

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080119.D
 Acq On : 15 Nov 2023 18:40
 Operator : JC\MD
 Sample : 05418-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STONE-2

Quant Time: Nov 15 21:57:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

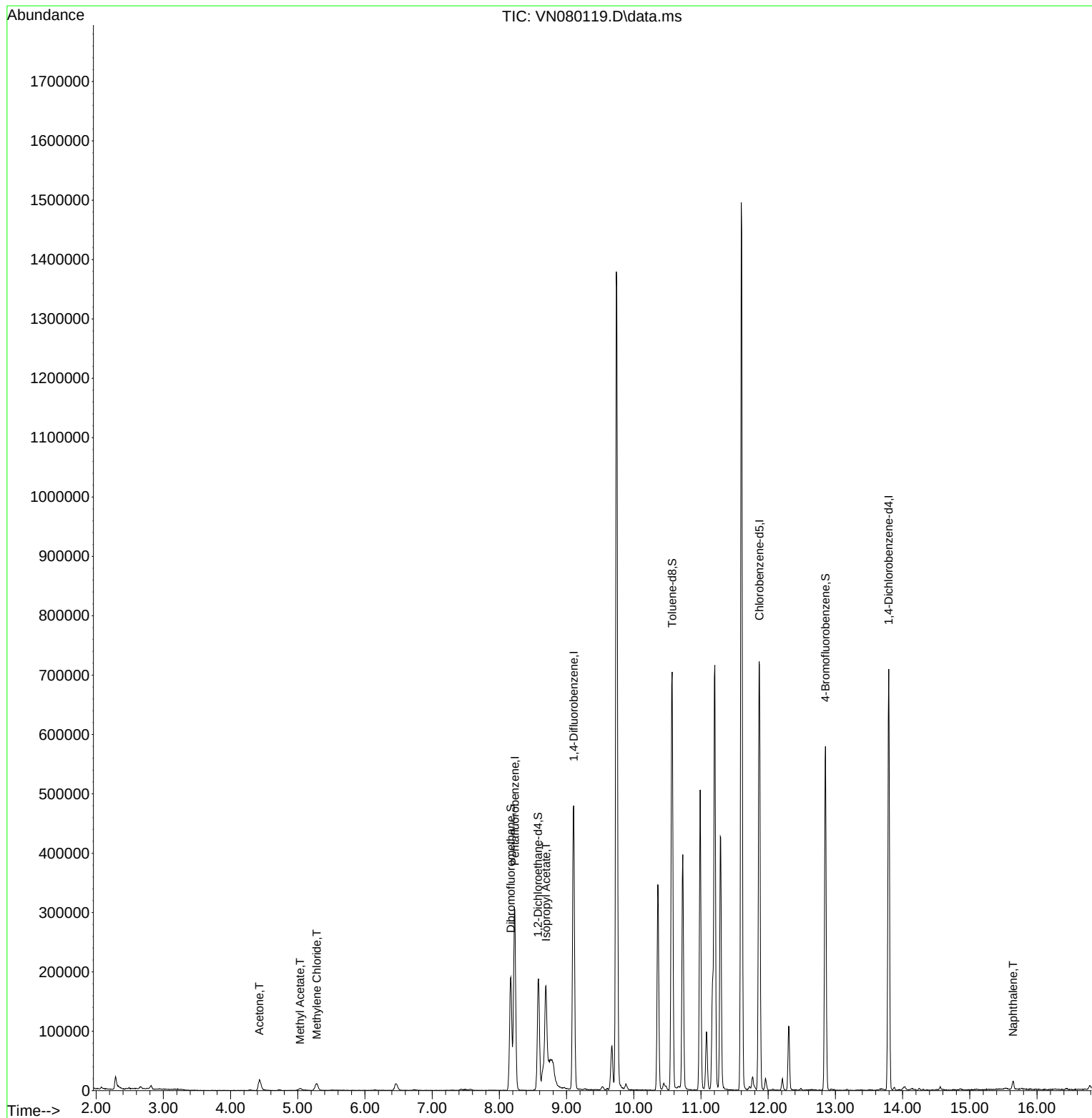
Internal Standards						
1) Pentafluorobenzene	8.230	168	207396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	401397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	415702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171188	54.178	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.360%
35) Dibromofluoromethane	8.171	113	134067	47.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	10.571	98	498589	47.673	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.853	95	197144	56.837	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.680%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	34370	30.967	ug/l	99
18) Methyl Acetate	5.036	43	6844	1.289	ug/l	95
20) Methylene Chloride	5.283	84	9606	3.430	ug/l #	93
43) Isopropyl Acetate	8.694	43	246369	37.763	ug/l #	73
95) Naphthalene	15.647	128	12461	1.272	ug/l #	93

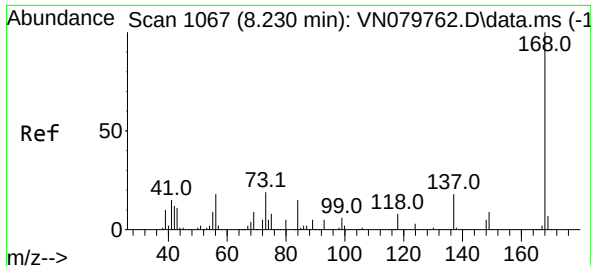
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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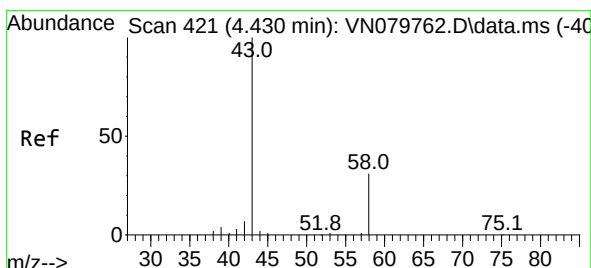
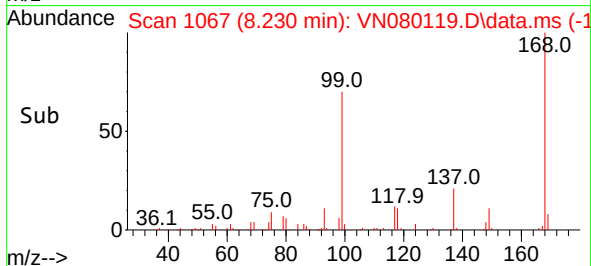
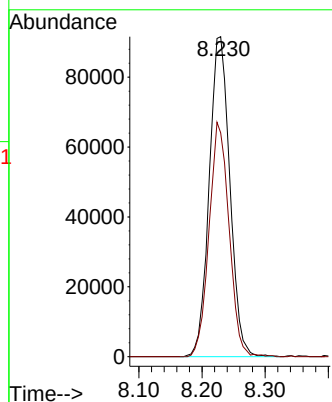
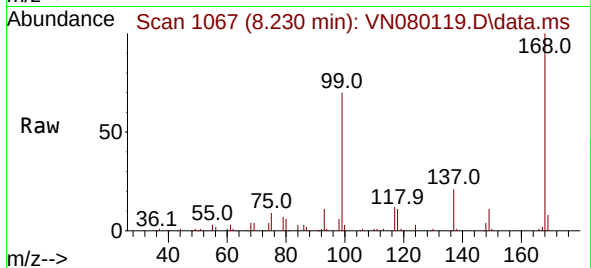




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080119.D
Acq: 15 Nov 2023 18:40

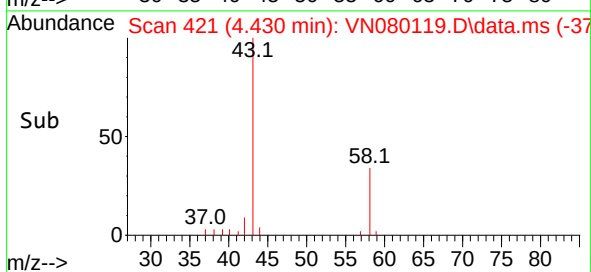
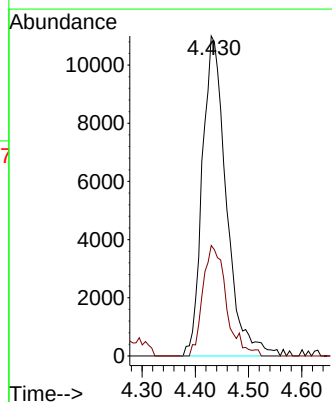
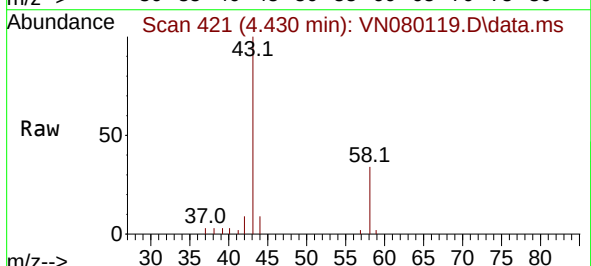
Instrument :
MSVOA_N
ClientSampleId :
STONE-2

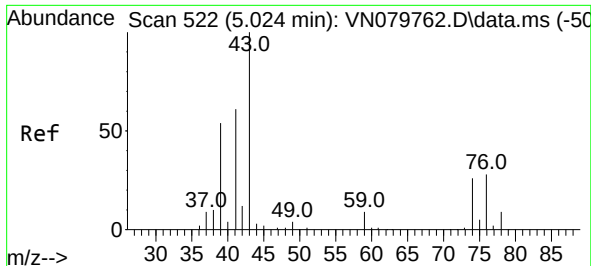
Tgt Ion:168 Resp: 207396
Ion Ratio Lower Upper
168 100
99 70.0 53.0 79.6



#16
Acetone
Concen: 30.967 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080119.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 43 Resp: 34370
Ion Ratio Lower Upper
43 100
58 34.5 28.0 42.0

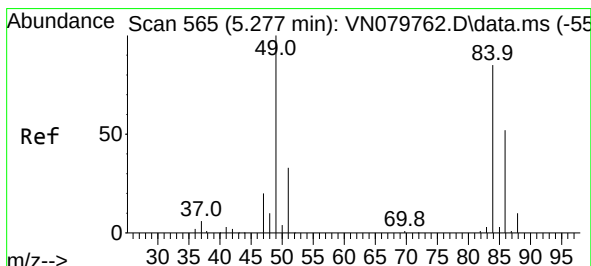
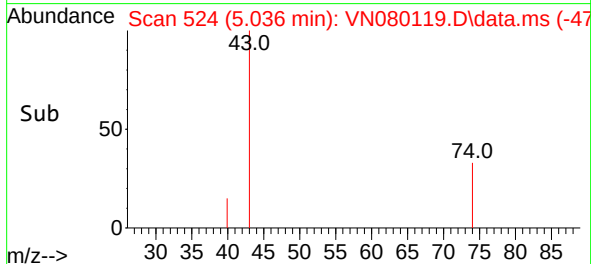
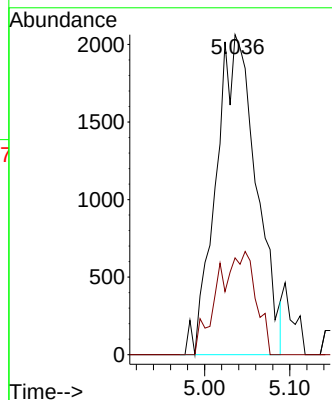
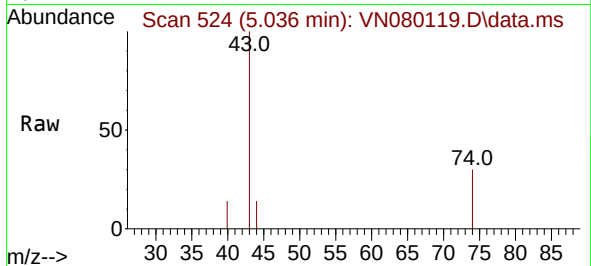




#18
Methyl Acetate
Concen: 1.289 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080119.D
Acq: 15 Nov 2023 18:40

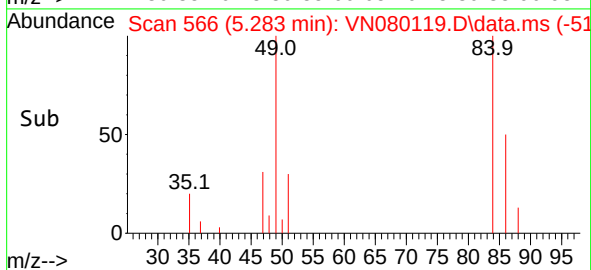
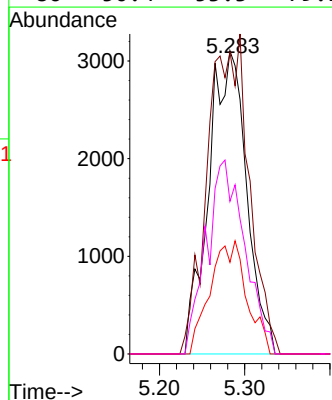
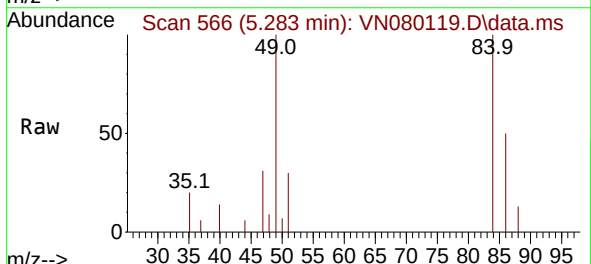
Instrument :
MSVOA_N
ClientSampleId :
STONE-2

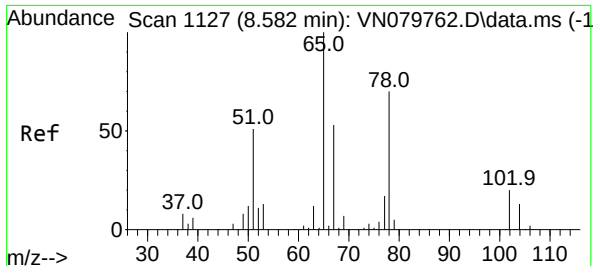
Tgt Ion: 43 Resp: 6844
Ion Ratio Lower Upper
43 100
74 30.1 26.2 39.4



#20
Methylene Chloride
Concen: 3.430 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080119.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 84 Resp: 9606
Ion Ratio Lower Upper
84 100
49 99.6 79.7 119.5
51 30.3 25.2 37.8
86 50.4 53.3 79.9#





#33

1,2-Dichloroethane-d4

Concen: 54.178 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080119.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

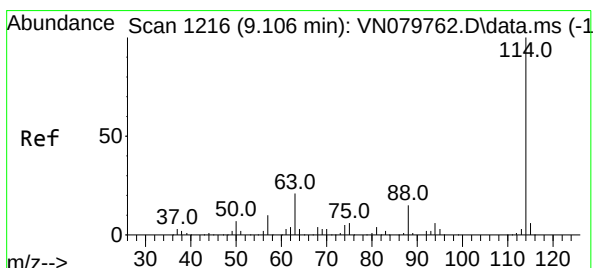
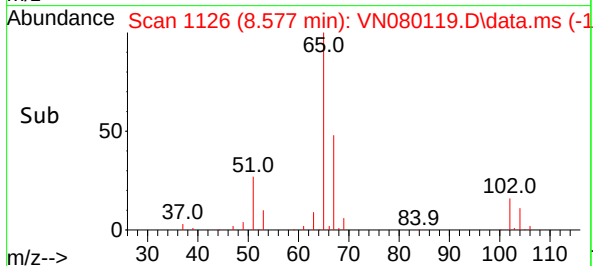
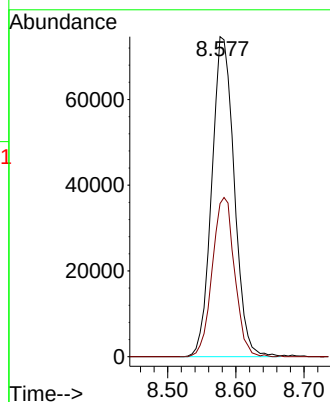
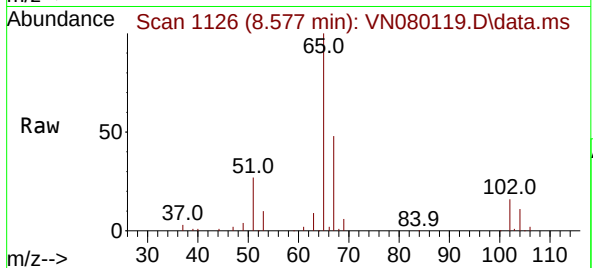
STONE-2

Tgt Ion: 65 Resp: 171188

Ion Ratio Lower Upper

65 100

67 49.4 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: VN080119.D

Acq: 15 Nov 2023 18:40

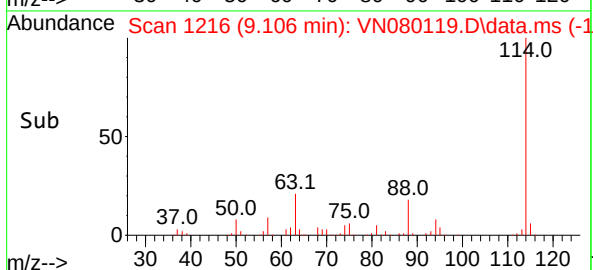
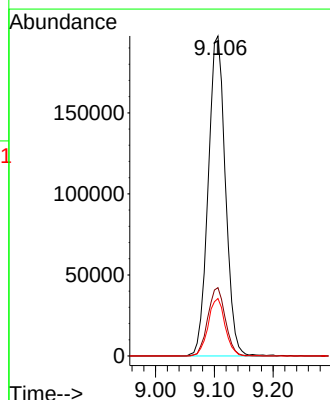
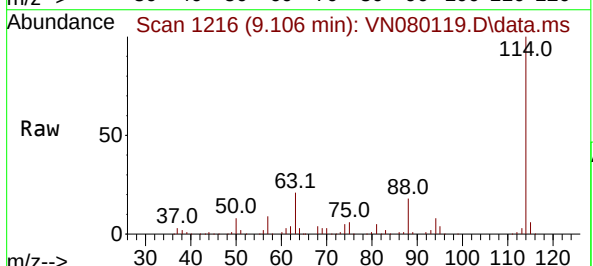
Tgt Ion: 114 Resp: 401397

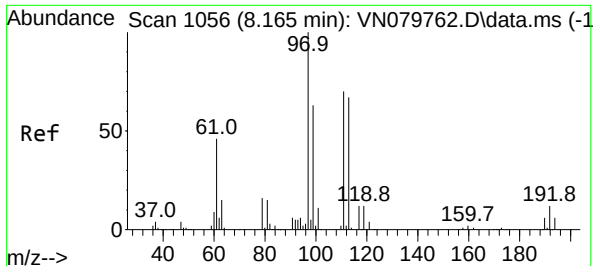
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 18.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.191 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN080119.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

STONE-2

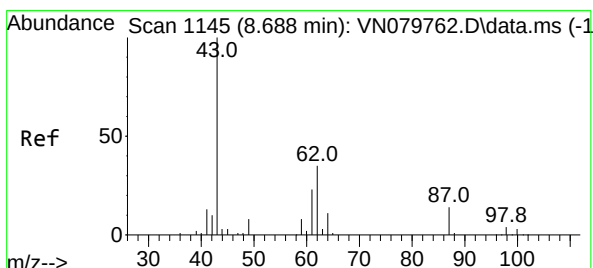
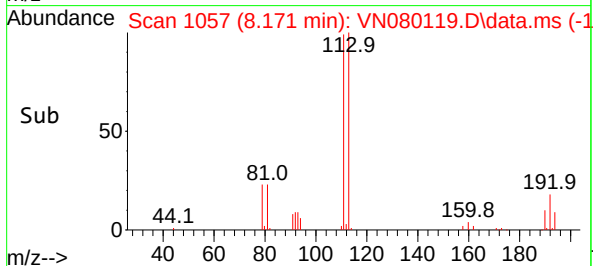
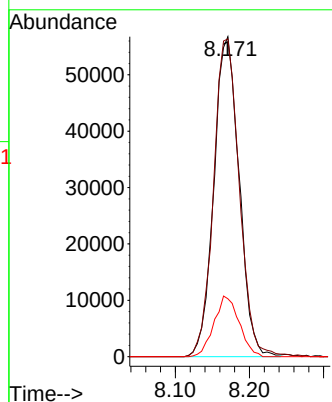
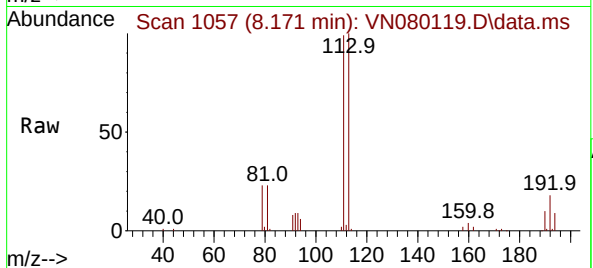
Tgt Ion:113 Resp: 134067

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 18.9 12.7 19.1



#43

Isopropyl Acetate

Concen: 37.763 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080119.D

Acq: 15 Nov 2023 18:40

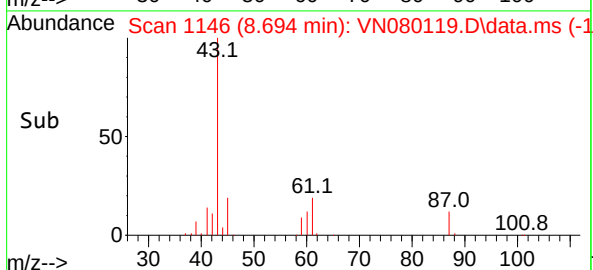
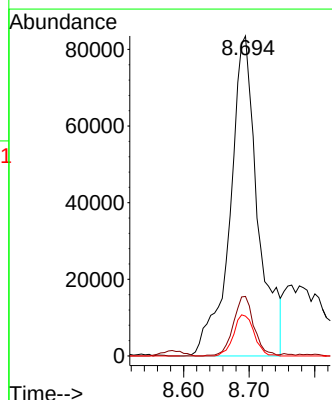
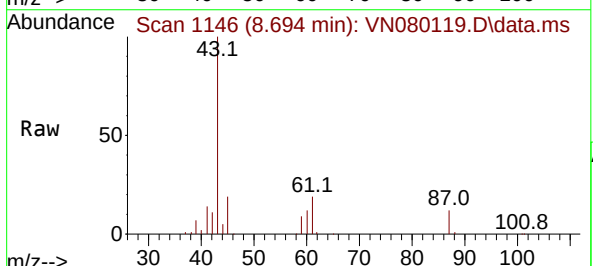
Tgt Ion: 43 Resp: 246369

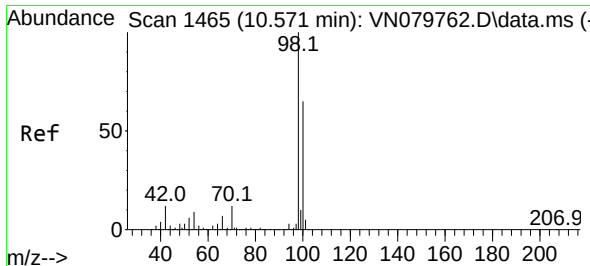
Ion Ratio Lower Upper

43 100

61 13.8 24.7 37.1#

87 9.5 14.6 21.8#

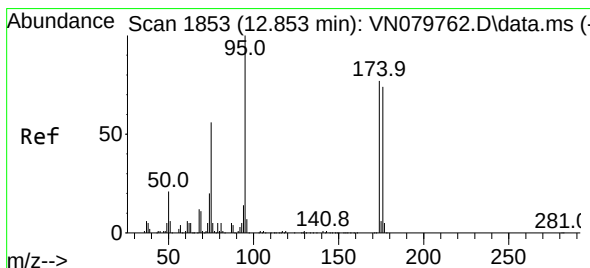
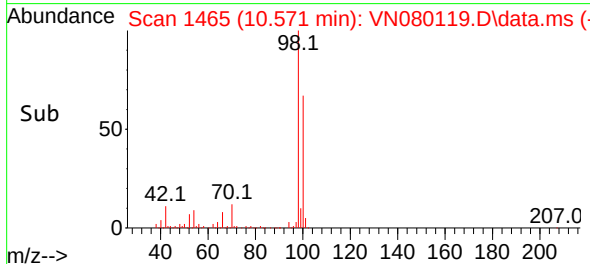
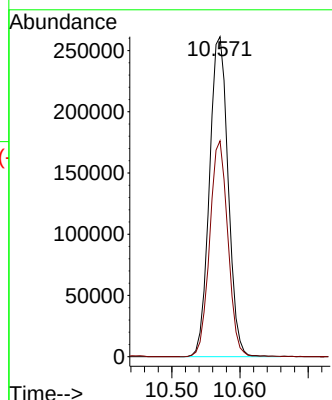
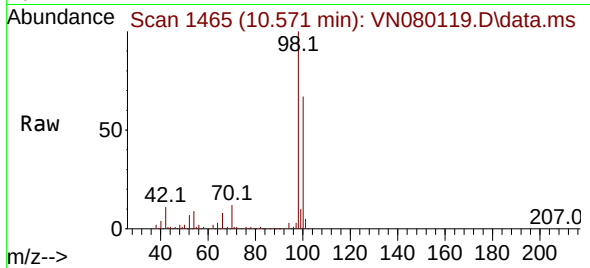




#50
Toluene-d8
Concen: 47.673 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080119.D
Acq: 15 Nov 2023 18:40

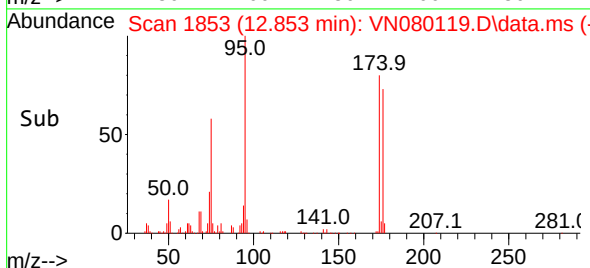
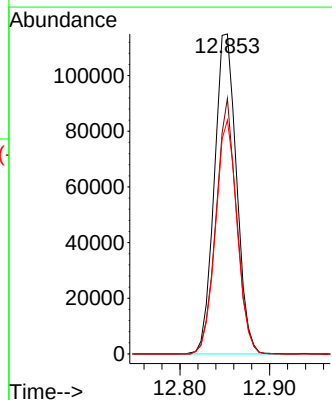
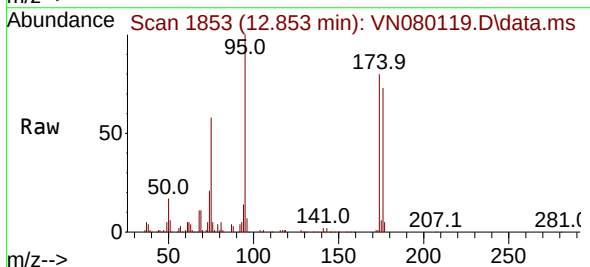
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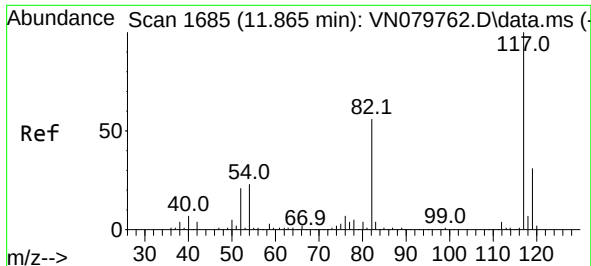
Tgt Ion: 98 Resp: 498589
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.837 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080119.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 95 Resp: 197144
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.1 0.0 135.8

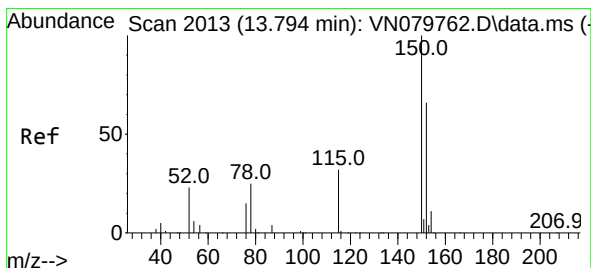
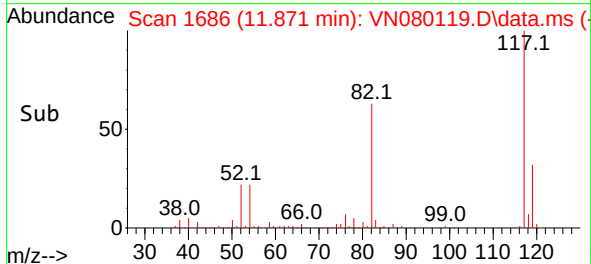
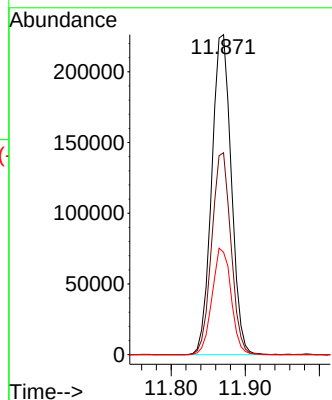
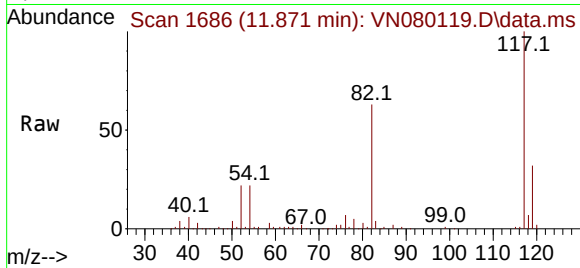




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080119.D
Acq: 15 Nov 2023 18:40

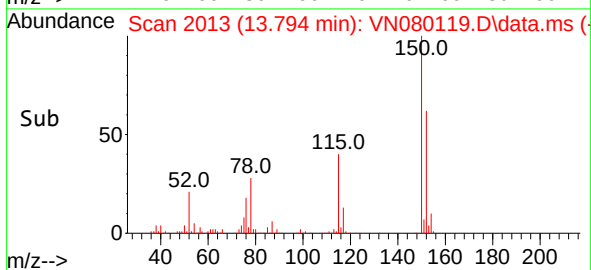
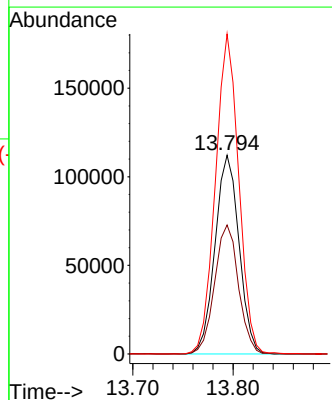
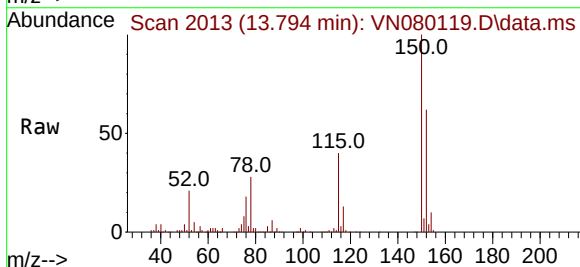
Instrument :
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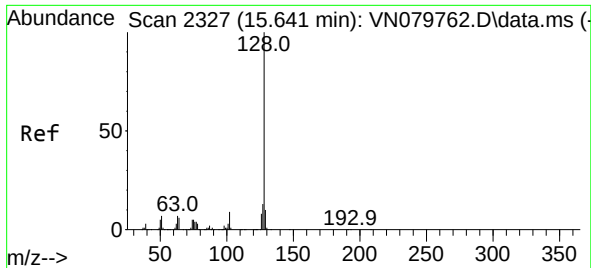
Tgt Ion:117 Resp: 415702
Ion Ratio Lower Upper
117 100
82 63.1 44.0 66.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080119.D
Acq: 15 Nov 2023 18:40

Tgt Ion:152 Resp: 186118
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 156.5 0.0 355.8





#95
Naphthalene
Concen: 1.272 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080119.D
Acq: 15 Nov 2023 18:40

Instrument :
MSVOA_N
ClientSampleId :
STONE-2

Tgt Ion:128 Resp: 12461
Ion Ratio Lower Upper
128 100
127 15.9 10.0 15.0#
129 12.5 8.7 13.1

