

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081143.D
 Acq On : 22 Feb 2024 18:23
 Operator : JC\MD
 Sample : P1539-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06

Quant Time: Feb 23 04:30:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

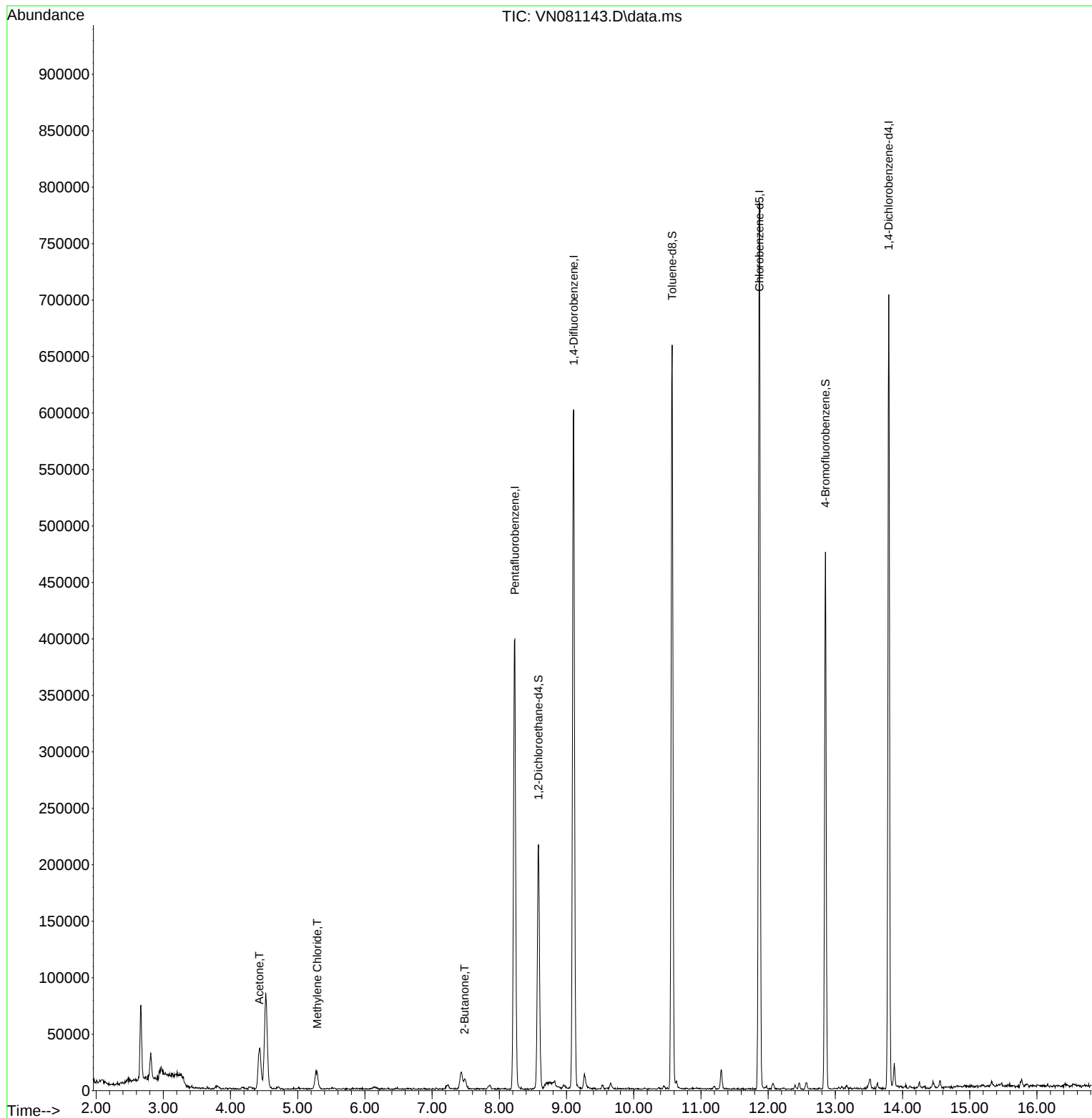
Internal Standards						
1) Pentafluorobenzene	8.230	168	280231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	451818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174402	50.774	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.540%
35) Dibromofluoromethane	8.212	113	93	0.031	ug/l	0.05
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.060%#
50) Toluene-d8	10.571	98	451791	42.109	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.220%#
62) 4-Bromofluorobenzene	12.853	95	162976	40.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.860%#
Target Compounds						
						Qvalue
16) Acetone	4.430	43	72177	53.404	ug/l	93
20) Methylene Chloride	5.289	84	12547	2.709	ug/l #	72
25) 2-Butanone	7.483	43	15126	6.928	ug/l	93

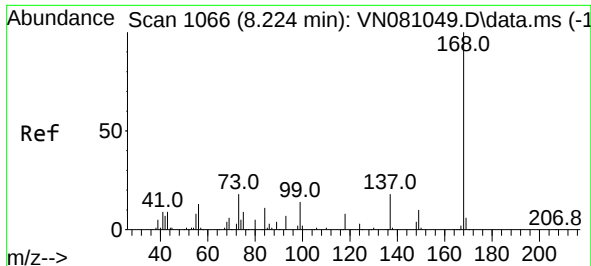
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081143.D
Acq: 22 Feb 2024 18:23

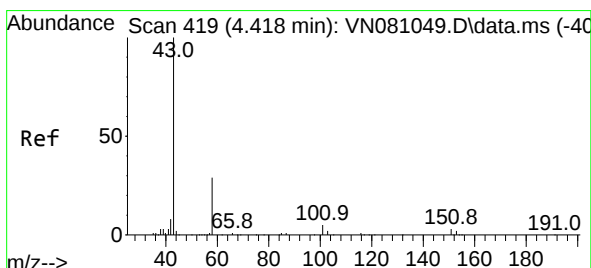
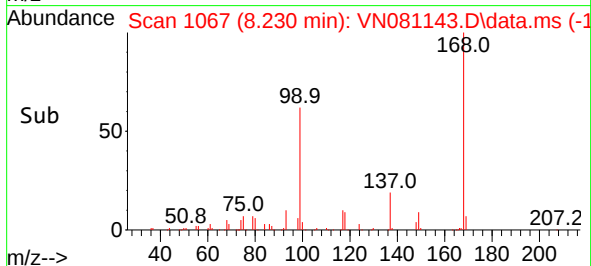
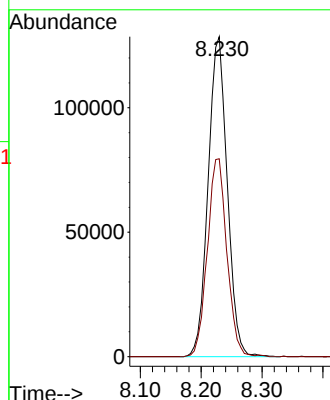
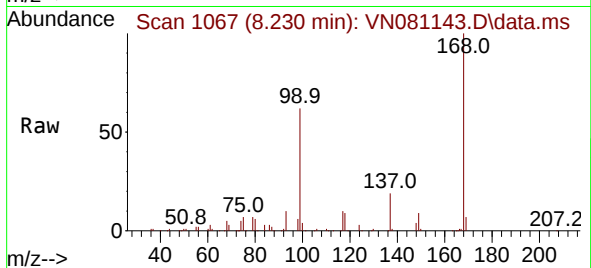
Instrument :

MSVOA_N

ClientSampleId :

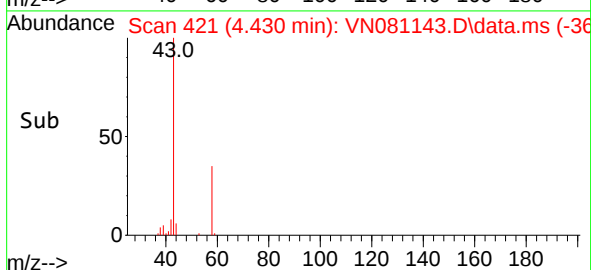
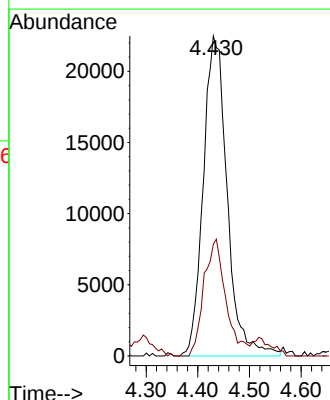
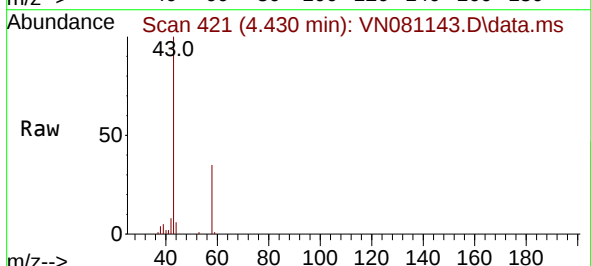
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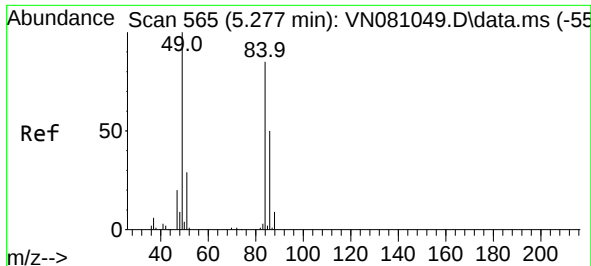
Tgt Ion:168 Resp: 280231
Ion Ratio Lower Upper
168 100
99 61.8 59.9 89.9



#16
Acetone
Concen: 53.404 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081143.D
Acq: 22 Feb 2024 18:23

Tgt Ion: 43 Resp: 72177
Ion Ratio Lower Upper
43 100
58 34.9 24.8 37.2





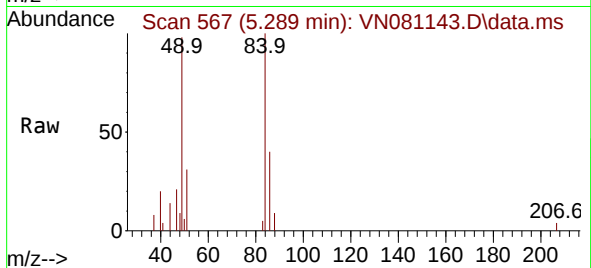
#20
Methylene Chloride
Concen: 2.709 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081143.D
Acq: 22 Feb 2024 18:23

Instrument :

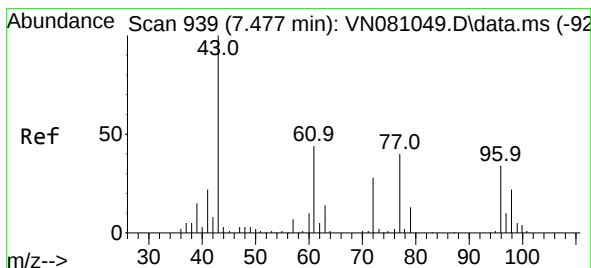
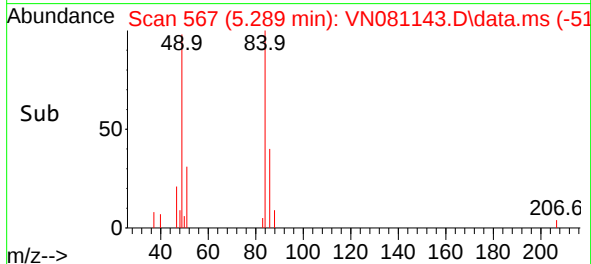
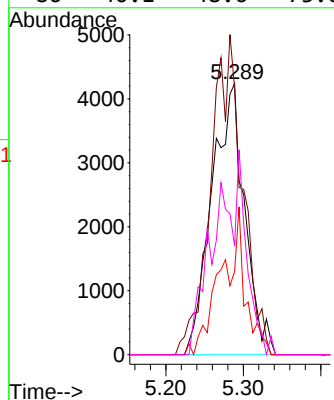
MSVOA_N

ClientSampleId :

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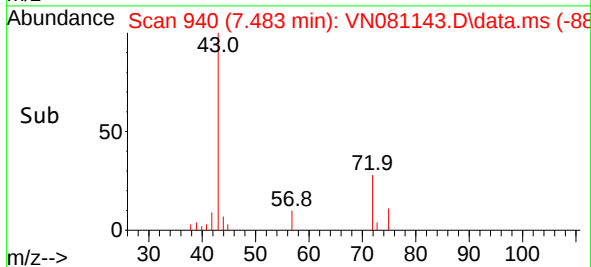
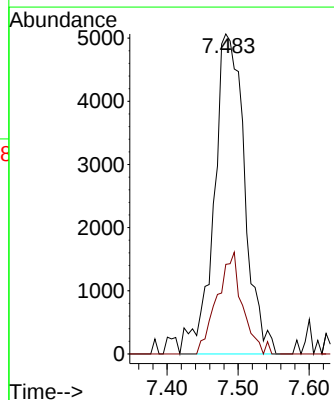
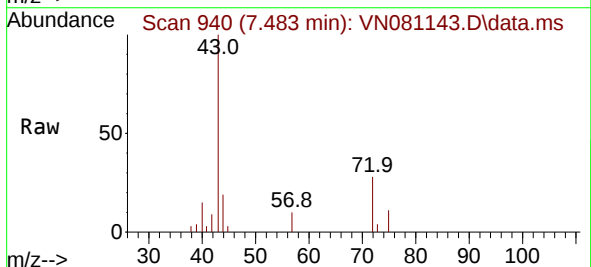


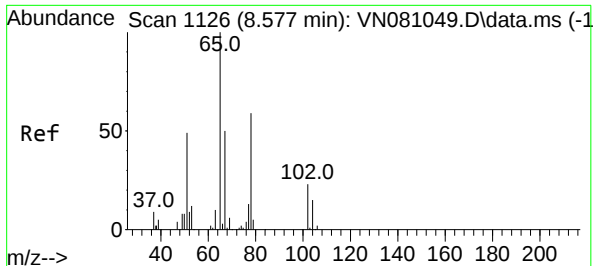
Tgt Ion: 84 Resp: 12547
Ion Ratio Lower Upper
84 100
49 98.1 108.1 162.1#
51 30.7 32.9 49.3#
86 40.1 48.6 73.0#



#25
2-Butanone
Concen: 6.928 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081143.D
Acq: 22 Feb 2024 18:23

Tgt Ion: 43 Resp: 15126
Ion Ratio Lower Upper
43 100
72 28.0 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 50.774 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081143.D

Acq: 22 Feb 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

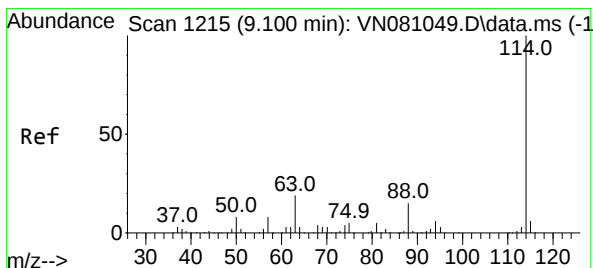
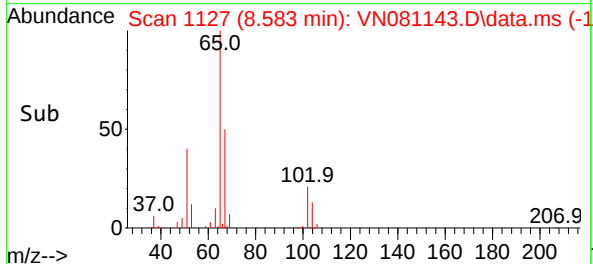
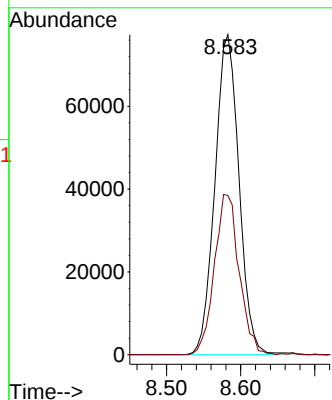
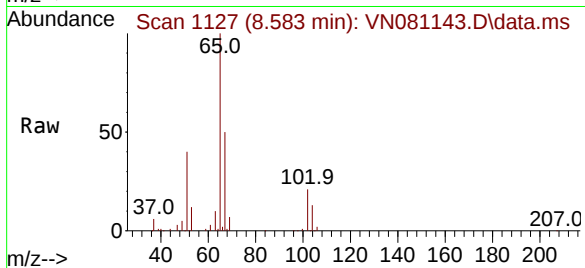
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Tgt Ion: 65 Resp: 174402

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081143.D

Acq: 22 Feb 2024 18:23

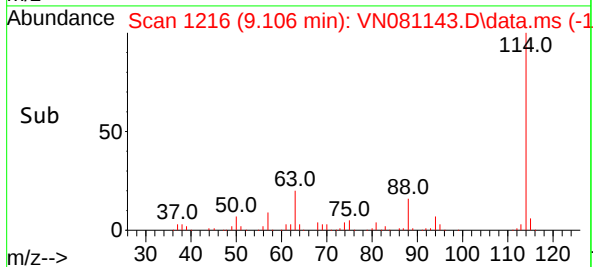
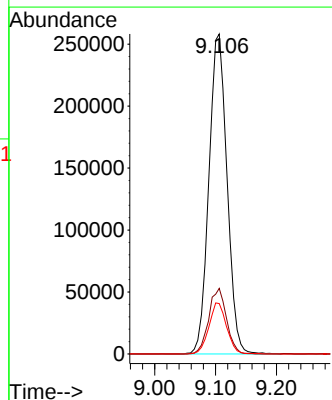
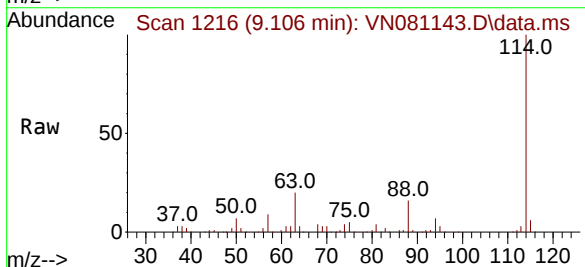
Tgt Ion: 114 Resp: 534218

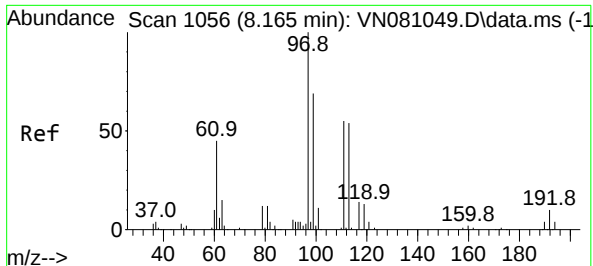
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 0.031 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. 0.047 min

Lab File: VN081143.D

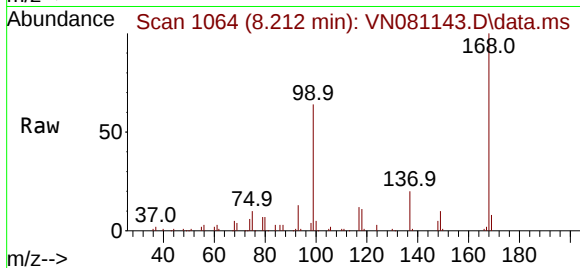
Acq: 22 Feb 2024 18:23

Instrument :

MSVOA_N

ClientSampleId :

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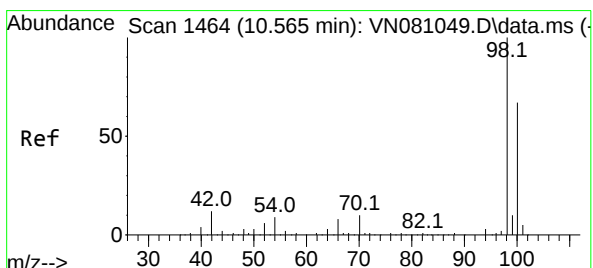
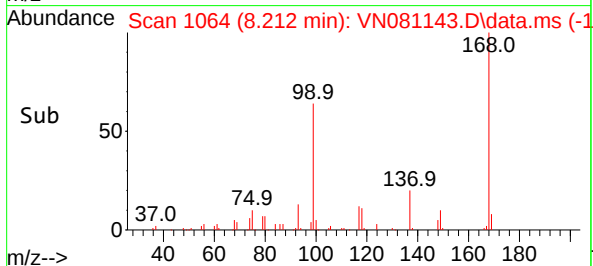
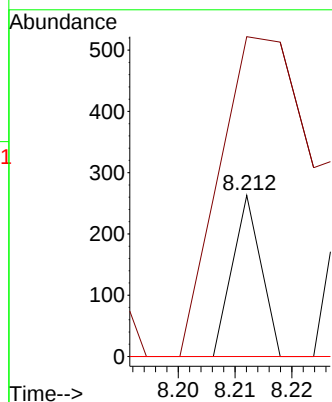
Tgt Ion:113 Resp: 93

Ion Ratio Lower Upper

113 100

111 732.3 82.2 123.4#

192 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 42.109 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081143.D

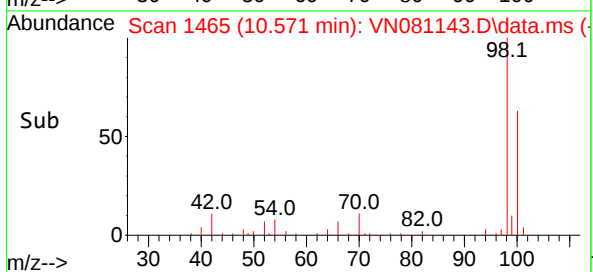
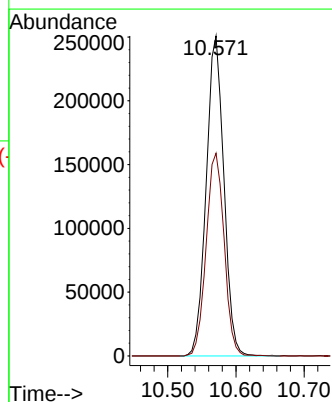
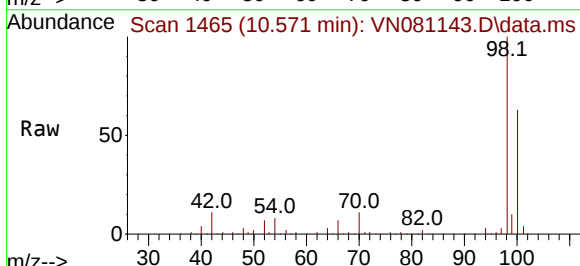
Acq: 22 Feb 2024 18:23

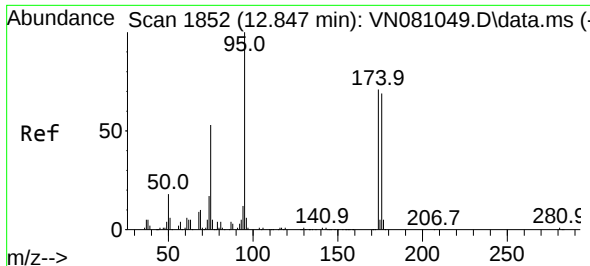
Tgt Ion: 98 Resp: 451791

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 40.425 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081143.D
Acq: 22 Feb 2024 18:23

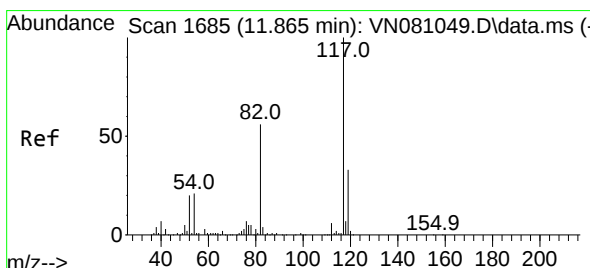
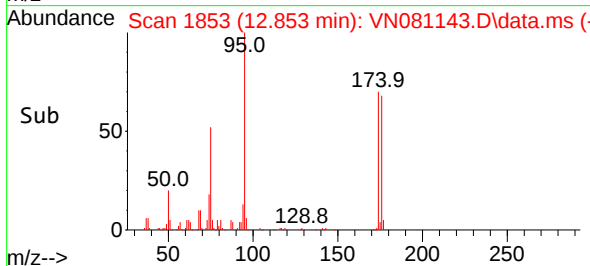
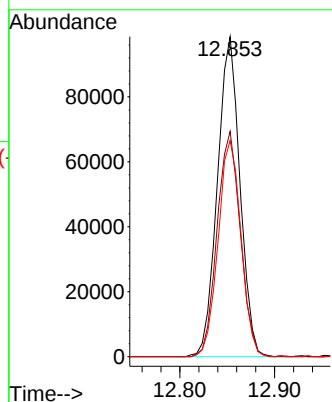
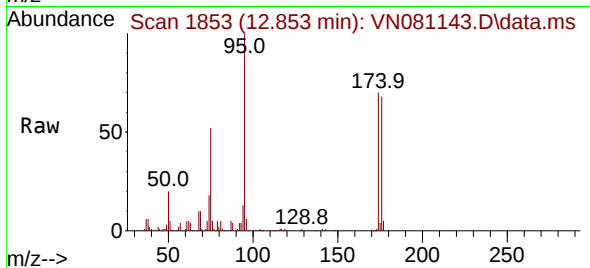
Instrument :

MSVOA_N

ClientSampleId :

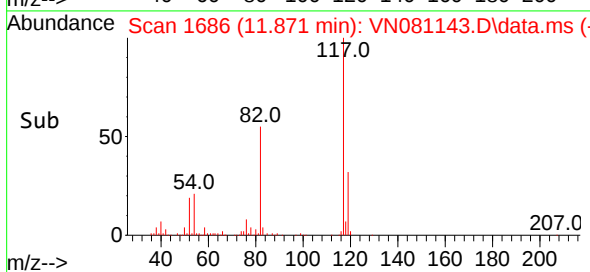
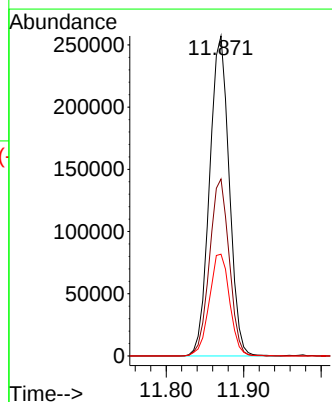
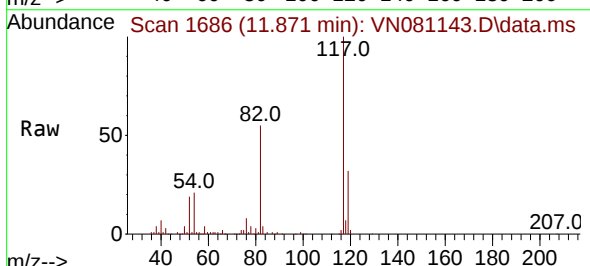
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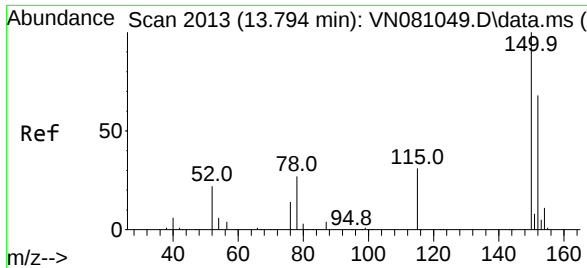
Tgt Ion: 95 Resp: 162976
Ion Ratio Lower Upper
95 100
174 72.3 0.0 120.4
176 68.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081143.D
Acq: 22 Feb 2024 18:23

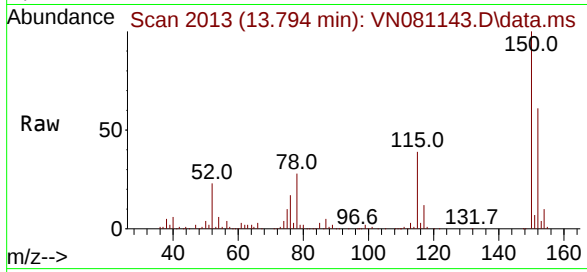
Tgt Ion: 117 Resp: 451818
Ion Ratio Lower Upper
117 100
82 55.3 52.7 79.1
119 31.8 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081143.D
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Tgt Ion:152 Resp: 180063
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.3 96.8
 150 156.7 0.0 339.8

