

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079549.D
 Acq On : 12 Oct 2023 16:47
 Operator : JC\MD
 Sample : 04858-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3

Quant Time: Oct 13 01:22:00 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)

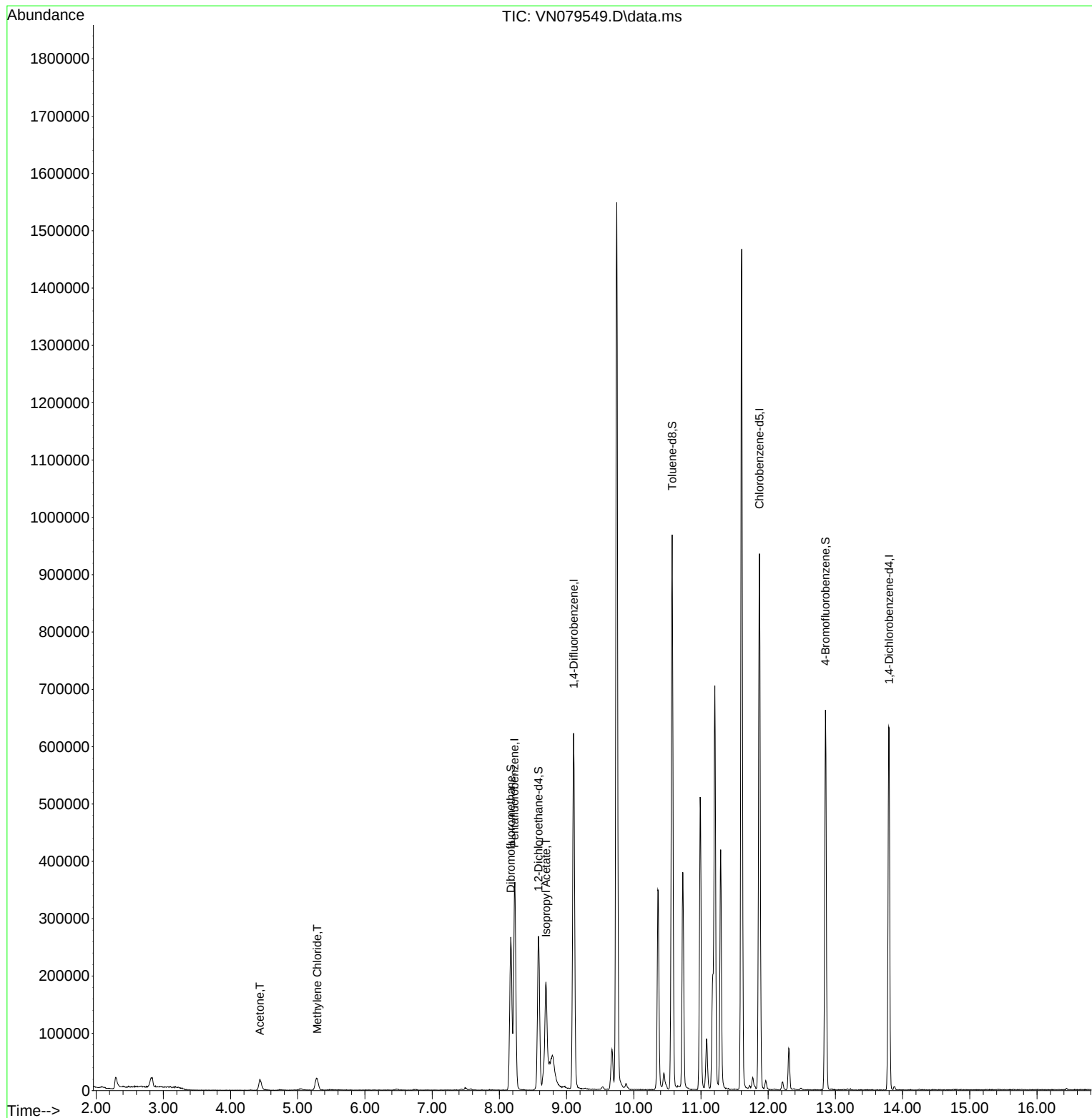
Internal Standards						
1) Pentafluorobenzene	8.224	168	252147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	527425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	166727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	217366	53.167	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.340%	
35) Dibromofluoromethane	8.171	113	186971	49.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.900%	
50) Toluene-d8	10.571	98	645481	47.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.320%	
62) 4-Bromofluorobenzene	12.853	95	216765	49.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.740%	
Target Compounds						Qvalue
16) Acetone	4.436	43	35178	21.694	ug/l	97
20) Methylene Chloride	5.289	84	16641	4.134	ug/l #	84
43) Isopropyl Acetate	8.694	43	237444	24.246	ug/l #	73

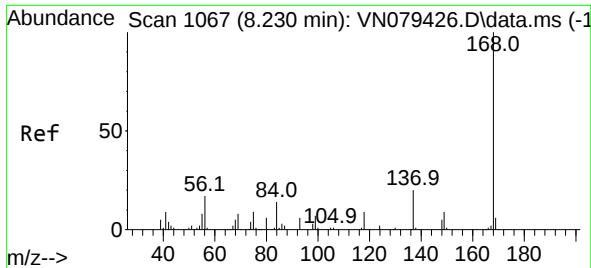
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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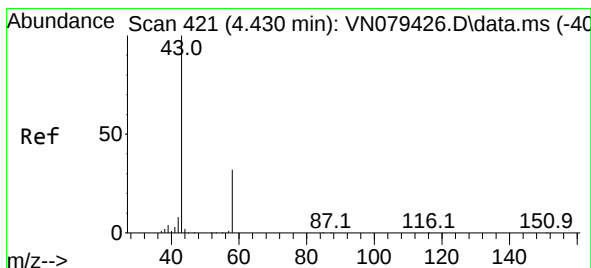
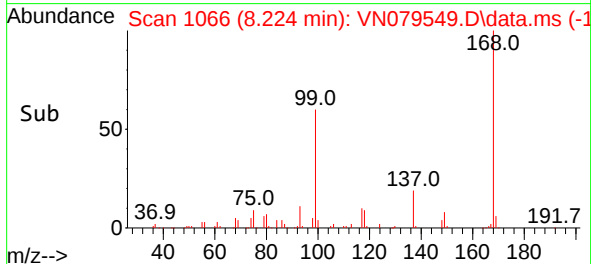
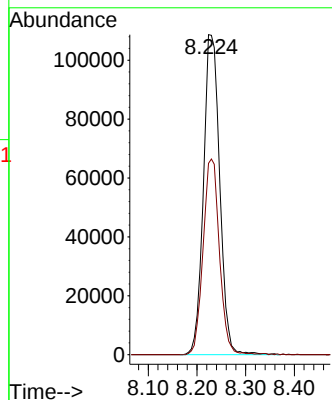
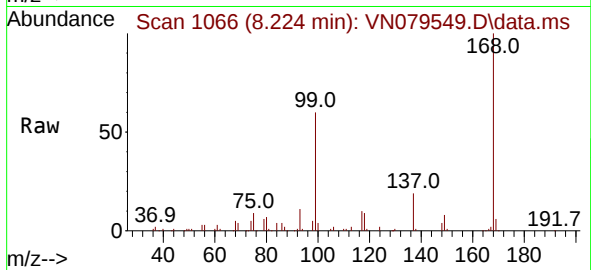




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN079549.D
Acq: 12 Oct 2023 16:47

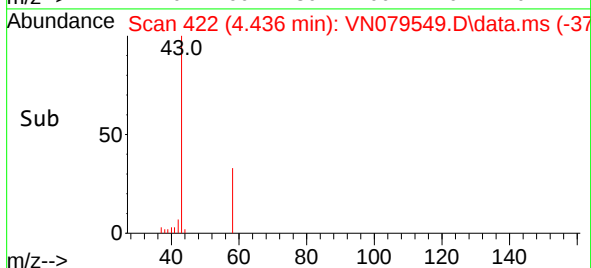
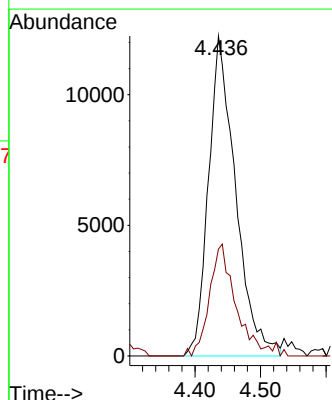
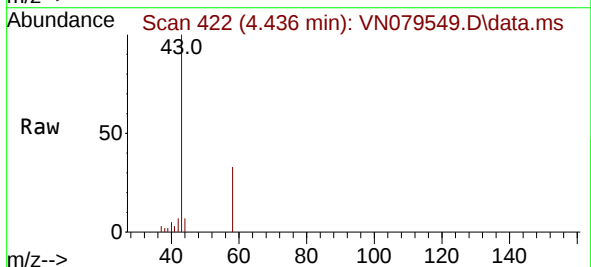
Instrument :
MSVOA_N
ClientSampleId :
WC-3

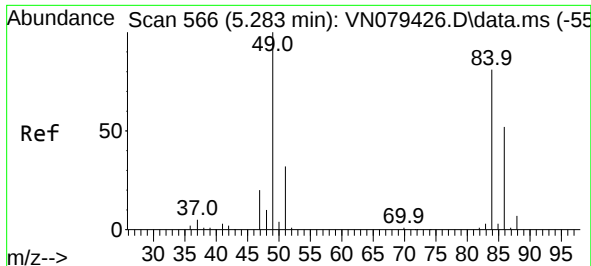
Tgt Ion:168 Resp: 252147
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6



#16
Acetone
Concen: 21.694 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079549.D
Acq: 12 Oct 2023 16:47

Tgt Ion: 43 Resp: 35178
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0

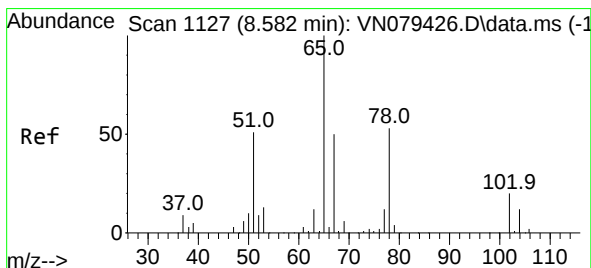
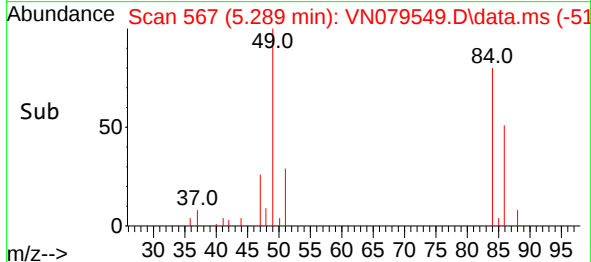
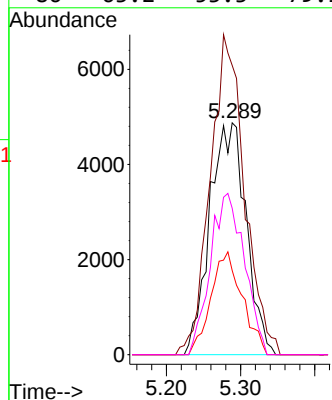
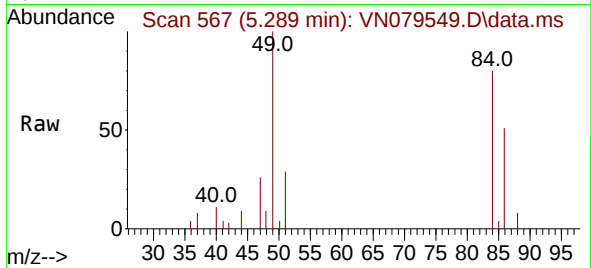




#20
Methylene Chloride
Concen: 4.134 ug/l
RT: 5.289 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN079549.D
Acq: 12 Oct 2023 16:47

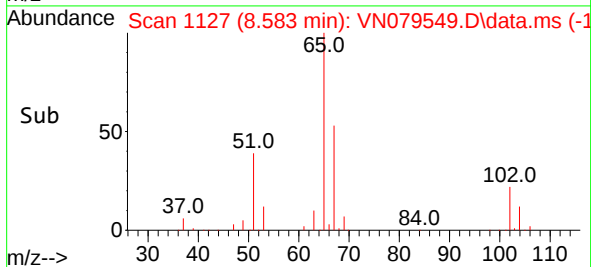
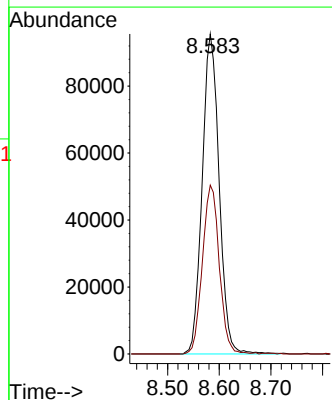
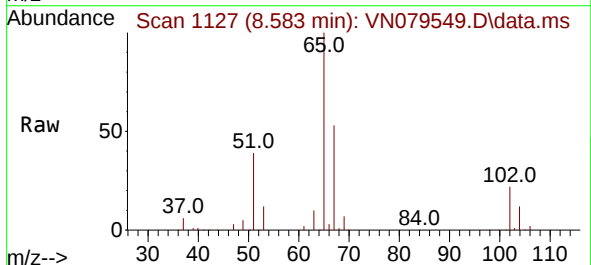
Instrument :
MSVOA_N
ClientSampleId :
WC-3

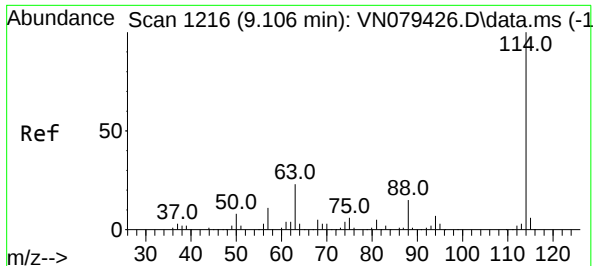
Tgt Ion:	84	Resp:	16641
Ion	Ratio	Lower	Upper
84	100		
49	124.8	79.7	119.5#
51	36.3	25.2	37.8
86	63.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.167 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079549.D
Acq: 12 Oct 2023 16:47

Tgt Ion:	65	Resp:	217366
Ion	Ratio	Lower	Upper
65	100		
67	52.6	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: VN079549.D

Acq: 12 Oct 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

WC-3

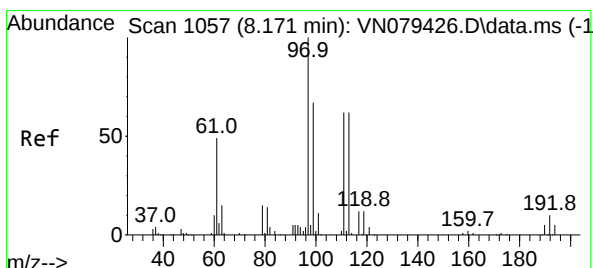
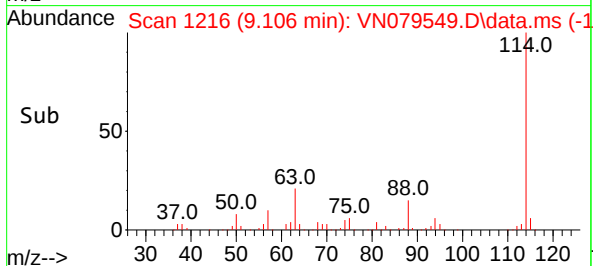
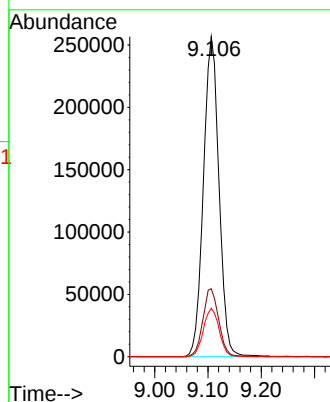
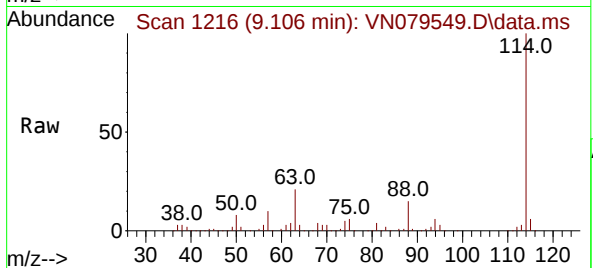
Tgt Ion:114 Resp: 520843

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.953 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079549.D

Acq: 12 Oct 2023 16:47

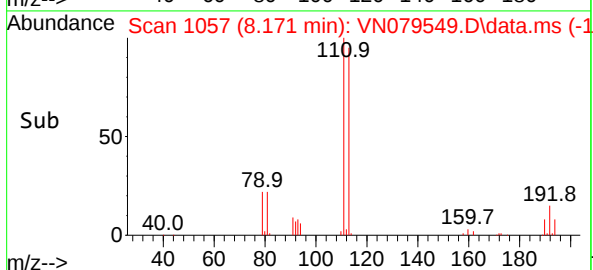
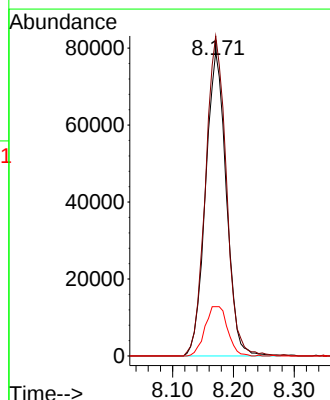
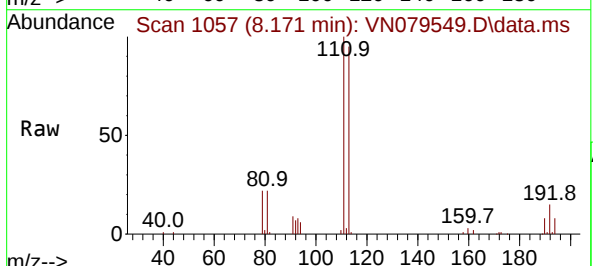
Tgt Ion:113 Resp: 186971

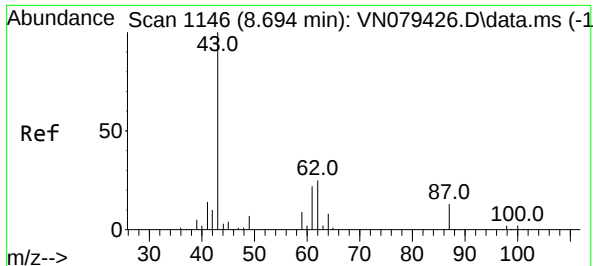
Ion Ratio Lower Upper

113 100

111 105.9 82.6 123.8

192 17.6 12.7 19.1





#43

Isopropyl Acetate

Concen: 24.246 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079549.D

Acq: 12 Oct 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

WC-3

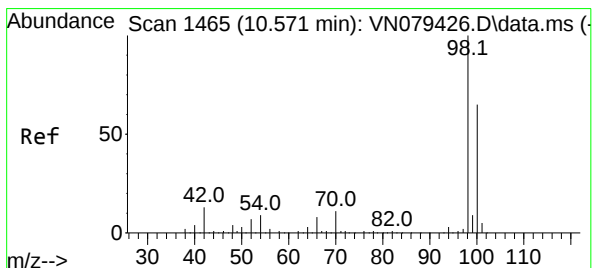
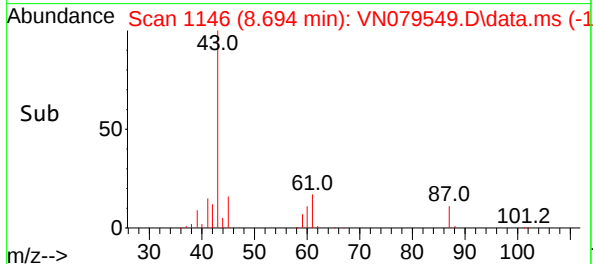
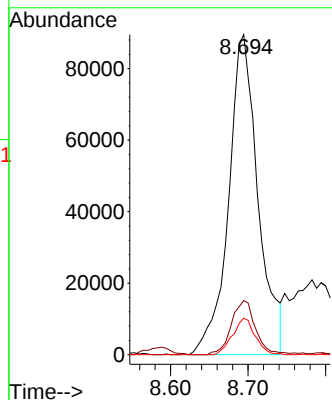
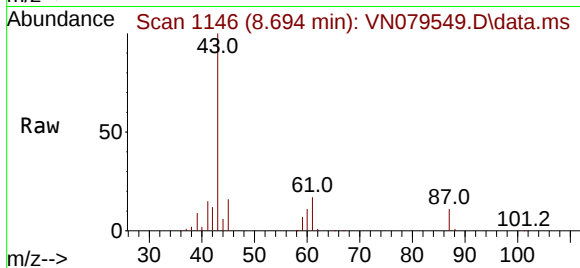
Tgt Ion: 43 Resp: 237444

Ion Ratio Lower Upper

43 100

61 14.0 24.7 37.1#

87 8.7 14.6 21.8#



#50

Toluene-d8

Concen: 47.661 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079549.D

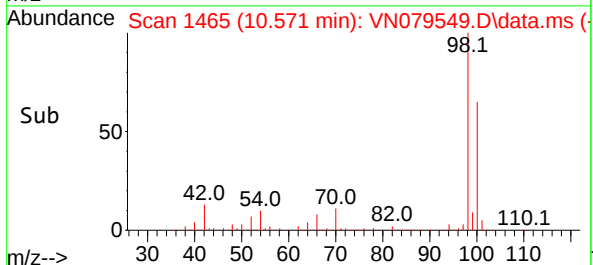
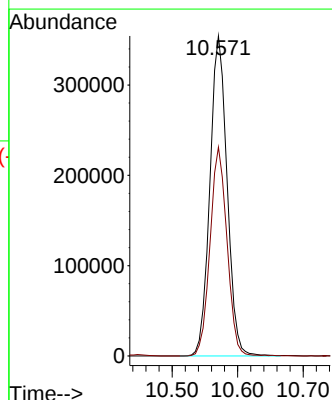
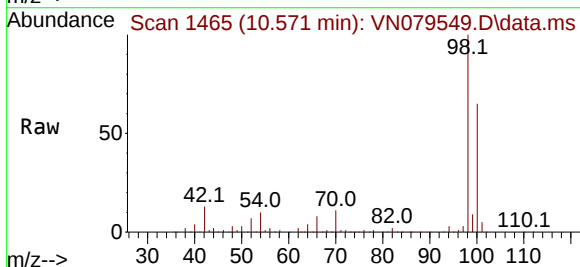
Acq: 12 Oct 2023 16:47

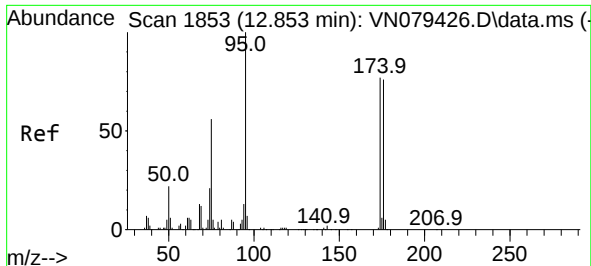
Tgt Ion: 98 Resp: 645481

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

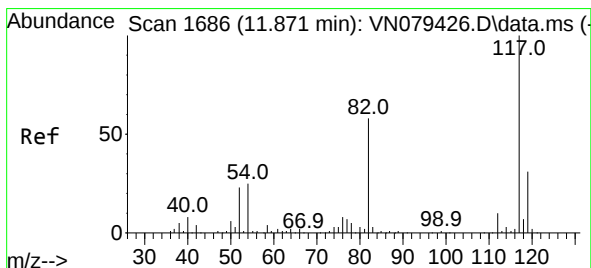
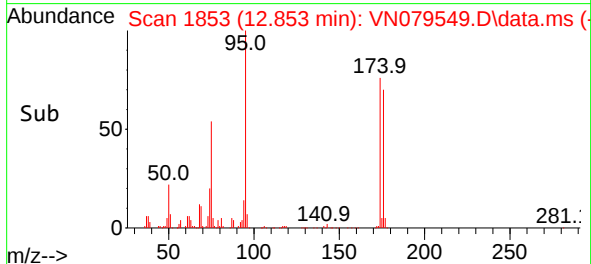
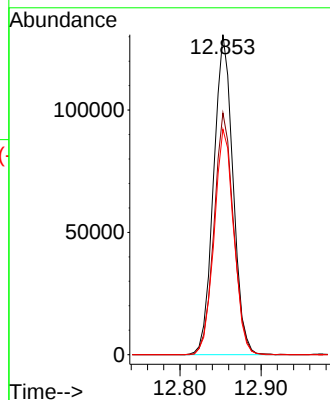
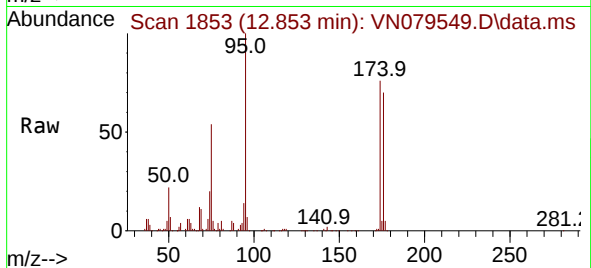




#62
4-Bromofluorobenzene
Concen: 49.874 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079549.D
Acq: 12 Oct 2023 16:47

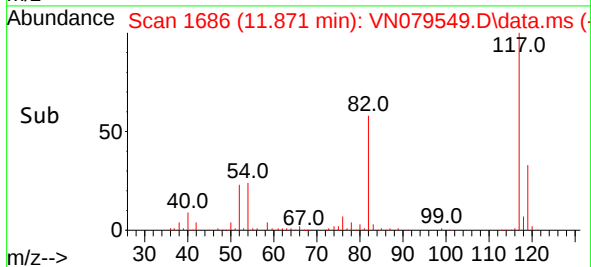
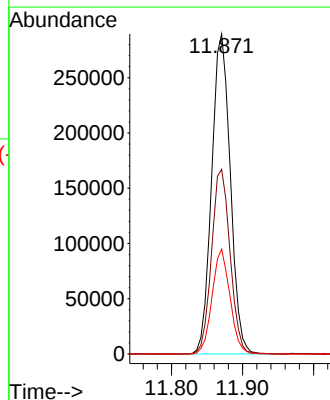
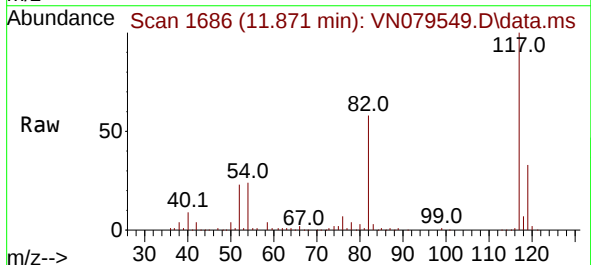
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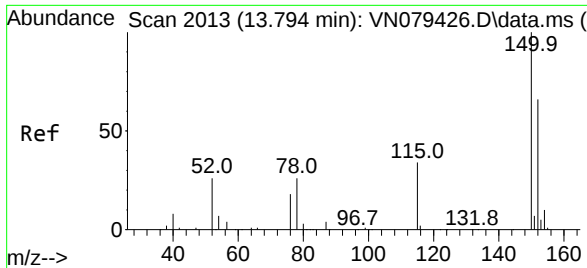
Tgt Ion: 95 Resp: 216765
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 71.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079549.D
Acq: 12 Oct 2023 16:47

Tgt Ion: 117 Resp: 527425
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.8 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: VN079549.D
 Acq: 12 Oct 2023 16:47

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3

Tgt Ion:152 Resp: 166727
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 155.6 0.0 355.8

