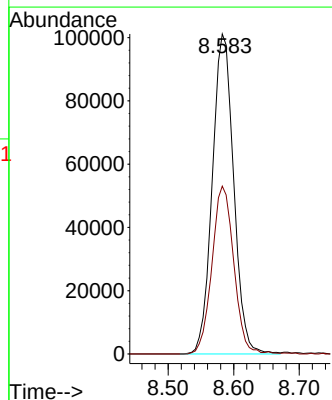
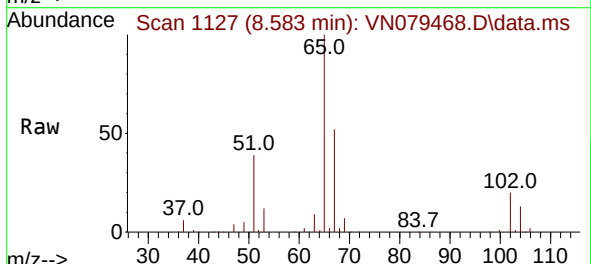
Instrument :
MSVOA_N
ClientSampleId :
DTP-3

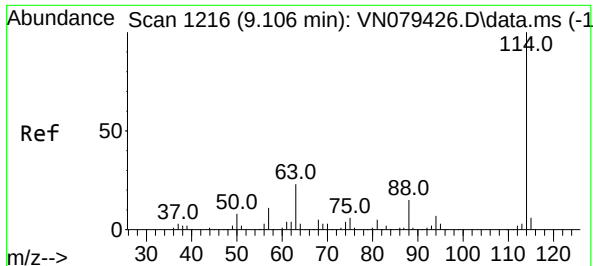
Tgt Ion: 84	Resp: 15884
Ion Ratio	Lower Upper
84	100
49	130.5 79.7 119.5#
51	37.7 25.2 37.8
86	69.5 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 52.249 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079468.D
Acq: 09 Oct 2023 13:35

Tgt Ion: 65	Resp: 228540
Ion Ratio	Lower Upper
65	100
67	53.6 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: VN079468.D

Acq: 09 Oct 2023 13:35

Instrument :

MSVOA_N

ClientSampleId :

DTP-3

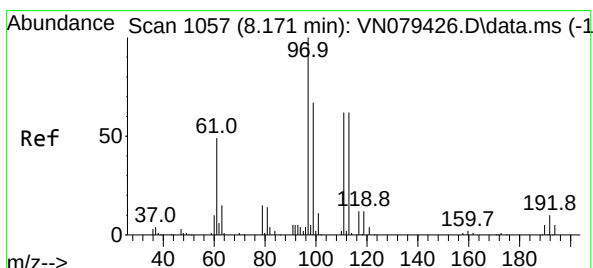
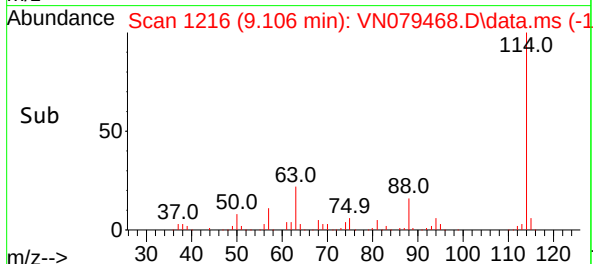
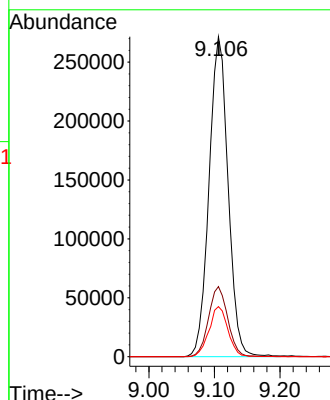
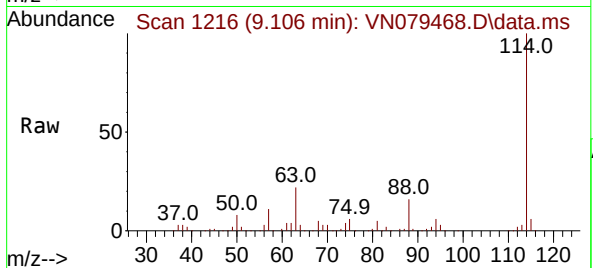
Tgt Ion:114 Resp: 547369

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.976 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079468.D

Acq: 09 Oct 2023 13:35

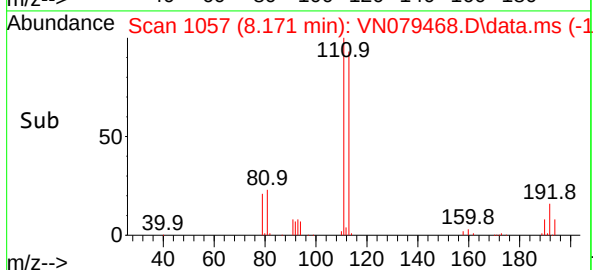
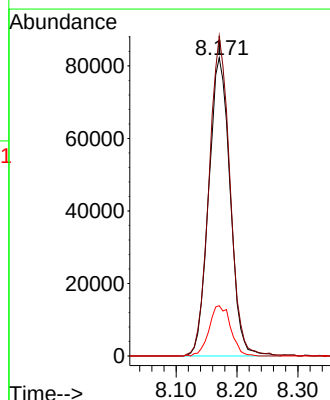
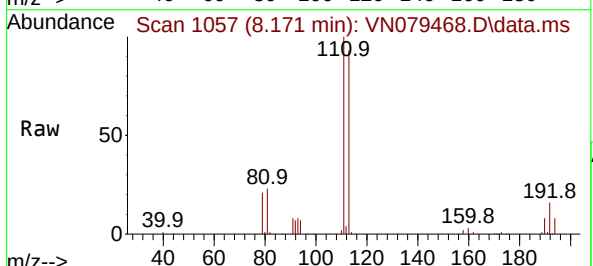
Tgt Ion:113 Resp: 200520

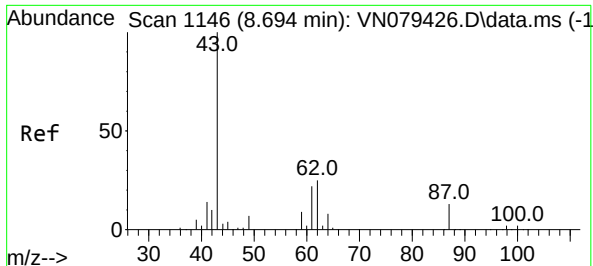
Ion Ratio Lower Upper

113 100

111 104.9 82.6 123.8

192 17.1 12.7 19.1

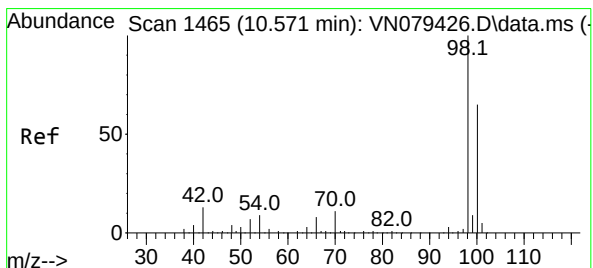
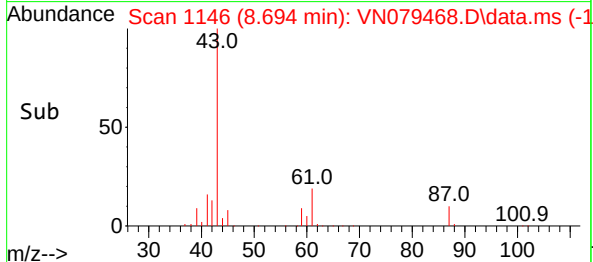
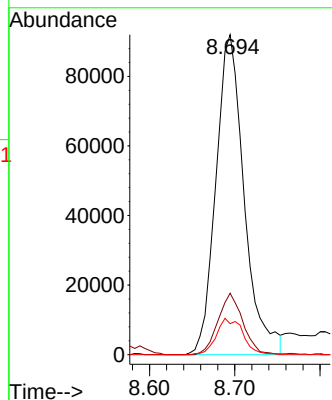
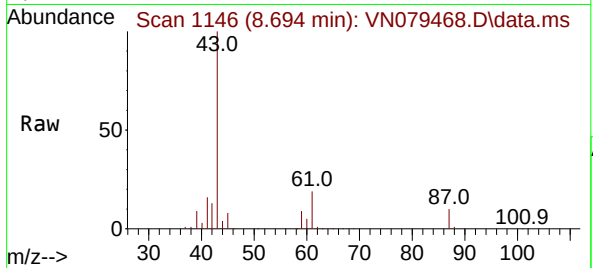




#43
Isopropyl Acetate
Concen: 20.612 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079468.D
Acq: 09 Oct 2023 13:35

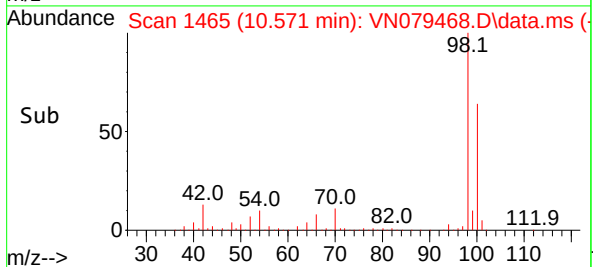
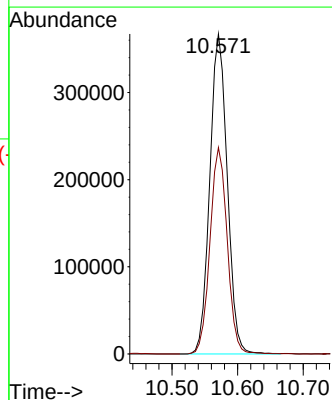
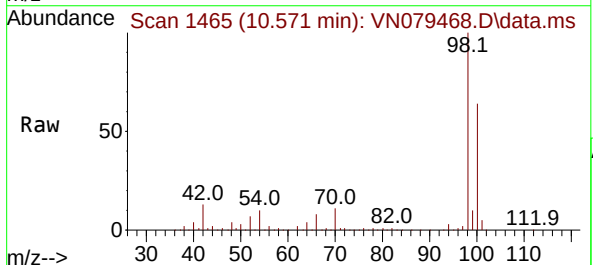
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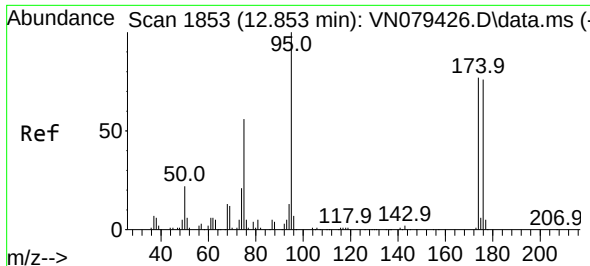
Tgt Ion: 43 Resp: 212138
Ion Ratio Lower Upper
43 100
61 16.9 24.7 37.1#
87 10.6 14.6 21.8#



#50
Toluene-d8
Concen: 47.837 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079468.D
Acq: 09 Oct 2023 13:35

Tgt Ion: 98 Resp: 680861
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

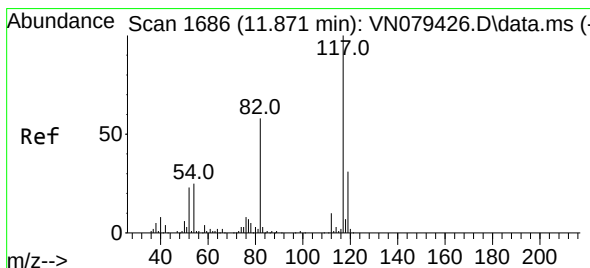
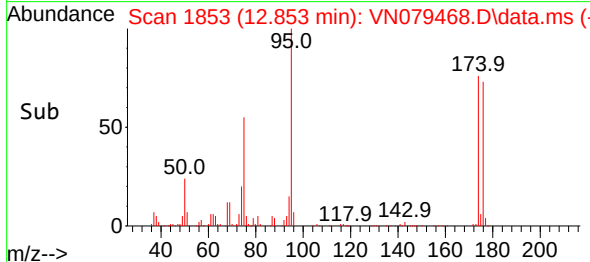
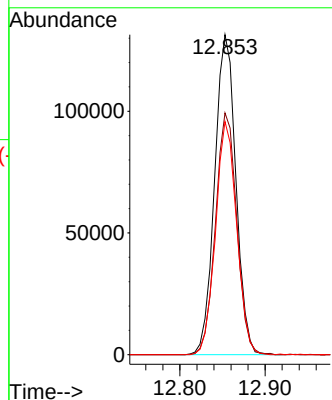
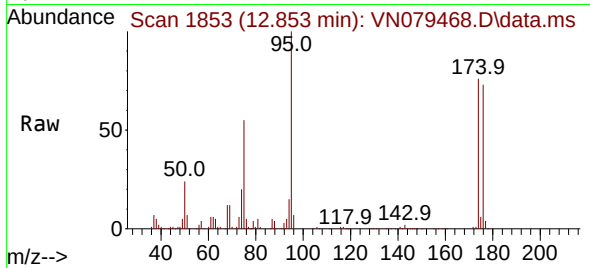




#62
4-Bromofluorobenzene
Concen: 49.667 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079468.D
Acq: 09 Oct 2023 13:35

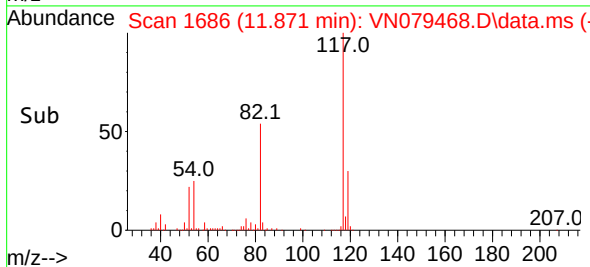
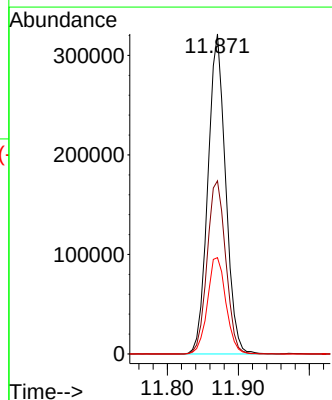
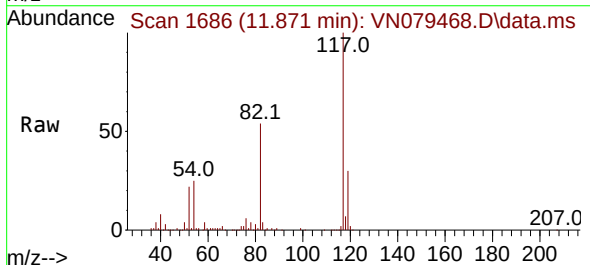
Instrument :
MSVOA_N
ClientSampleId :
DTP-3

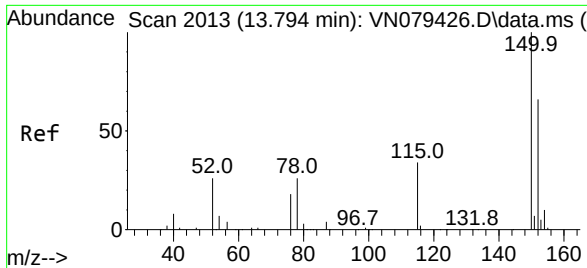
Tgt Ion: 95 Resp: 226859
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079468.D
Acq: 09 Oct 2023 13:35

Tgt Ion: 117 Resp: 557190
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 30.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079468.D
 Acq: 09 Oct 2023 13:35

Instrument :
 MSVOA_N
 ClientSampleId :
 DTP-3

Tgt Ion:152 Resp: 170901
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.3 96.8
 150 158.8 0.0 355.8

