

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079499.D
 Acq On : 10 Oct 2023 17:37
 Operator : JC\MD
 Sample : 04817-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11930

Quant Time: Oct 11 06:21:42 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)

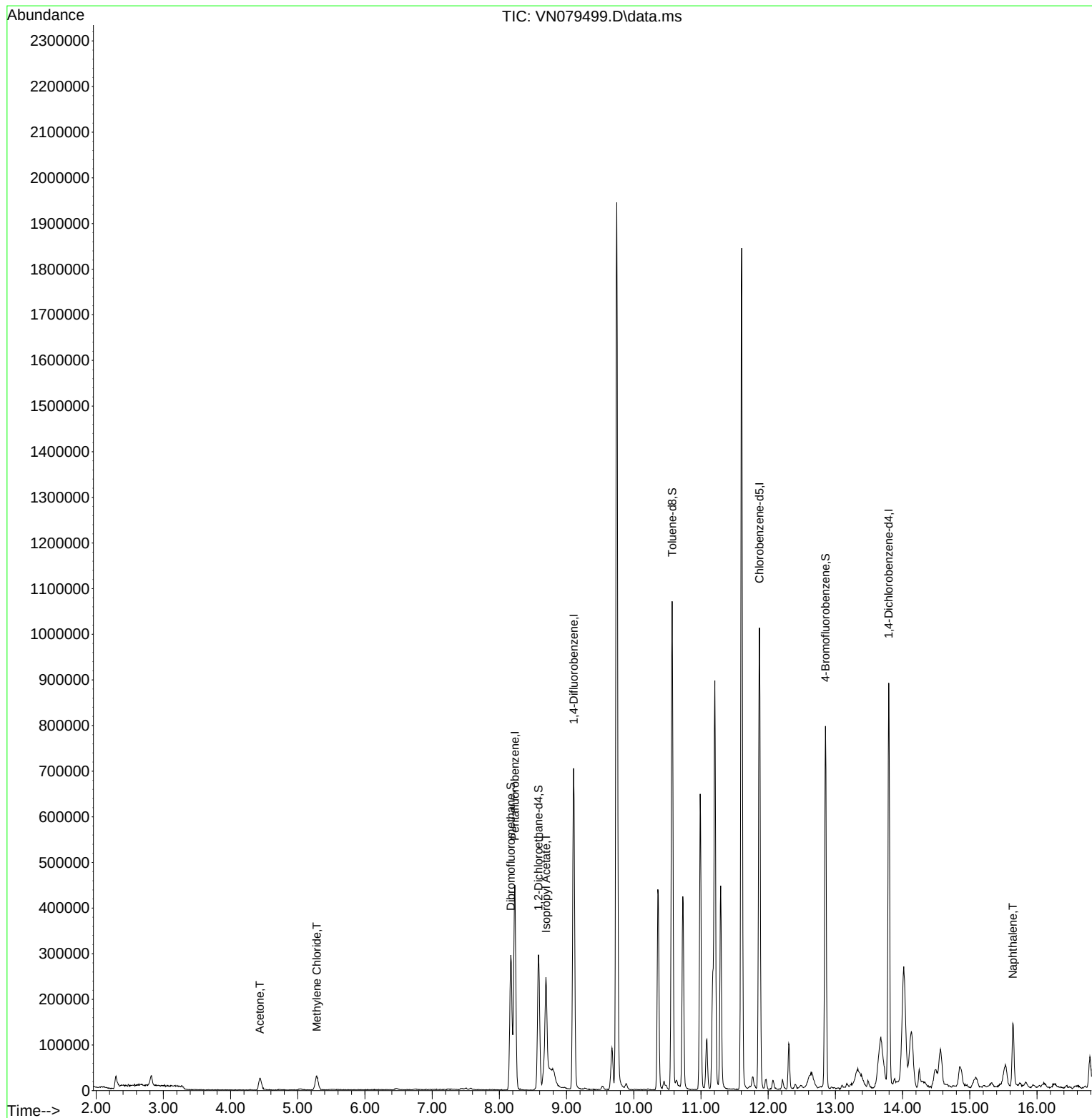
Internal Standards						
1) Pentafluorobenzene	8.230	168	316662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	607861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	584388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240593	46.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.720%
35) Dibromofluoromethane	8.171	113	212904	48.738	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	10.571	98	716851	45.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.700%
62) 4-Bromofluorobenzene	12.853	95	269079	53.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.100%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	51427	25.253	ug/l #	79
20) Methylene Chloride	5.283	84	23505	4.725	ug/l #	88
43) Isopropyl Acetate	8.694	43	333953	29.219	ug/l #	71
95) Naphthalene	15.641	128	124463	16.487	ug/l	97

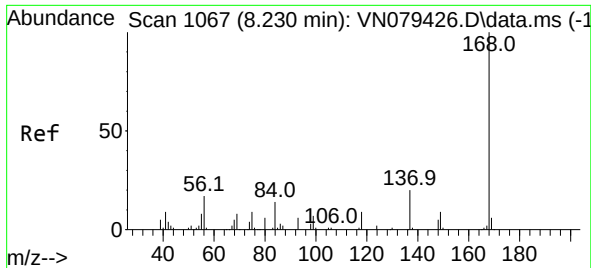
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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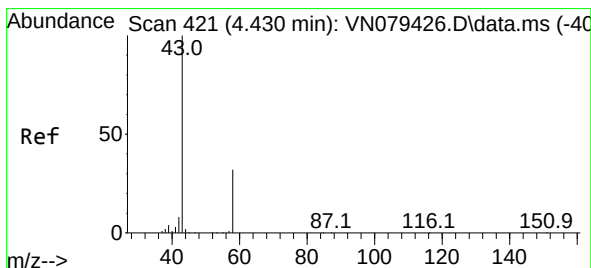
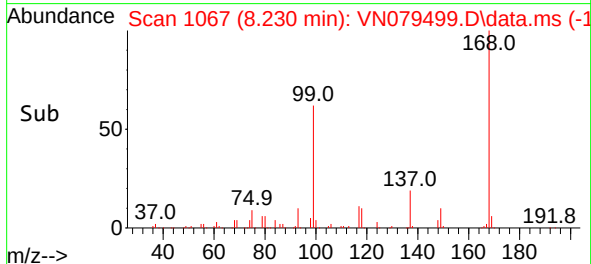
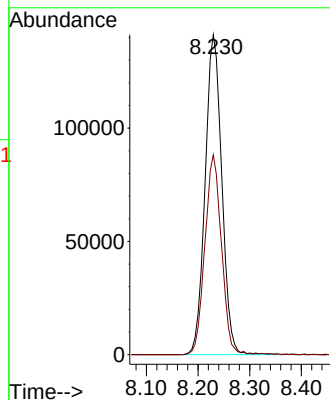
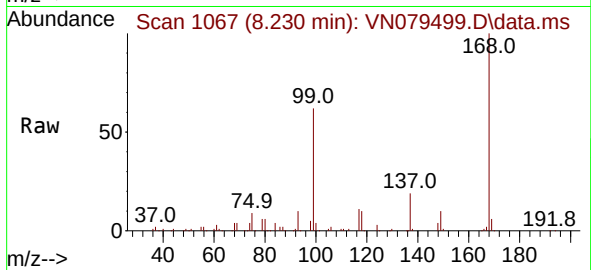




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079499.D
Acq: 10 Oct 2023 17:37

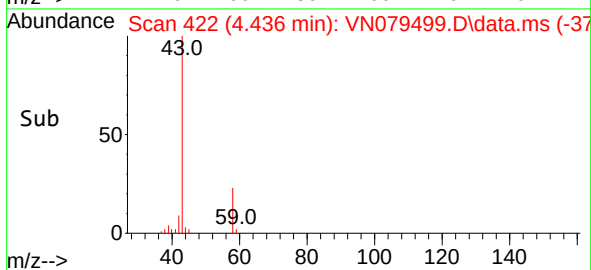
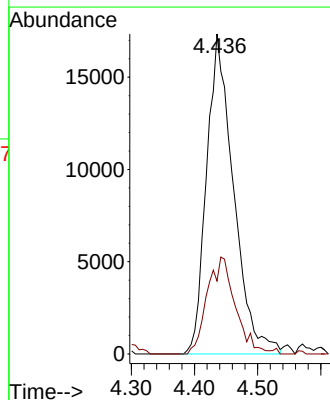
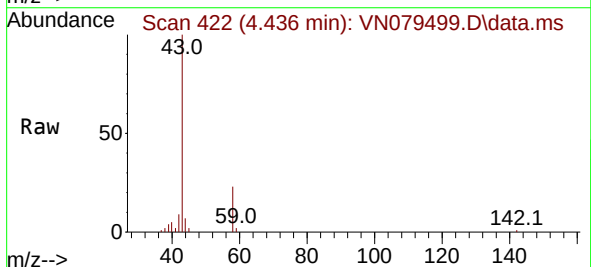
Instrument :
MSVOA_N
ClientSampleId :
72-11930

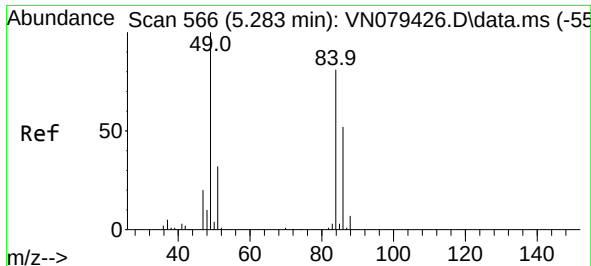
Tgt Ion:168 Resp: 316662
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#16
Acetone
Concen: 25.253 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079499.D
Acq: 10 Oct 2023 17:37

Tgt Ion: 43 Resp: 51427
Ion Ratio Lower Upper
43 100
58 22.8 28.0 42.0#

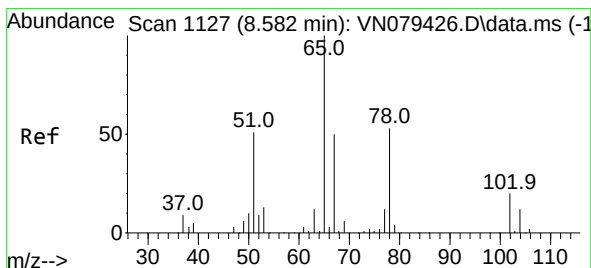
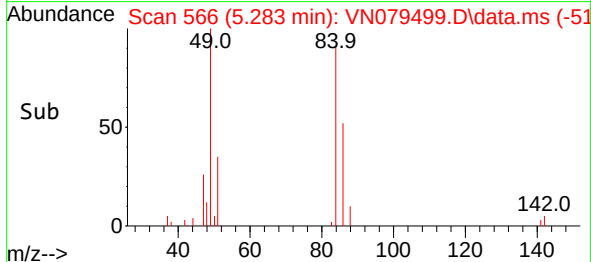
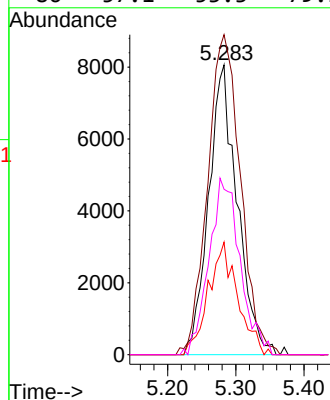
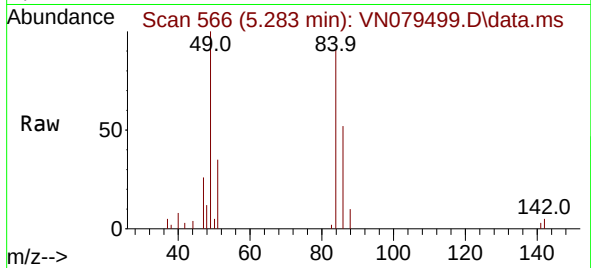




#20
Methylene Chloride
Concen: 4.725 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079499.D
Acq: 10 Oct 2023 17:37

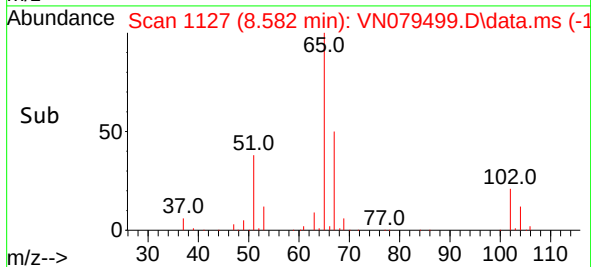
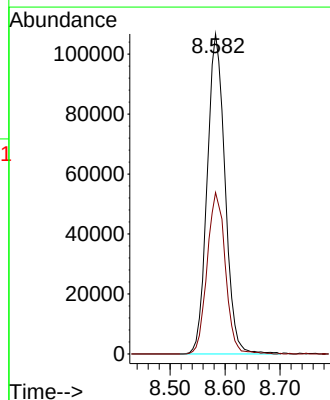
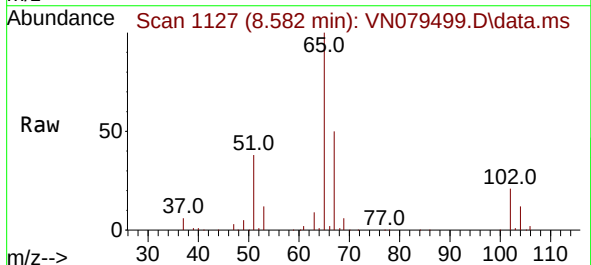
Instrument :
MSVOA_N
ClientSampleId :
72-11930

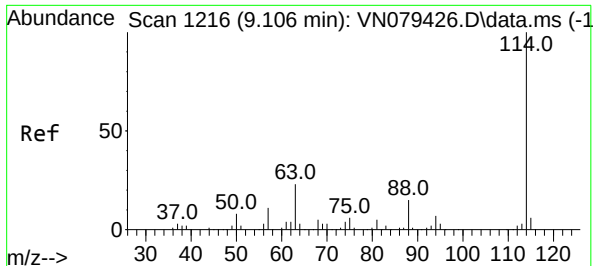
Tgt Ion:	84	Resp:	23505
Ion	Ratio	Lower	Upper
84	100		
49	110.4	79.7	119.5
51	38.8	25.2	37.8#
86	57.1	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 46.859 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079499.D
Acq: 10 Oct 2023 17:37

Tgt Ion:	65	Resp:	240593
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VN079499.D

Acq: 10 Oct 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

72-11930

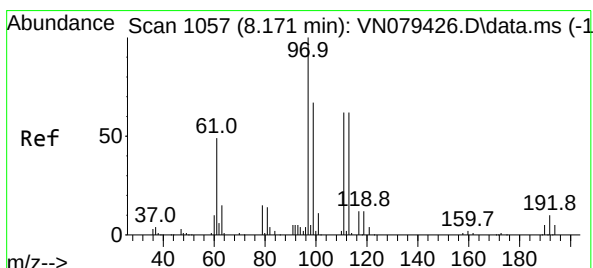
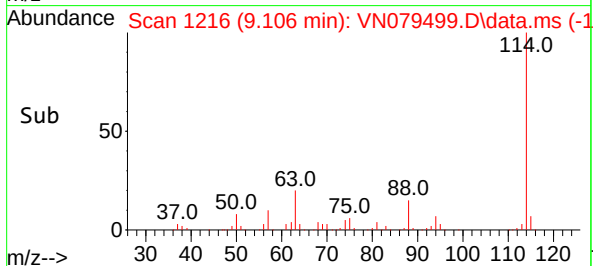
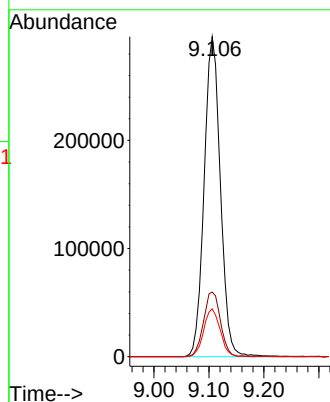
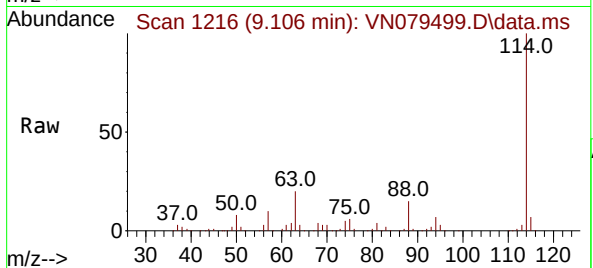
Tgt Ion:114 Resp: 607861

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079499.D

Acq: 10 Oct 2023 17:37

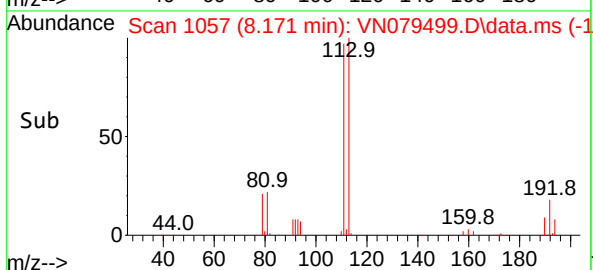
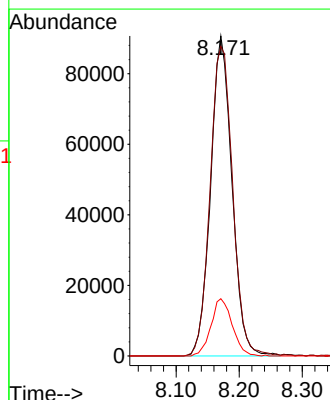
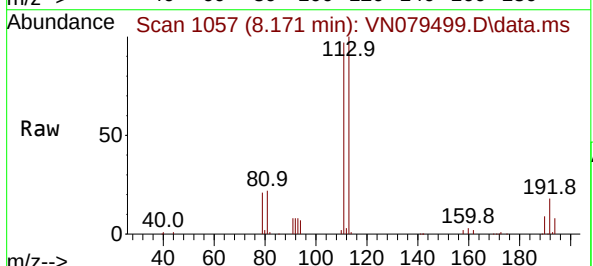
Tgt Ion:113 Resp: 212904

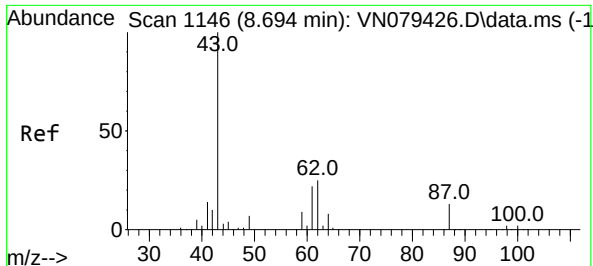
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 17.8 12.7 19.1





#43

Isopropyl Acetate

Concen: 29.219 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079499.D

Acq: 10 Oct 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

72-11930

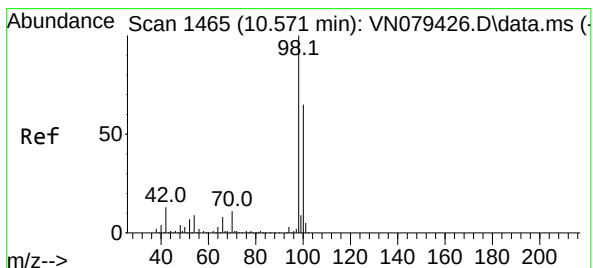
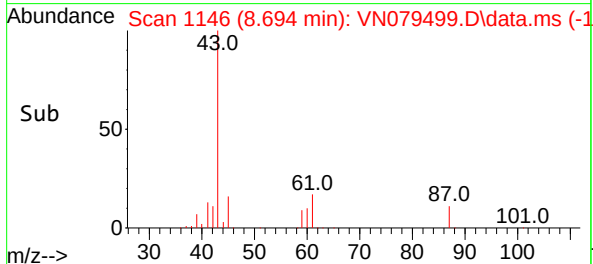
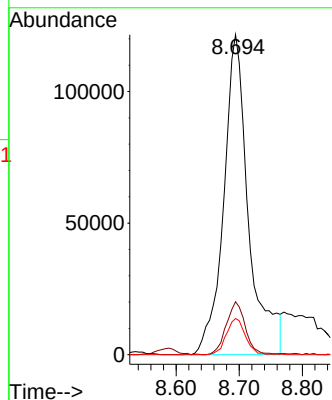
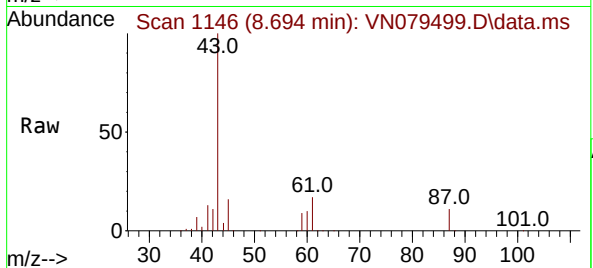
Tgt Ion: 43 Resp: 333953

Ion Ratio Lower Upper

43 100

61 12.7 24.7 37.1#

87 8.6 14.6 21.8#



#50

Toluene-d8

Concen: 45.354 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079499.D

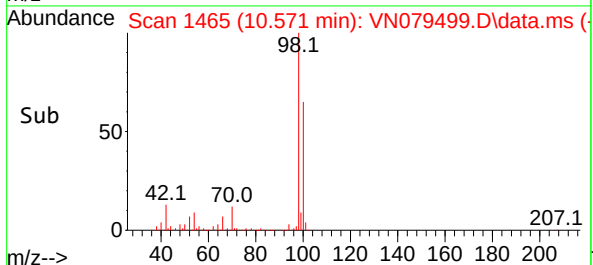
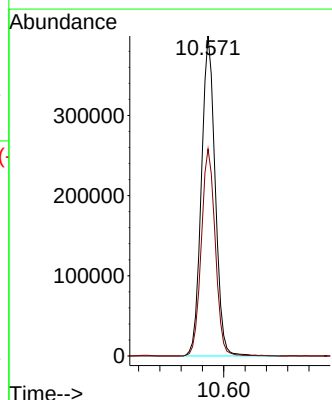
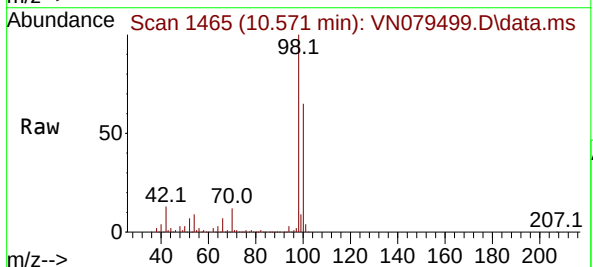
Acq: 10 Oct 2023 17:37

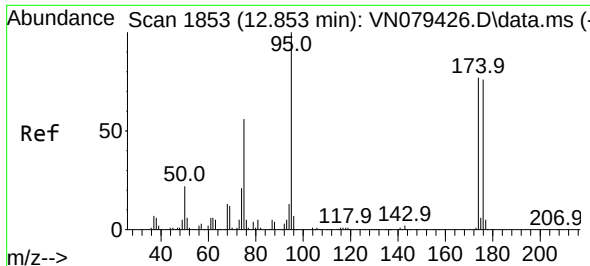
Tgt Ion: 98 Resp: 716851

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

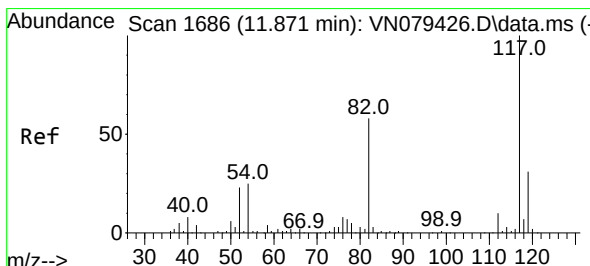
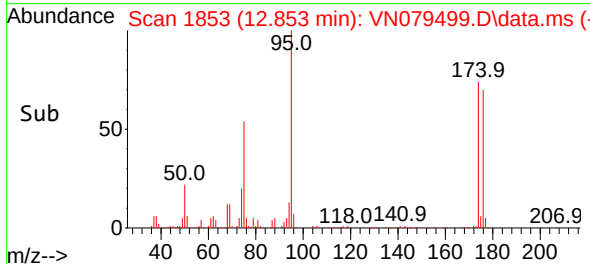
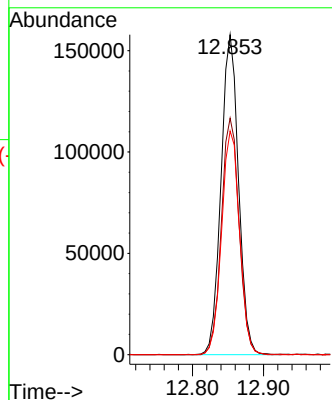
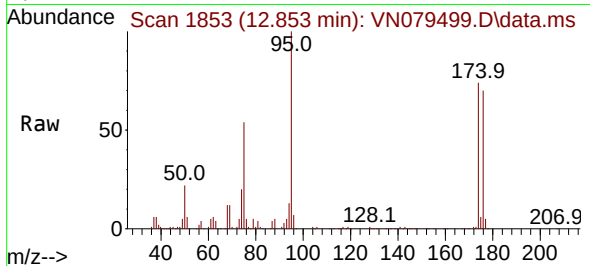




#62
4-Bromofluorobenzene
Concen: 53.048 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079499.D
Acq: 10 Oct 2023 17:37

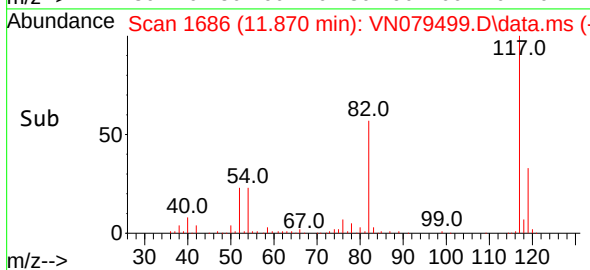
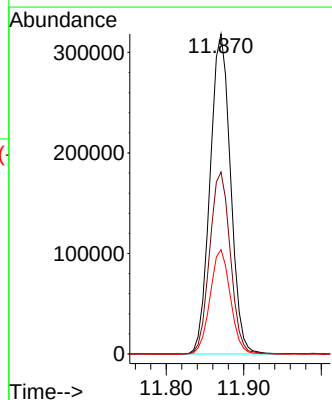
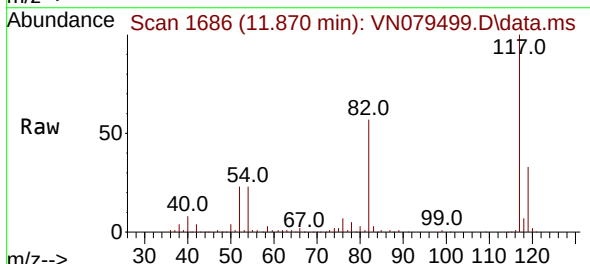
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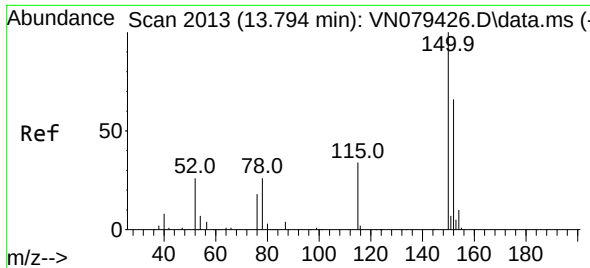
Tgt Ion: 95 Resp: 269079
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079499.D
Acq: 10 Oct 2023 17:37

Tgt Ion: 117 Resp: 584388
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.6 25.6 38.4

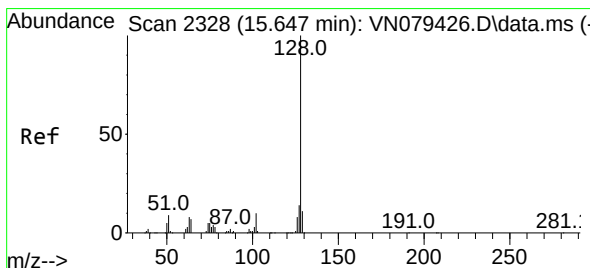
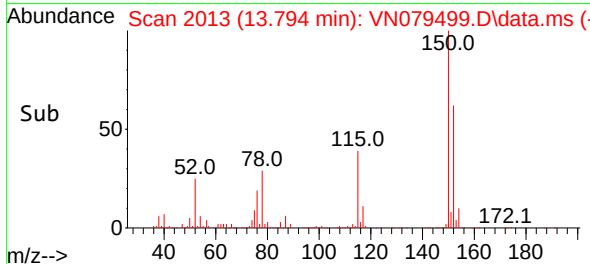
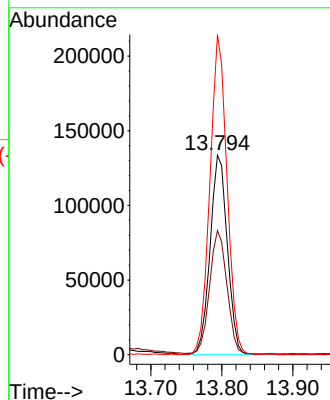
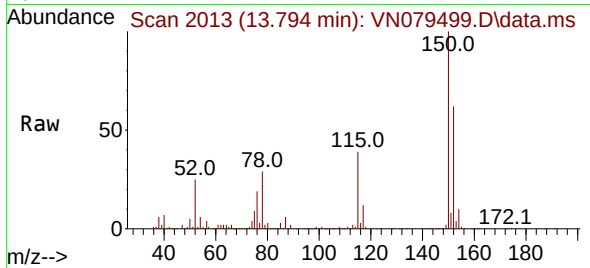




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079499.D
 Acq: 10 Oct 2023 17:37

Instrument :
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Tgt Ion:152 Resp: 226176
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.3 96.8
 150 157.7 0.0 355.8



#95
 Naphthalene
 Concen: 16.487 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. -0.006 min
 Lab File: VN079499.D
 Acq: 10 Oct 2023 17:37

Tgt Ion:128 Resp: 124463
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.0 15.0
 129 11.6 8.7 13.1

