

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079456.D
 Acq On : 06 Oct 2023 18:44
 Operator : JC\MD
 Sample : 04731-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DTP-3

Quant Time: Oct 06 23:07:43 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)

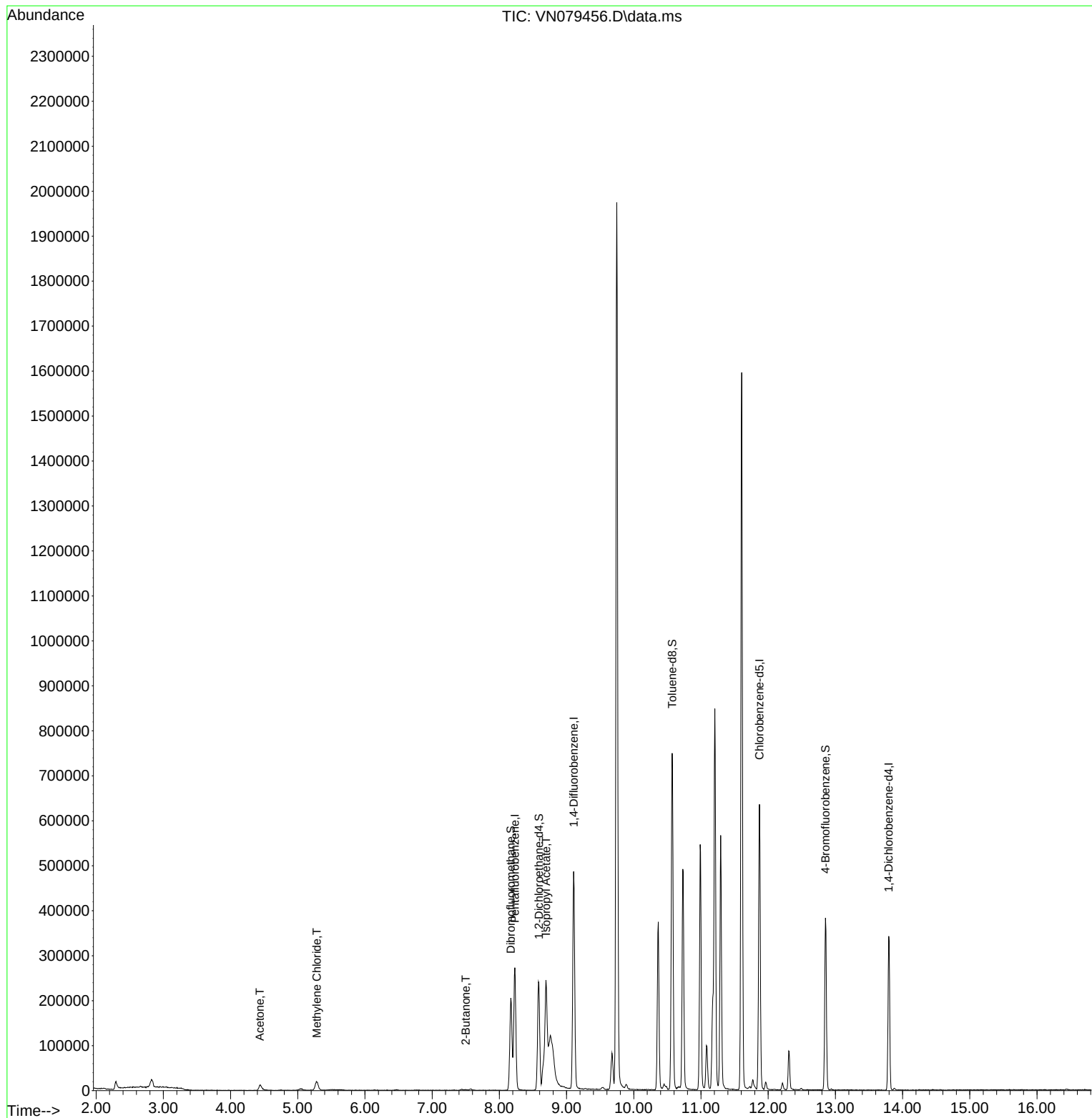
Internal Standards						
1) Pentafluorobenzene	8.230	168	185215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	399405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	350431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	193366	64.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	128.780%#
35) Dibromofluoromethane	8.171	113	142966	49.809	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	10.571	98	514386	49.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.853	95	129221	38.771	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.540%#
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	23700	19.897	ug/l #	75
20) Methylene Chloride	5.283	84	14448	4.997	ug/l #	79
25) 2-Butanone	7.500	43	3096	1.751	ug/l #	72
43) Isopropyl Acetate	8.694	43	315488	42.011	ug/l #	69

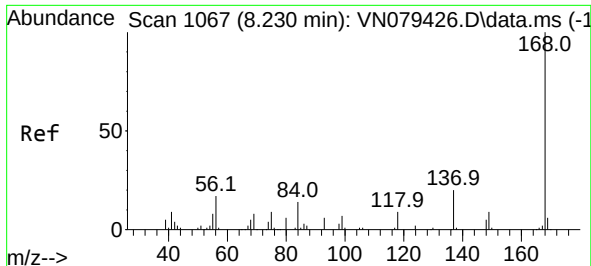
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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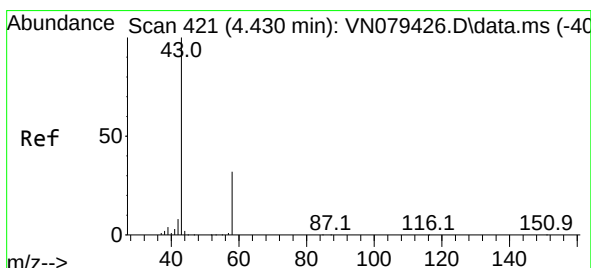
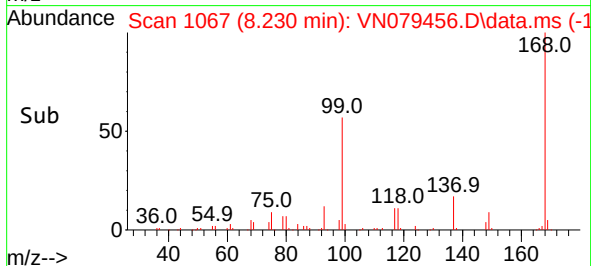
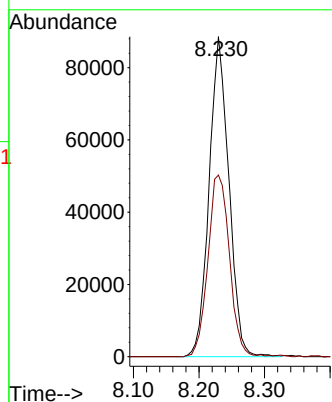
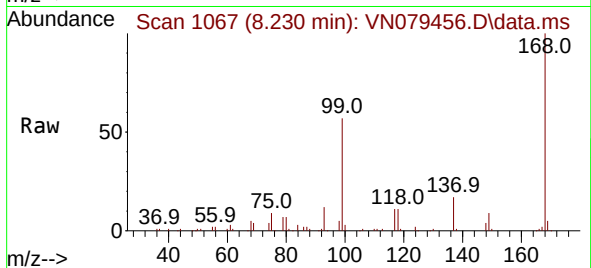




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079456.D
Acq: 06 Oct 2023 18:44

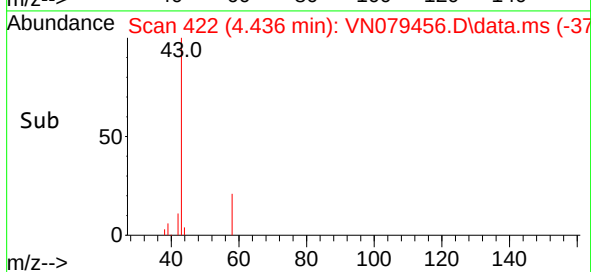
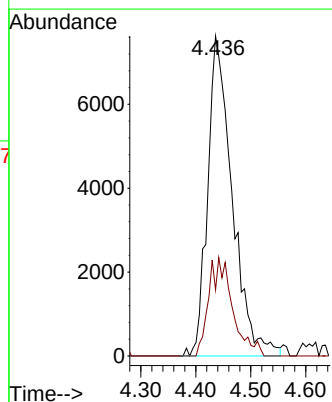
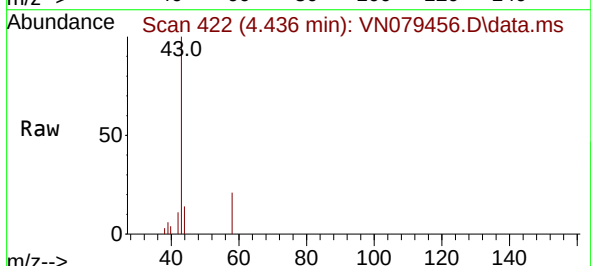
Instrument :
MSVOA_N
ClientSampleId :
DTP-3

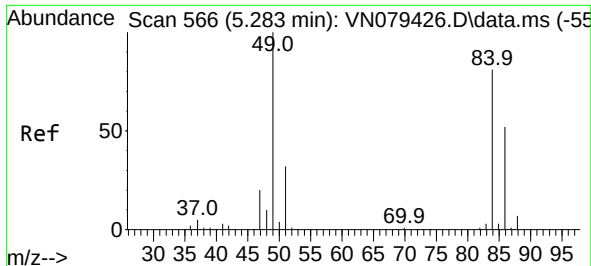
Tgt Ion:168 Resp: 185215
Ion Ratio Lower Upper
168 100
99 56.7 53.0 79.6



#16
Acetone
Concen: 19.897 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079456.D
Acq: 06 Oct 2023 18:44

Tgt Ion: 43 Resp: 23700
Ion Ratio Lower Upper
43 100
58 20.6 28.0 42.0#

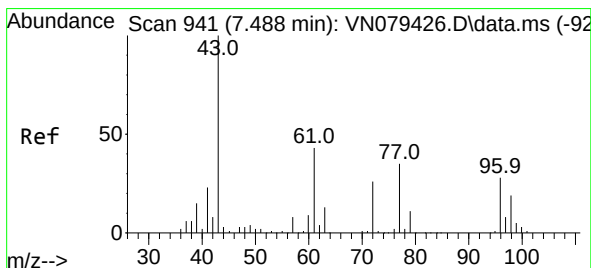
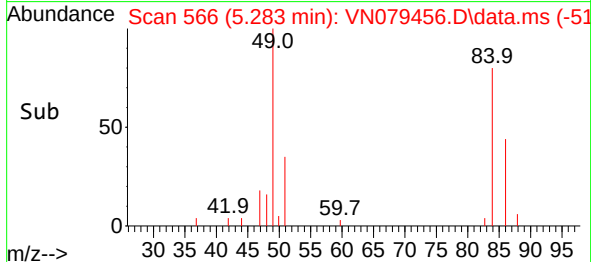
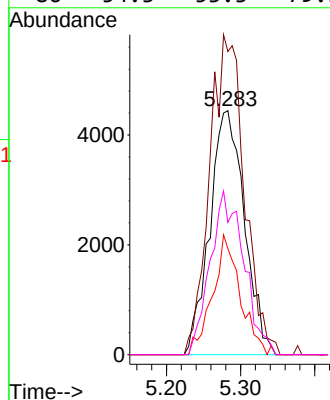
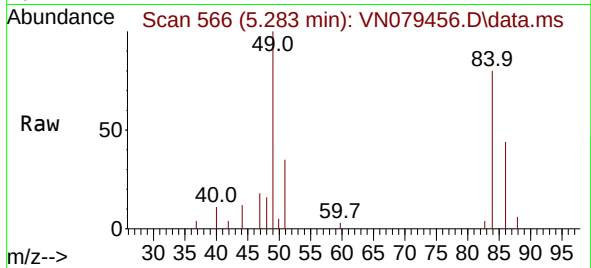




#20
Methylene Chloride
Concen: 4.997 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079456.D
Acq: 06 Oct 2023 18:44

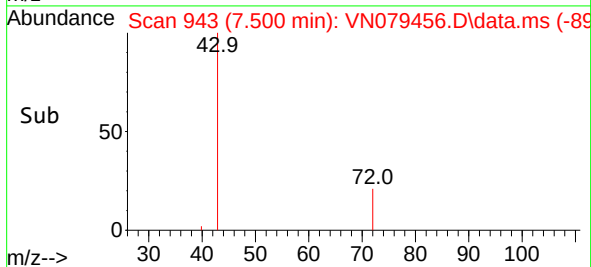
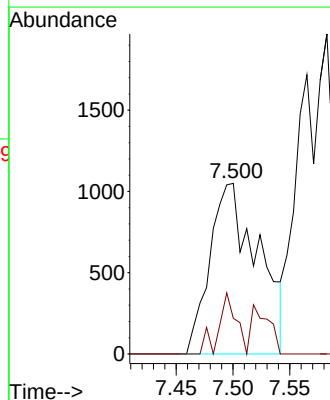
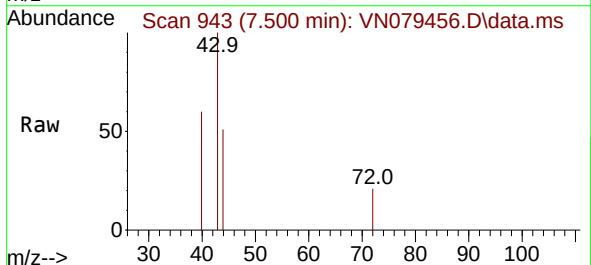
Instrument :
MSVOA_N
ClientSampleId :
DTP-3

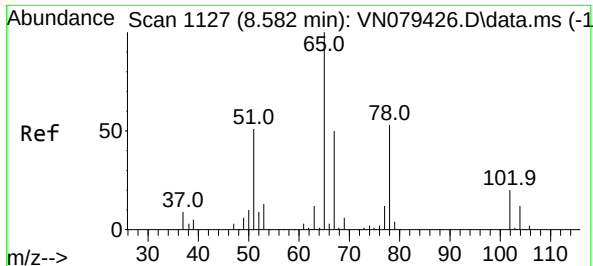
Tgt Ion: 84	Resp: 14448
Ion Ratio	Lower Upper
84	100
49	124.3 79.7 119.5#
51	43.5 25.2 37.8#
86	54.3 53.3 79.9



#25
2-Butanone
Concen: 1.751 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079456.D
Acq: 06 Oct 2023 18:44

Tgt Ion: 43	Resp: 3096
Ion Ratio	Lower Upper
43	100
72	21.0 30.2 45.2#

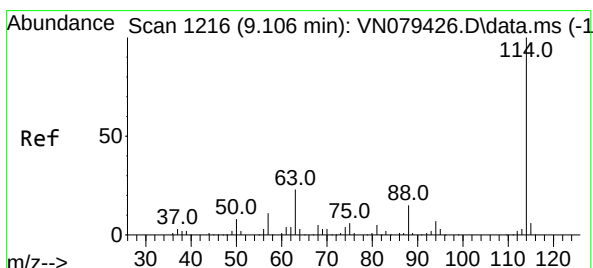
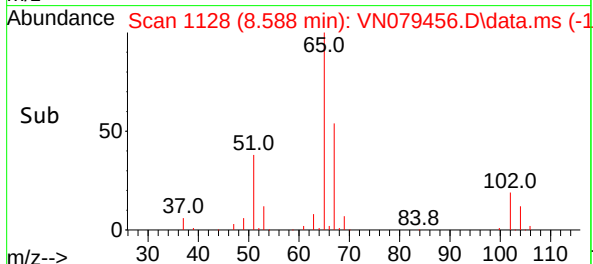
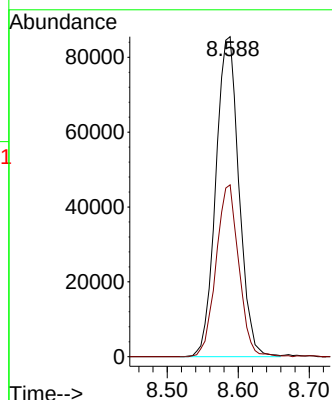
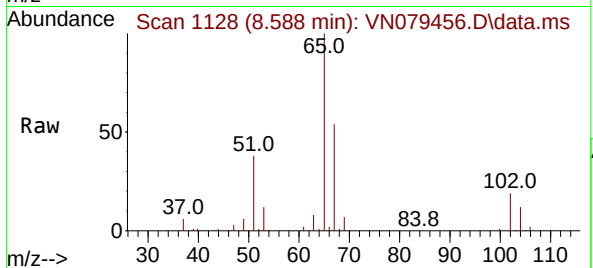




#33
 1,2-Dichloroethane-d4
 Concen: 64.388 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN079456.D
 Acq: 06 Oct 2023 18:44

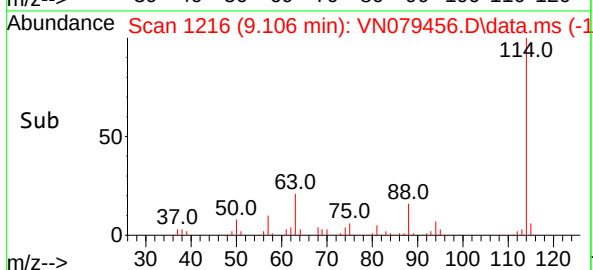
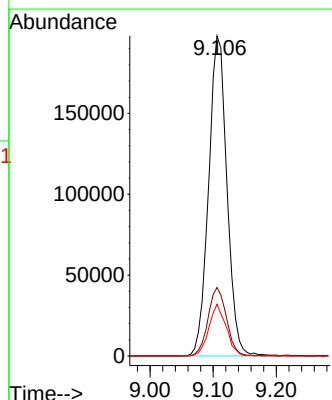
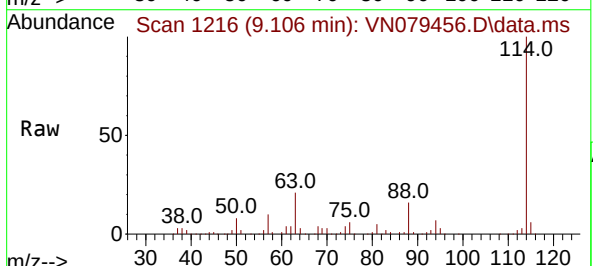
Instrument :
 MSVOA_N
 ClientSampleId :
 DTP-3

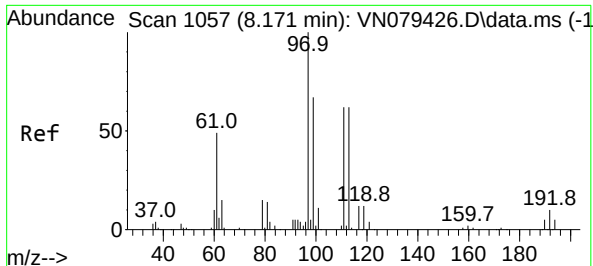
Tgt Ion: 65 Resp: 193366
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079456.D
 Acq: 06 Oct 2023 18:44

Tgt Ion: 114 Resp: 399405
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 36.4
 88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.809 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079456.D

Acq: 06 Oct 2023 18:44

Instrument :

MSVOA_N

ClientSampleId :

DTP-3

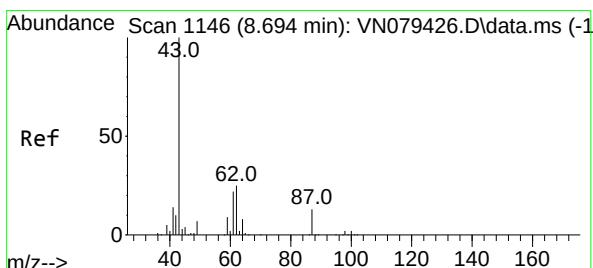
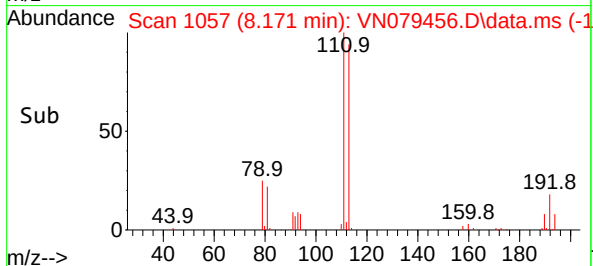
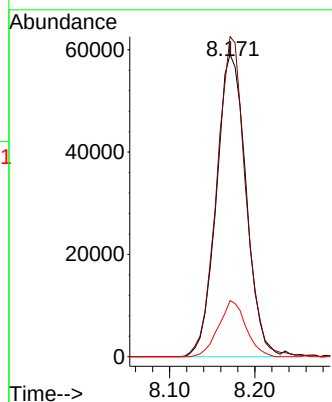
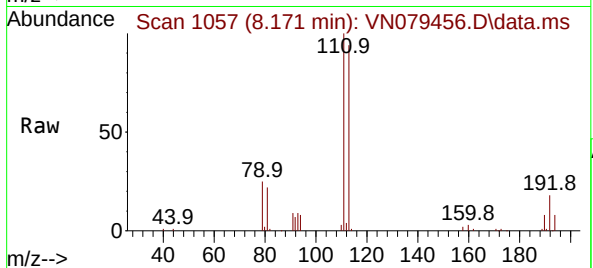
Tgt Ion:113 Resp: 142966

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 17.1 12.7 19.1



#43

Isopropyl Acetate

Concen: 42.011 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079456.D

Acq: 06 Oct 2023 18:44

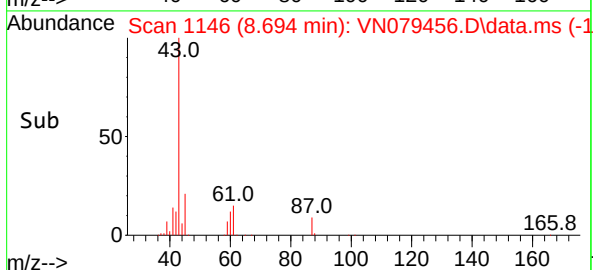
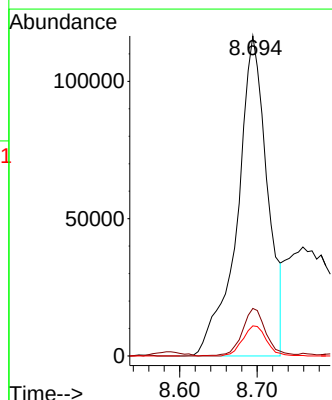
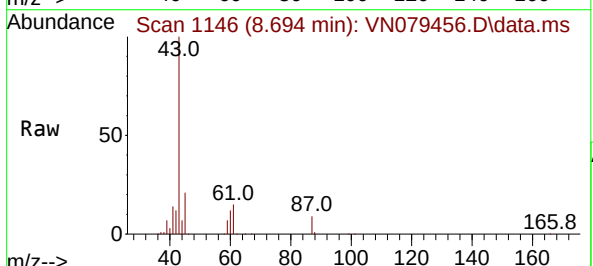
Tgt Ion: 43 Resp: 315488

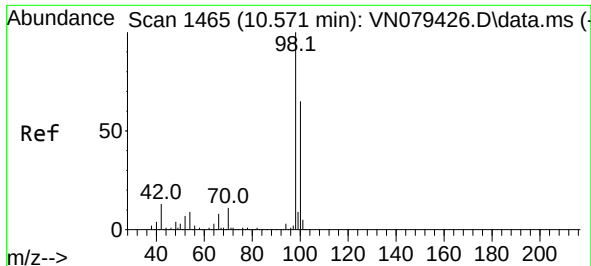
Ion Ratio Lower Upper

43 100

61 11.7 24.7 37.1#

87 7.4 14.6 21.8#

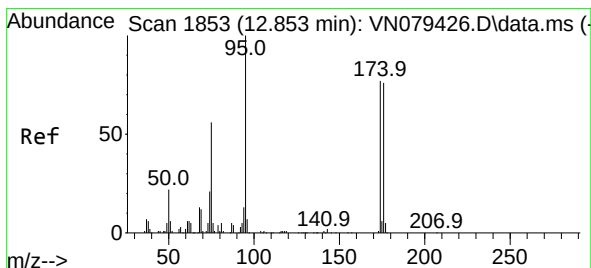
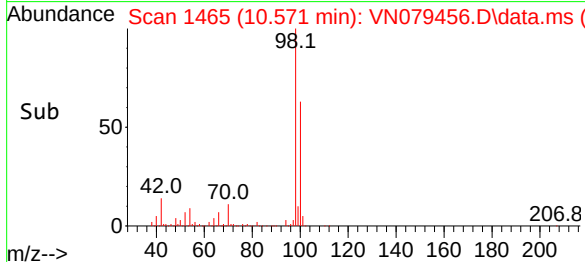
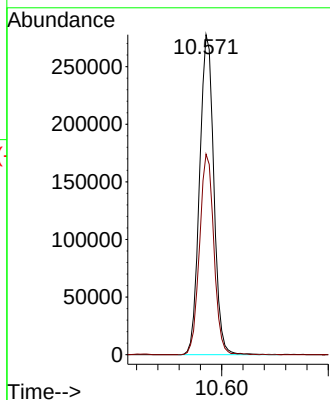
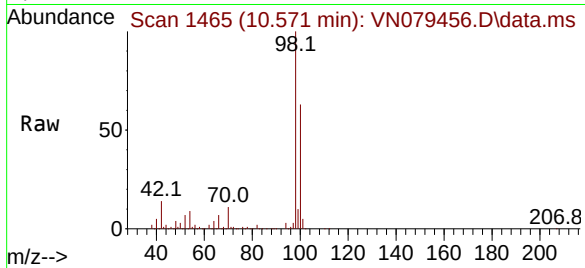




#50
Toluene-d8
Concen: 49.529 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079456.D
Acq: 06 Oct 2023 18:44

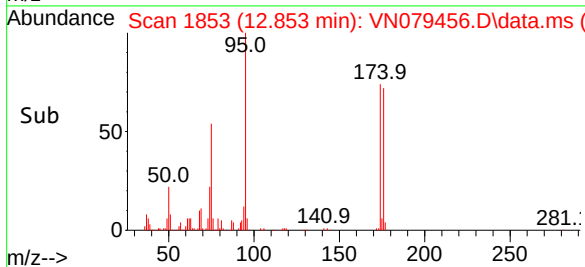
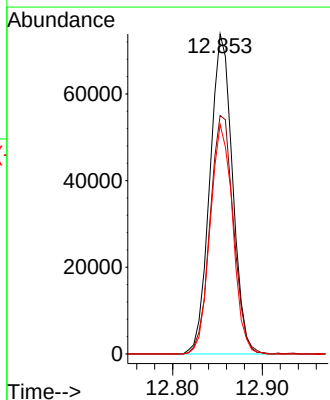
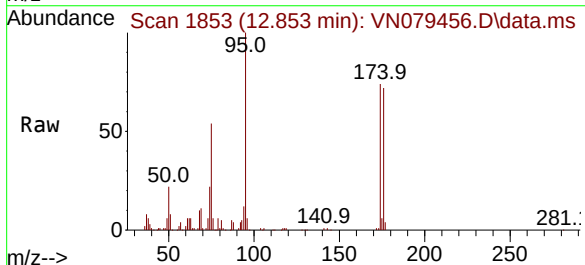
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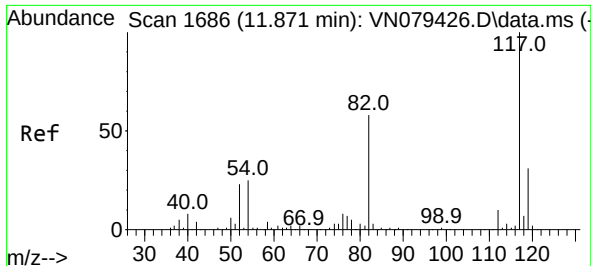
Tgt Ion: 98 Resp: 514386
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.771 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079456.D
Acq: 06 Oct 2023 18:44

Tgt Ion: 95 Resp: 129221
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 71.4 0.0 135.8

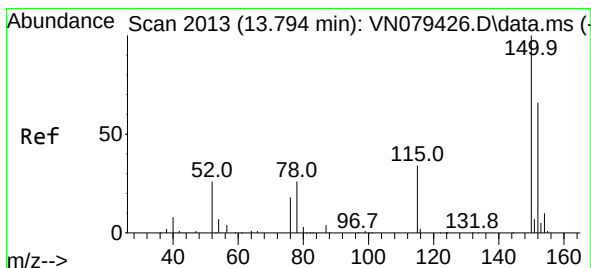
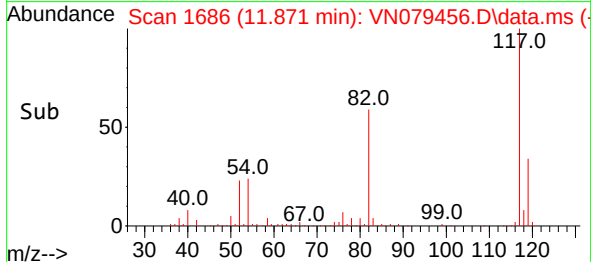
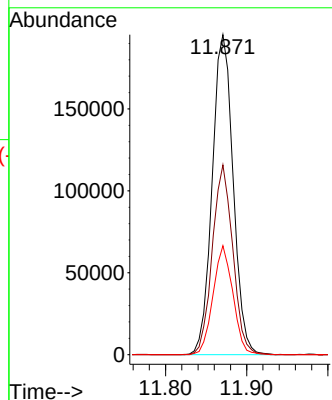
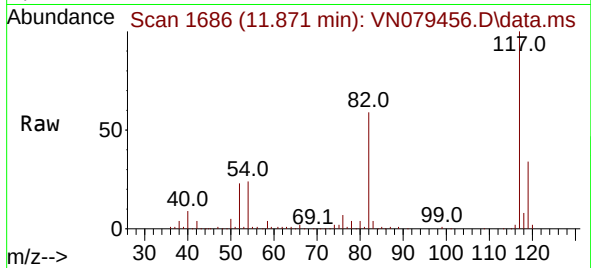




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079456.D
Acq: 06 Oct 2023 18:44

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 350431
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 34.0 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: VN079456.D
Acq: 06 Oct 2023 18:44

Tgt Ion:152 Resp: 87878
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 159.6 0.0 355.8

