

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081141.D
 Acq On : 22 Feb 2024 17:35
 Operator : JC\MD
 Sample : P1539-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20241105-AMENDED-COMPOSITE-35N-N-4-04

Quant Time: Feb 23 04:29:08 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)

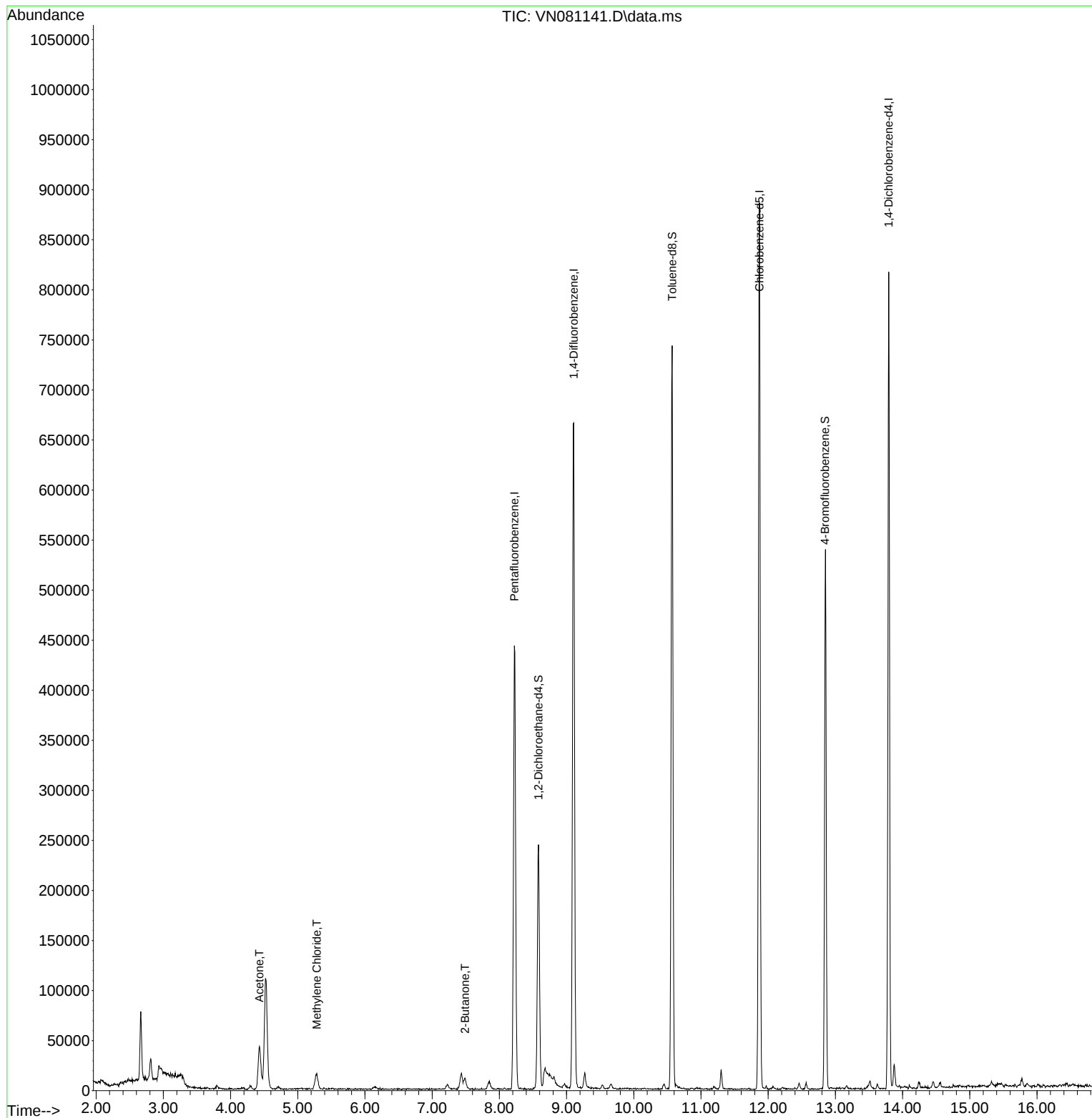
Internal Standards						
1) Pentafluorobenzene	8.224	168	308604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	596150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	513068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	191071	50.513	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.020%
35) Dibromofluoromethane	8.177	113	73	0.022	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.040%#
50) Toluene-d8	10.571	98	508820	42.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.000%#
62) 4-Bromofluorobenzene	12.847	95	188947	41.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.000%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	80179	53.870	ug/l	95
20) Methylene Chloride	5.283	84	11951	2.215	ug/l #	84
25) 2-Butanone	7.488	43	18032	7.499	ug/l	90

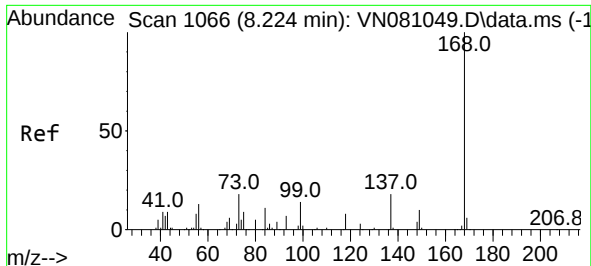
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081141.D
Acq: 22 Feb 2024 17:35

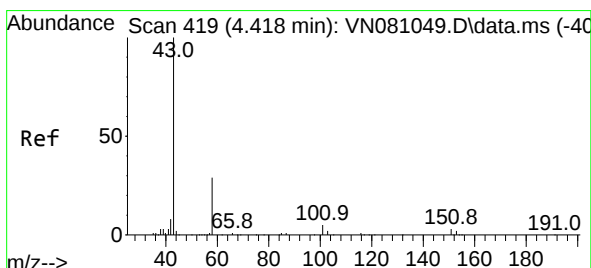
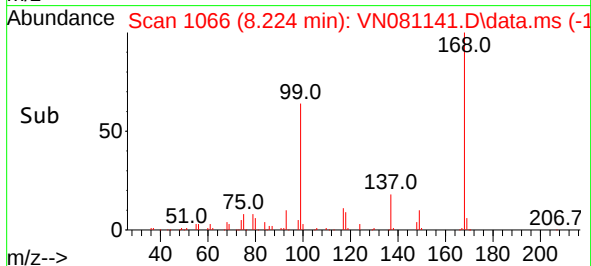
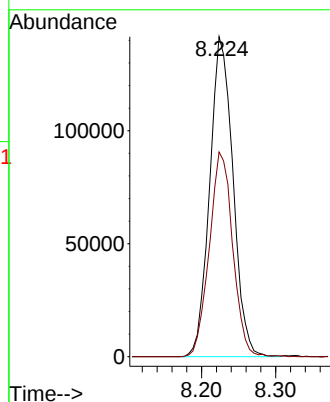
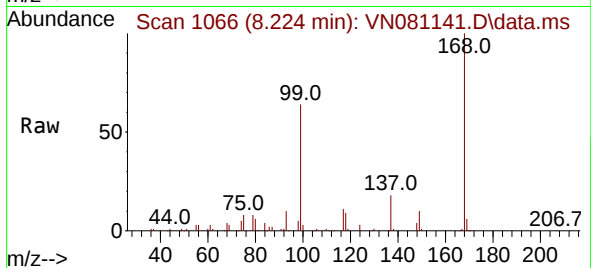
Instrument :

MSVOA_N

ClientSampleId :

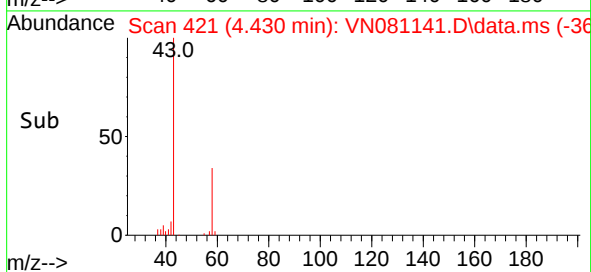
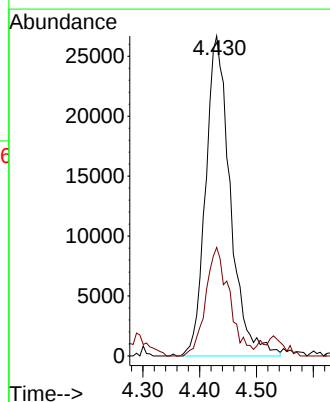
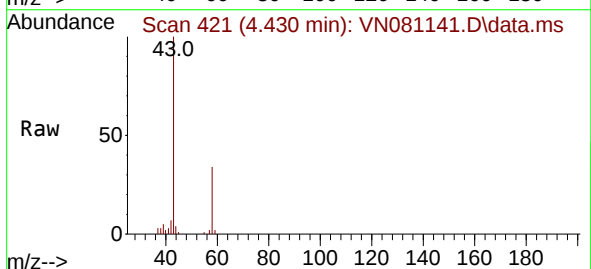
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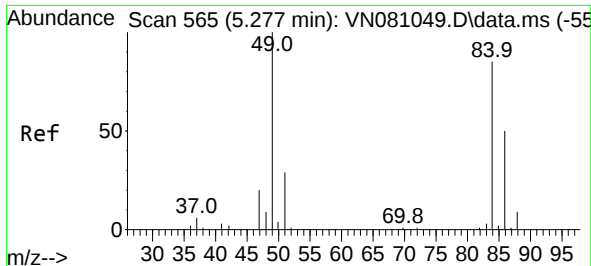
Tgt Ion:168 Resp: 308604
Ion Ratio Lower Upper
168 100
99 64.0 59.9 89.9



#16
Acetone
Concen: 53.870 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081141.D
Acq: 22 Feb 2024 17:35

Tgt Ion: 43 Resp: 80179
Ion Ratio Lower Upper
43 100
58 33.9 24.8 37.2





#20
Methylene Chloride
Concen: 2.215 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081141.D
Acq: 22 Feb 2024 17:35

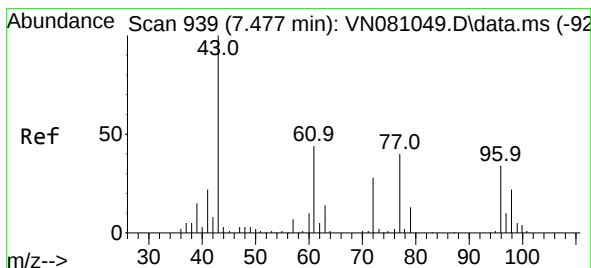
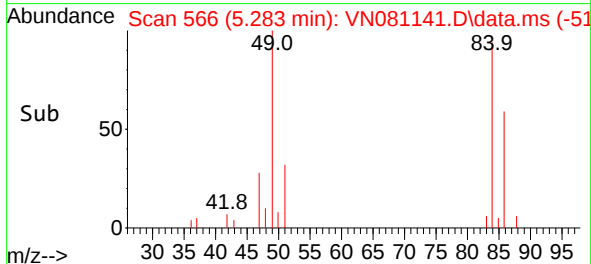
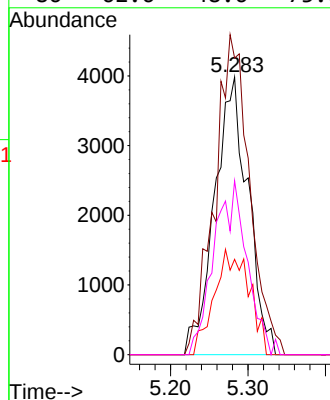
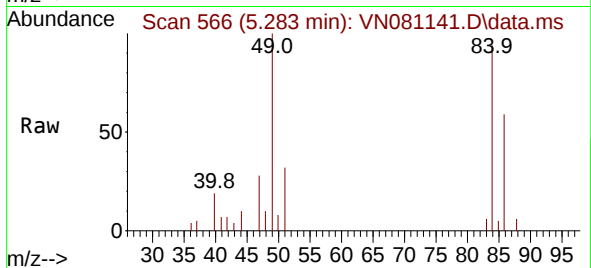
Instrument :

MSVOA_N

ClientSampleId :

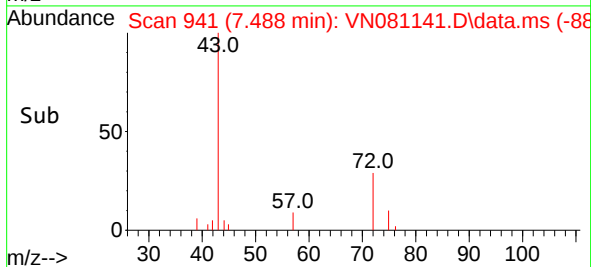
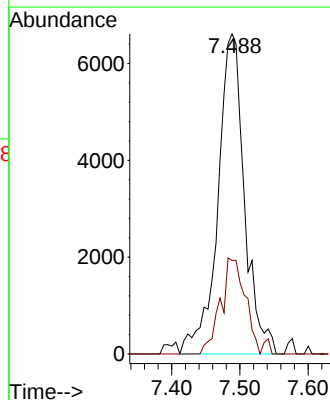
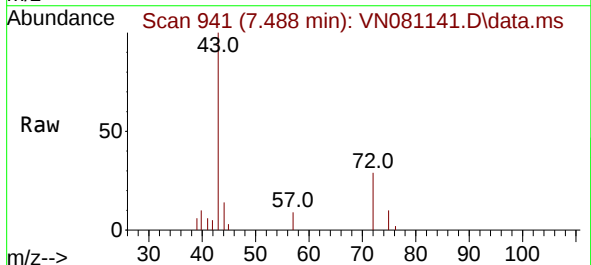
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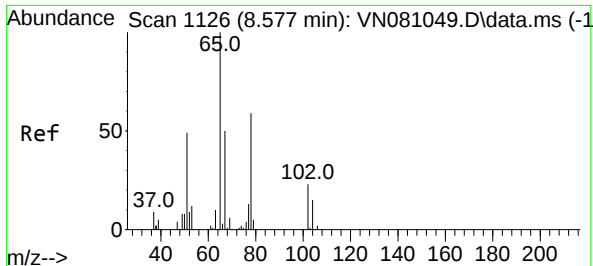
Tgt Ion: 84 Resp: 11951
Ion Ratio Lower Upper
84 100
49 106.9 108.1 162.1#
51 34.3 32.9 49.3
86 62.6 48.6 73.0



#25
2-Butanone
Concen: 7.499 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081141.D
Acq: 22 Feb 2024 17:35

Tgt Ion: 43 Resp: 18032
Ion Ratio Lower Upper
43 100
72 29.3 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 50.513 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081141.D

Acq: 22 Feb 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

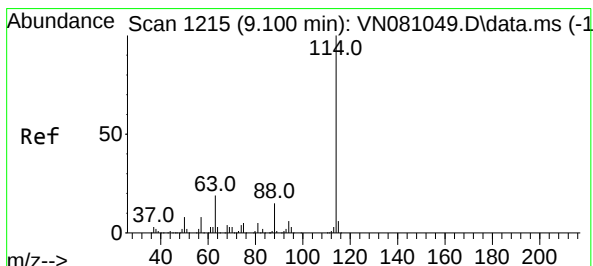
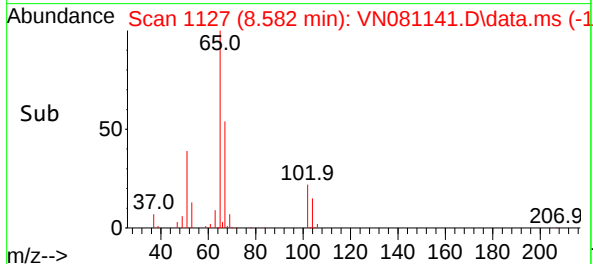
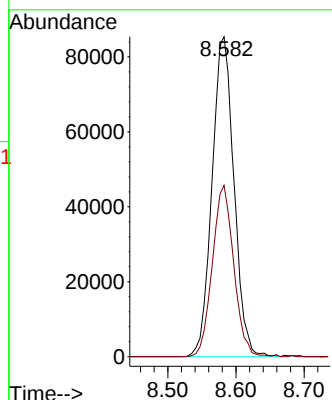
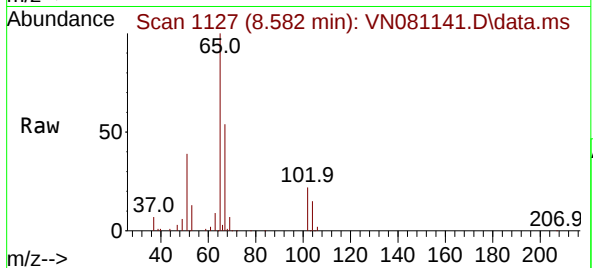
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Tgt Ion: 65 Resp: 191071

Ion Ratio Lower Upper

65 100

67 52.3 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: VN081141.D

Acq: 22 Feb 2024 17:35

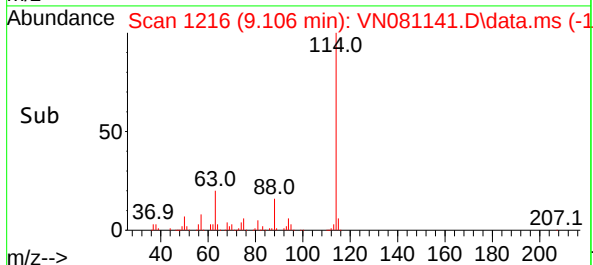
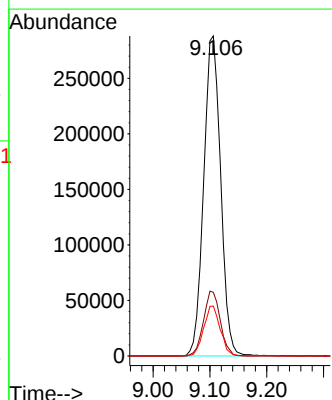
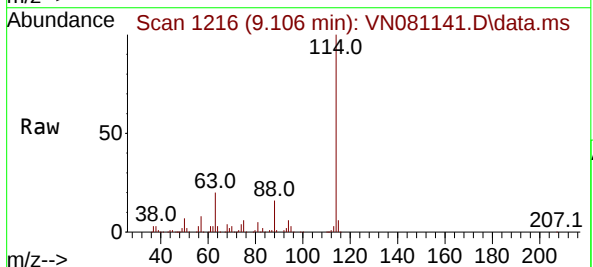
Tgt Ion: 114 Resp: 596150

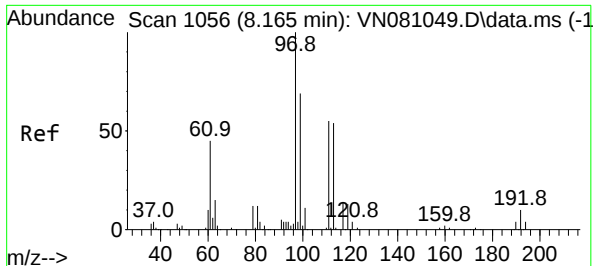
Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 0.022 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN081141.D

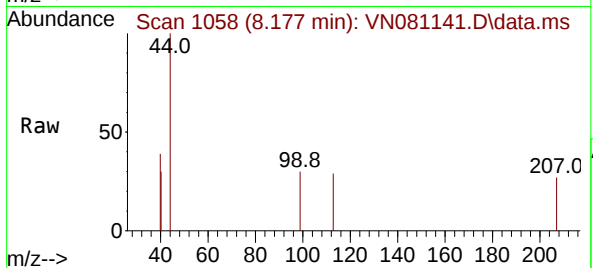
Acq: 22 Feb 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :

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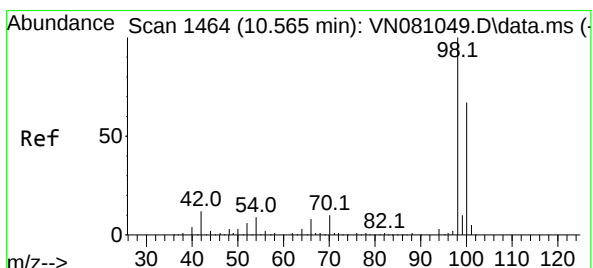
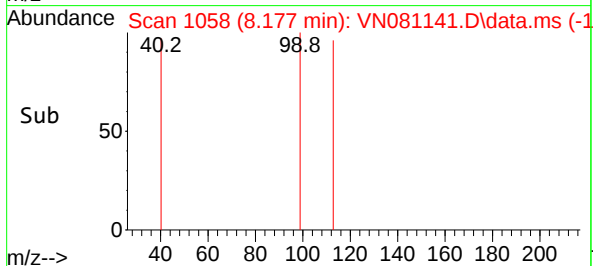
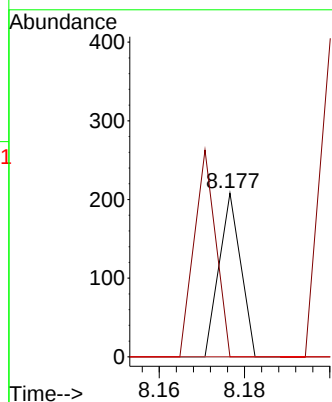
Tgt Ion:113 Resp: 73

Ion Ratio Lower Upper

113 100

111 127.4 82.2 123.4#

192 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 42.497 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081141.D

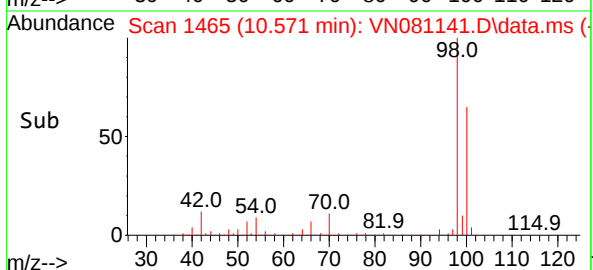
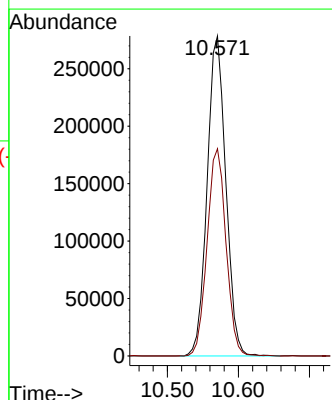
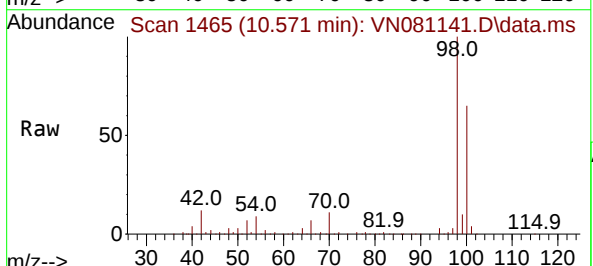
Acq: 22 Feb 2024 17:35

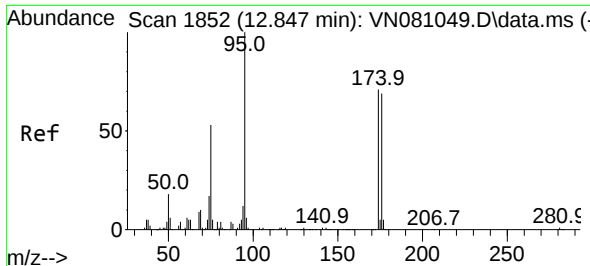
Tgt Ion: 98 Resp: 508820

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 41.998 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081141.D
Acq: 22 Feb 2024 17:35

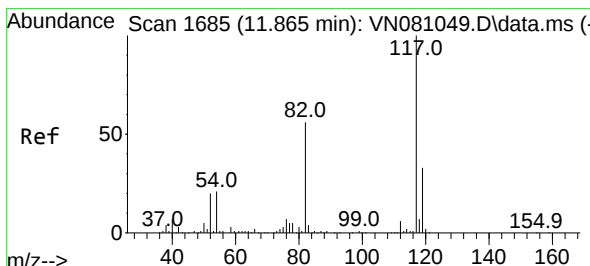
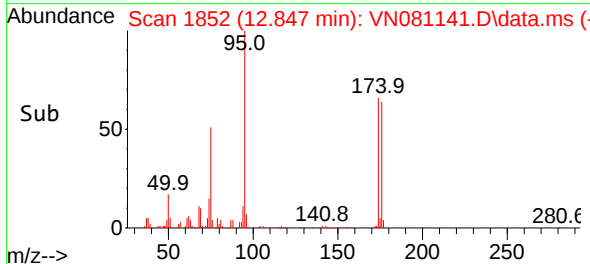
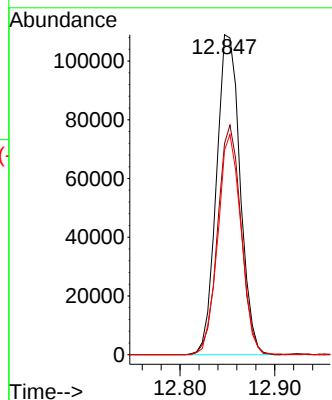
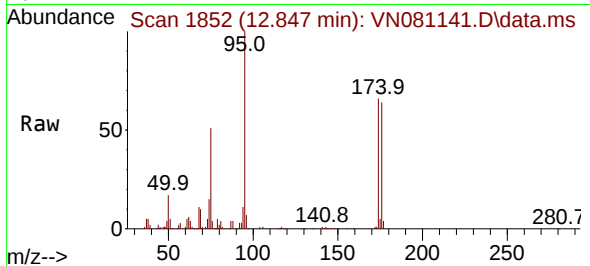
Instrument :

MSVOA_N

ClientSampleId :

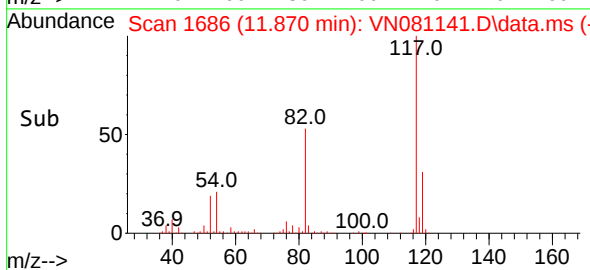
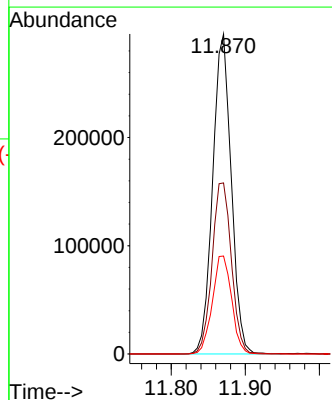
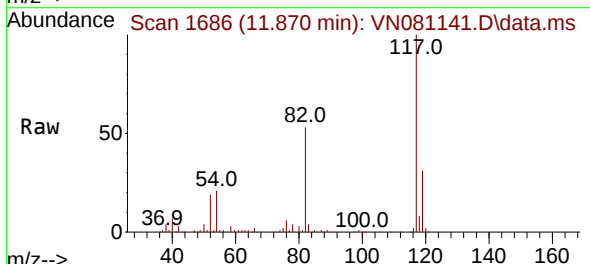
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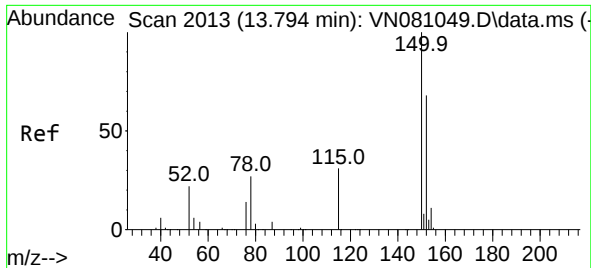
Tgt Ion: 95 Resp: 188947
Ion Ratio Lower Upper
95 100
174 70.7 0.0 120.4
176 67.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081141.D
Acq: 22 Feb 2024 17:35

Tgt Ion: 117 Resp: 513068
Ion Ratio Lower Upper
117 100
82 53.4 52.7 79.1
119 30.6 25.3 37.9





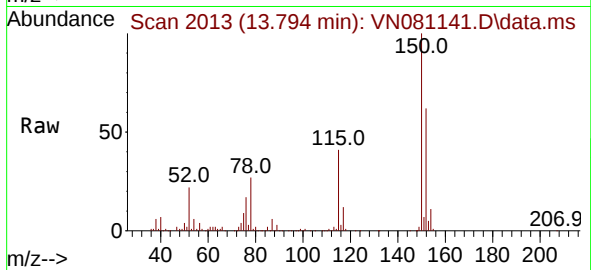
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081141.D
 Acq: 22 Feb 2024 17:35

Instrument :

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Tgt Ion:152 Resp: 207607
 Ion Ratio Lower Upper
 152 100
 115 64.0 32.3 96.8
 150 155.2 0.0 339.8

