

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079504.D
 Acq On : 10 Oct 2023 19:37
 Operator : JC\MD
 Sample : 04819-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-AP-02-100923

Quant Time: Oct 11 06:24:01 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)

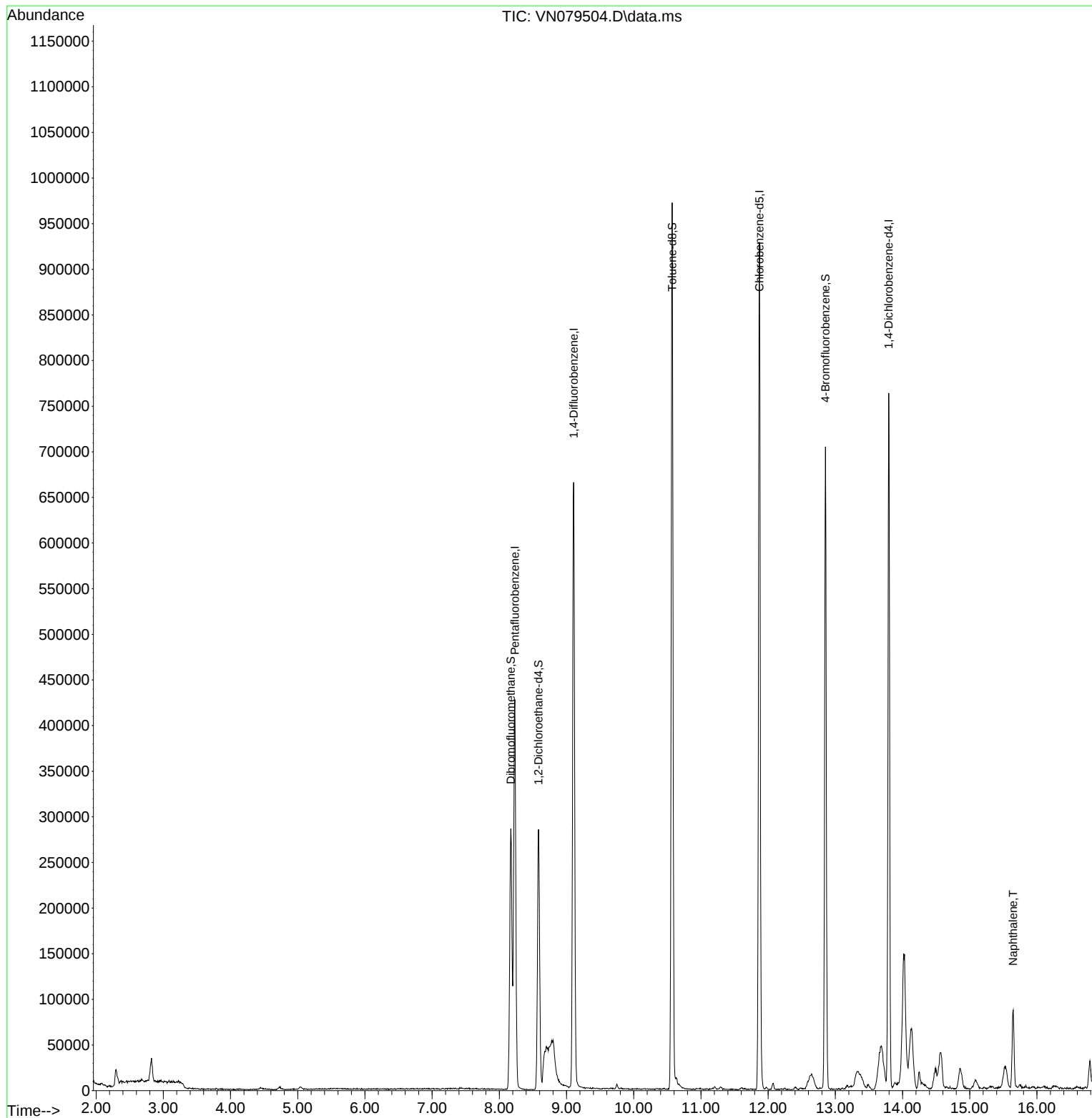
Internal Standards						
1) Pentafluorobenzene	8.230	168	302452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	579048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	534690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	224614	45.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.600%
35) Dibromofluoromethane	8.171	113	209157	50.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.520%
50) Toluene-d8	10.571	98	667129	44.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.620%
62) 4-Bromofluorobenzene	12.853	95	238103	49.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.560%
Target Compounds						
95) Naphthalene	15.647	128	81360	12.312	ug/l	Qvalue 100

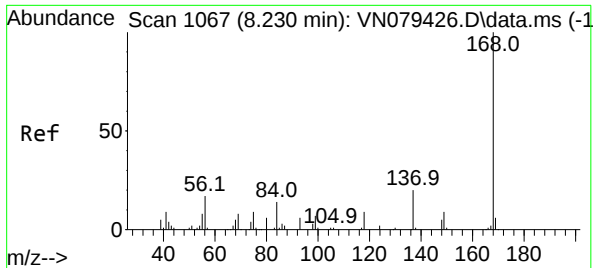
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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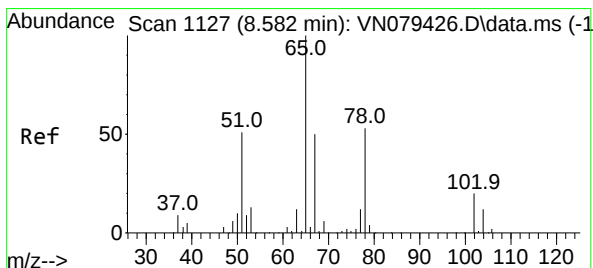
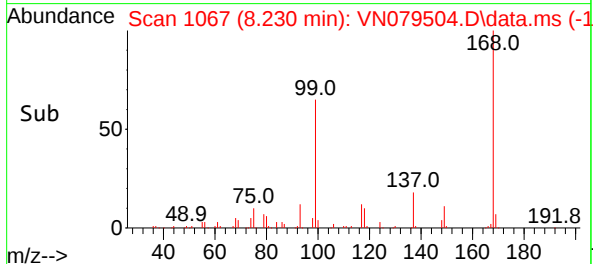
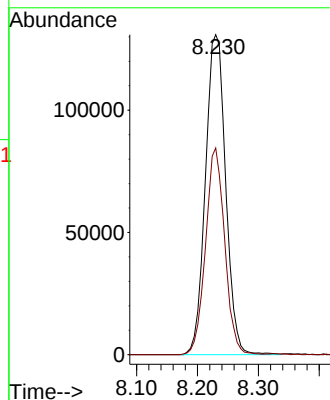
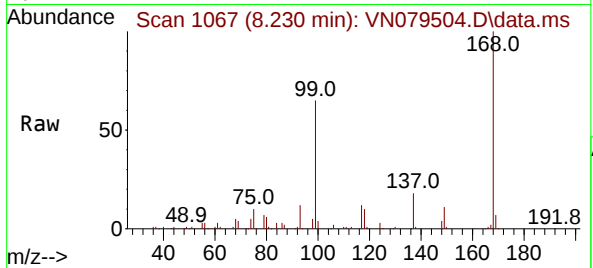




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079504.D
Acq: 10 Oct 2023 19:37

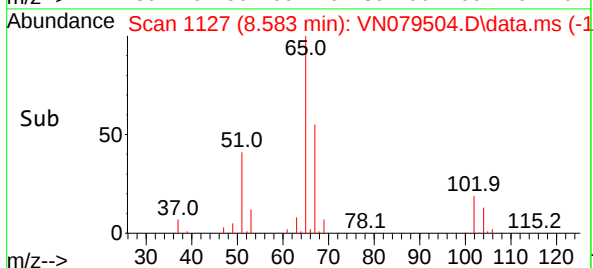
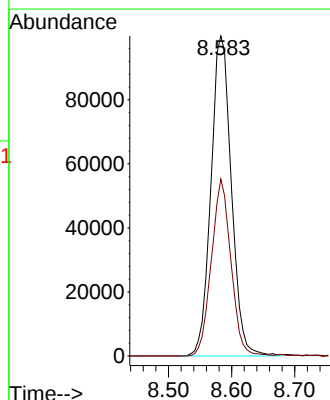
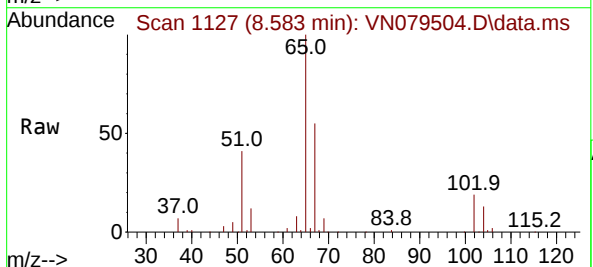
Instrument :
MSVOA_N
ClientSampleId :
SW-AP-02-100923

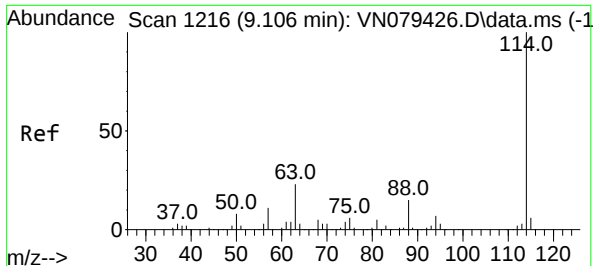
Tgt Ion:168 Resp: 302452
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.802 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079504.D
Acq: 10 Oct 2023 19:37

Tgt Ion: 65 Resp: 224614
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# 1

Delta R.T. 0.000 min

Lab File: VN079504.D

Acq: 10 Oct 2023 19:37

Instrument :

MSVOA_N

ClientSampleId :

SW-AP-02-100923

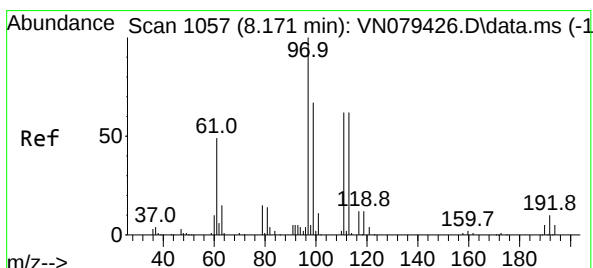
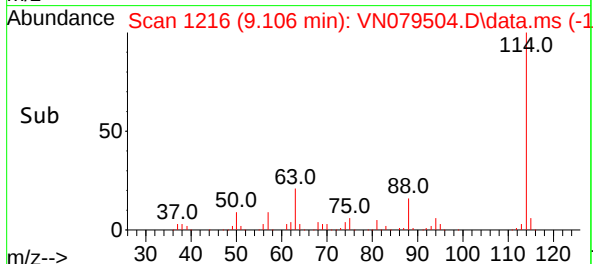
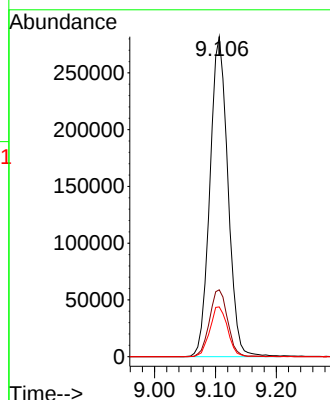
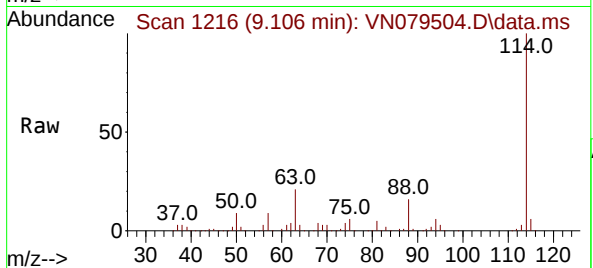
Tgt Ion:114 Resp: 579048

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.263 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079504.D

Acq: 10 Oct 2023 19:37

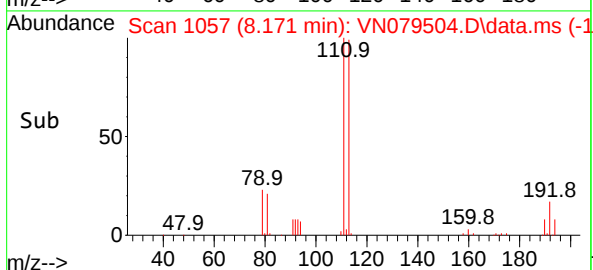
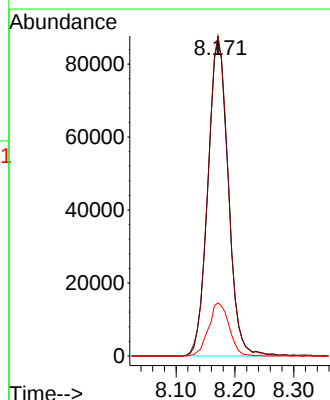
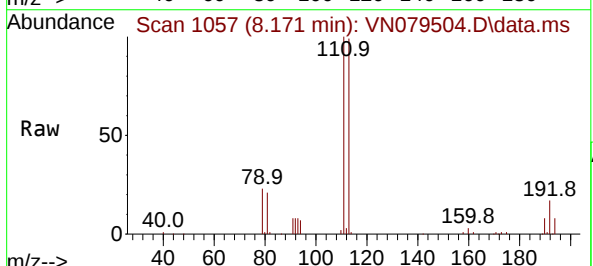
Tgt Ion:113 Resp: 209157

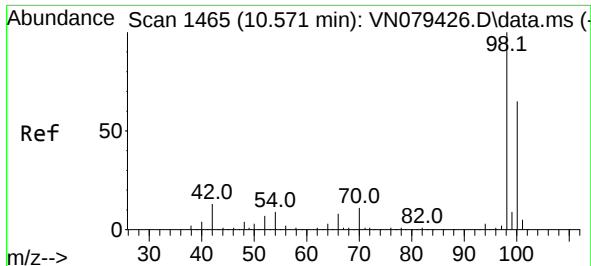
Ion Ratio Lower Upper

113 100

111 100.6 82.6 123.8

192 16.8 12.7 19.1

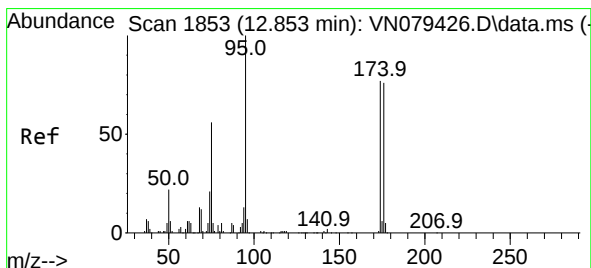
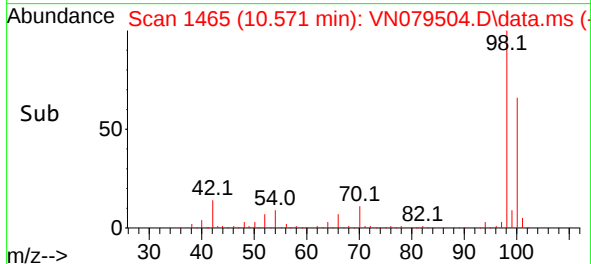
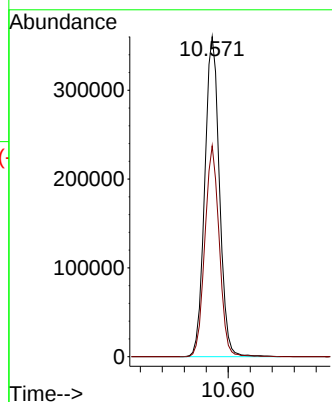
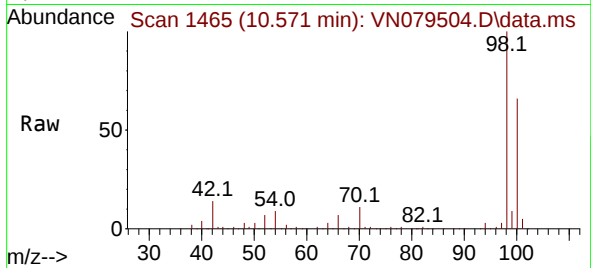




#50
Toluene-d8
Concen: 44.308 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079504.D
Acq: 10 Oct 2023 19:37

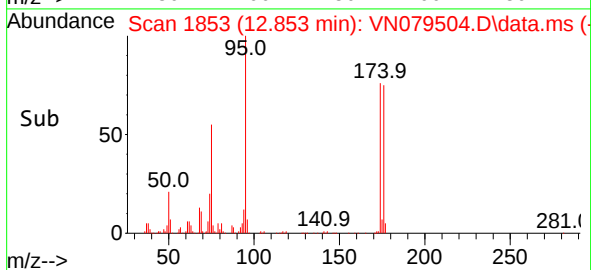
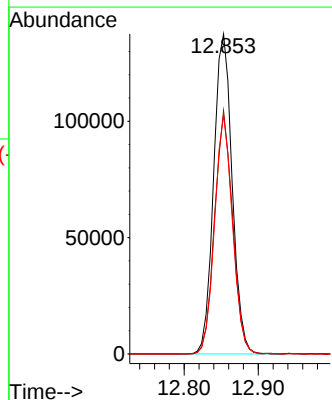
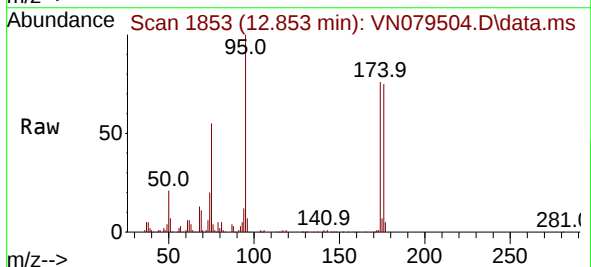
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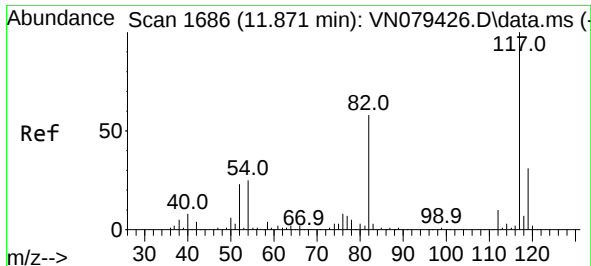
Tgt Ion: 98 Resp: 667129
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.277 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079504.D
Acq: 10 Oct 2023 19:37

Tgt Ion: 95 Resp: 238103
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 72.5 0.0 135.8

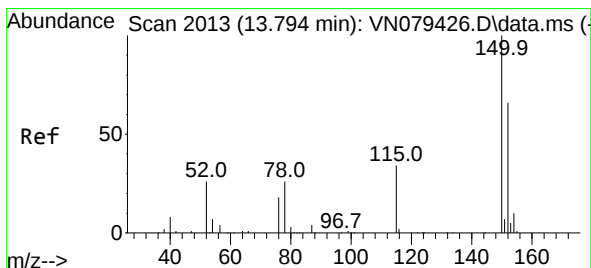
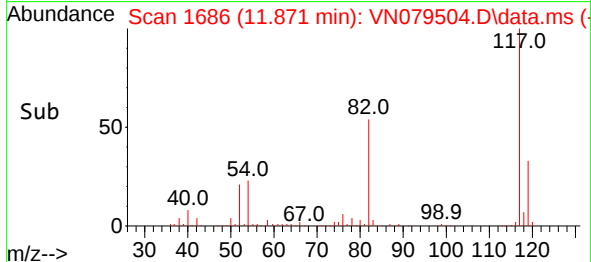
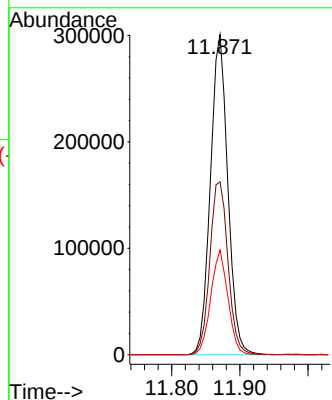
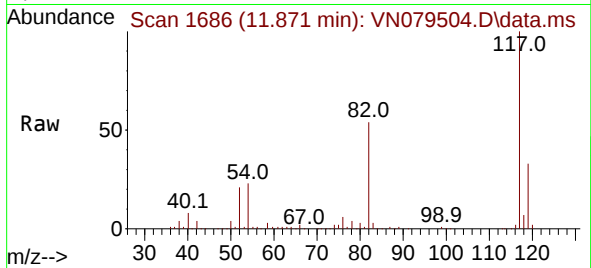




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079504.D
Acq: 10 Oct 2023 19:37

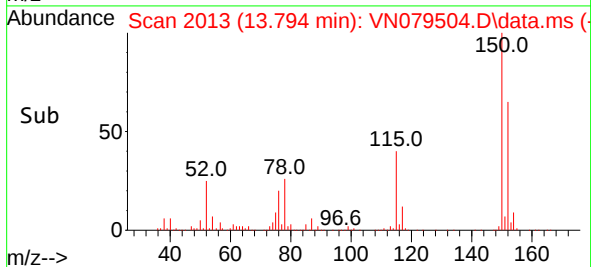
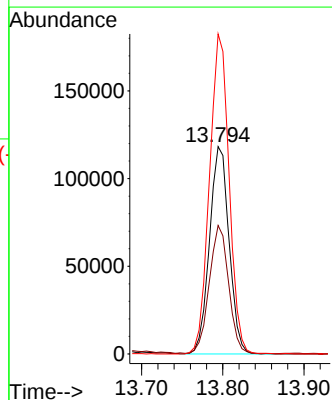
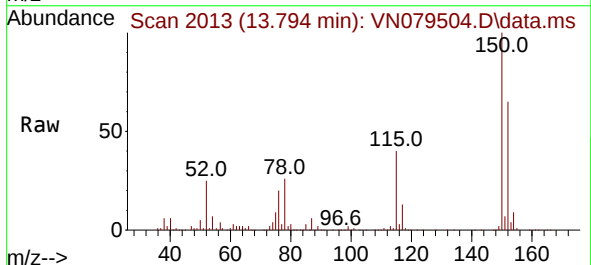
Instrument :
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ClientSampleId :
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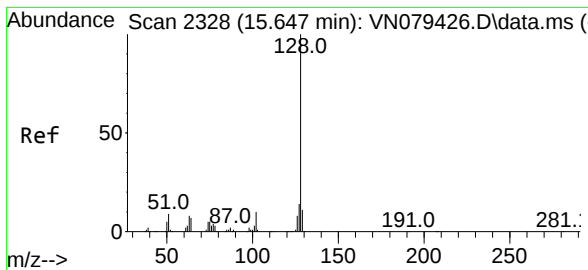
Tgt Ion:117 Resp: 534690
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079504.D
Acq: 10 Oct 2023 19:37

Tgt Ion:152 Resp: 197986
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 154.1 0.0 355.8





#95
Naphthalene
Concen: 12.312 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079504.D
Acq: 10 Oct 2023 19:37

Instrument :
MSVOA_N
ClientSampleId :
SW-AP-02-100923

Tgt Ion:	128	Resp:	81360
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.0	15.0
129	10.8	8.7	13.1

