

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081138.D
 Acq On : 22 Feb 2024 16:23
 Operator : JC\MD
 Sample : P1539-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20241102-AMENDED-COMPOSITE-35N-N-4-01

Quant Time: Feb 23 04:27:43 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)

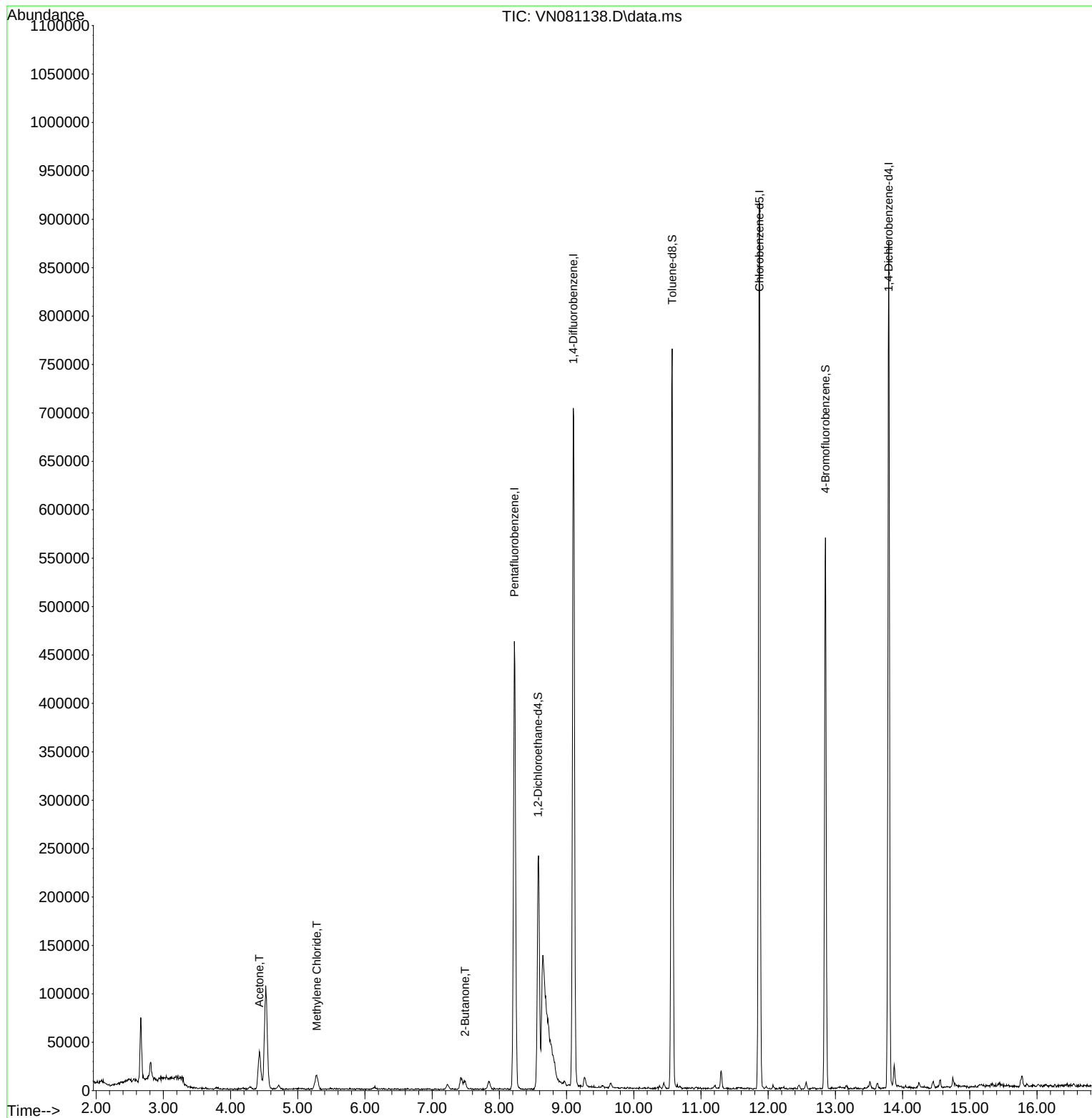
Internal Standards						
1) Pentafluorobenzene	8.224	168	319247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	624043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	529867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	195522	49.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.940%
35) Dibromofluoromethane	8.171	113	387	0.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.220%#
50) Toluene-d8	10.571	98	539799	43.069	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.140%
62) 4-Bromofluorobenzene	12.853	95	202460	42.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.980%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	71530	46.457	ug/l	97
20) Methylene Chloride	5.283	84	11323	1.949	ug/l #	79
25) 2-Butanone	7.488	43	13856	5.570	ug/l #	88

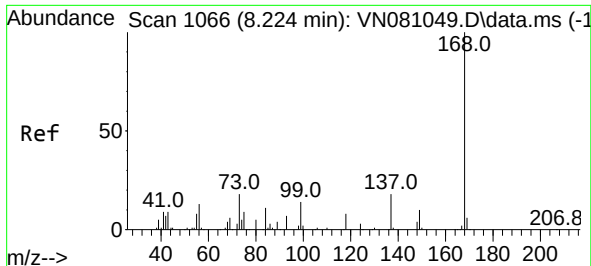
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN081138.D
Acq: 22 Feb 2024 16:23

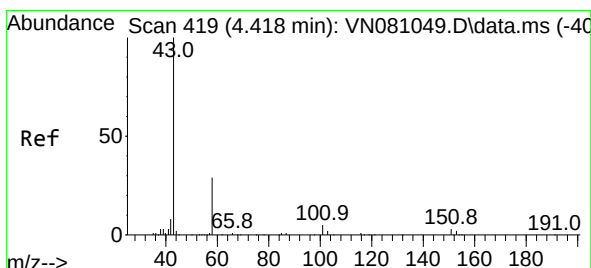
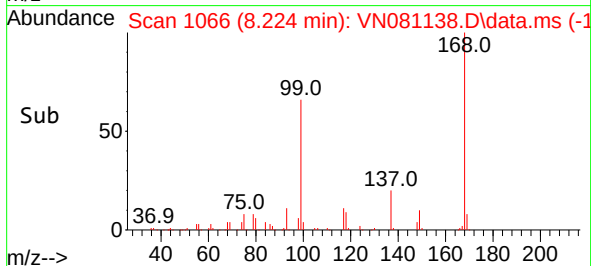
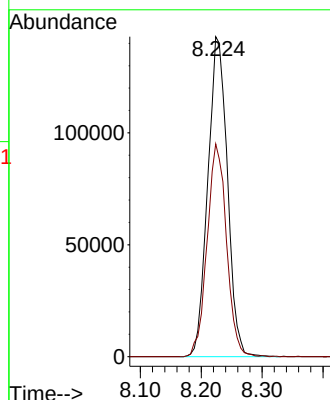
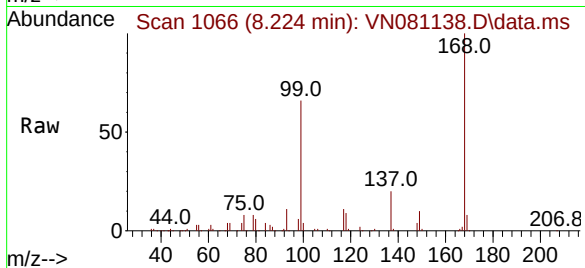
Instrument :

MSVOA_N

ClientSampleId :

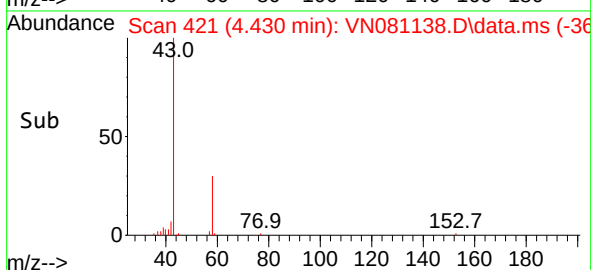
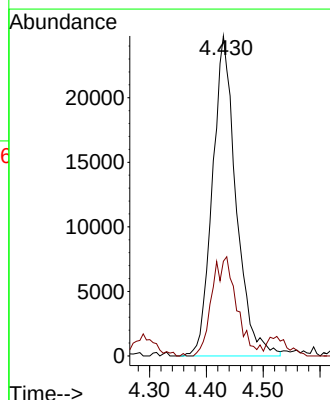
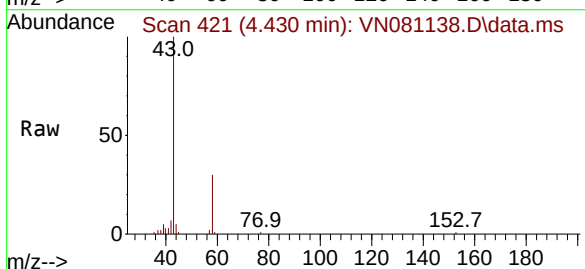
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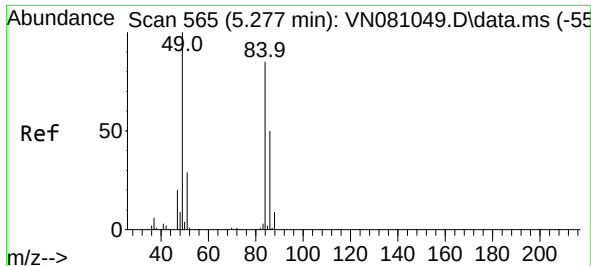
Tgt Ion:168 Resp: 319247
Ion Ratio Lower Upper
168 100
99 66.5 59.9 89.9



#16
Acetone
Concen: 46.457 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081138.D
Acq: 22 Feb 2024 16:23

Tgt Ion: 43 Resp: 71530
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2





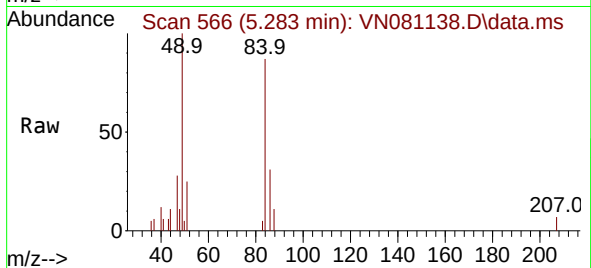
#20
Methylene Chloride
Concen: 1.949 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081138.D
Acq: 22 Feb 2024 16:23

Instrument :

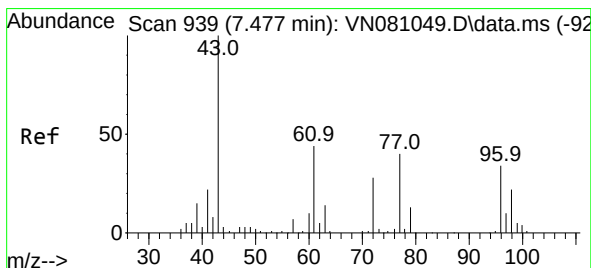
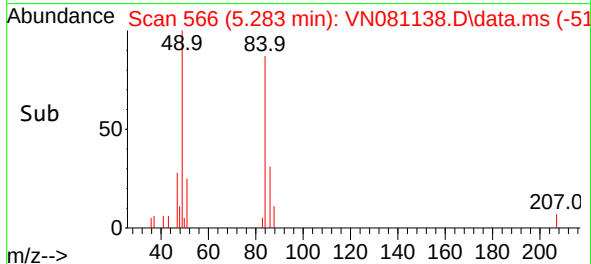
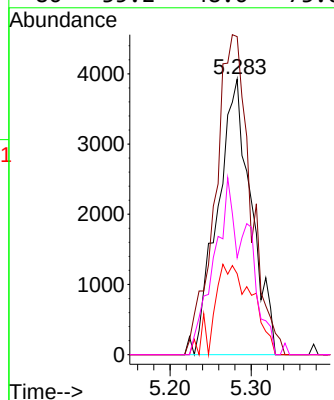
MSVOA_N

ClientSampleId :

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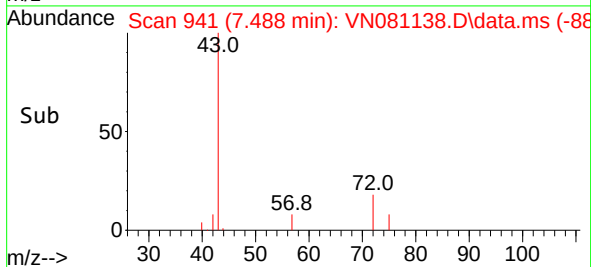
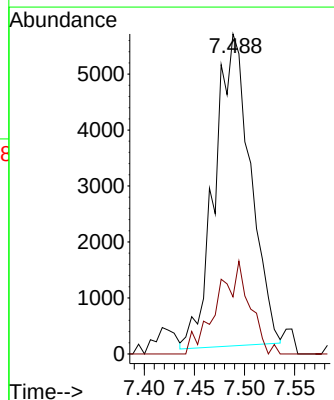
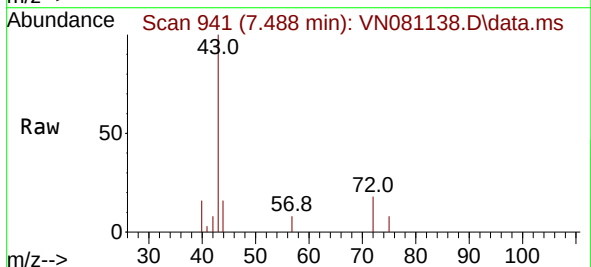


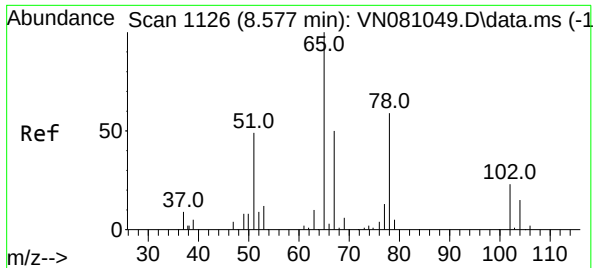
Tgt Ion:	84	Resp:	11323
Ion	Ratio	Lower	Upper
84	100		
49	115.4	108.1	162.1
51	29.4	32.9	49.3#
86	35.2	48.6	73.0#



#25
2-Butanone
Concen: 5.570 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081138.D
Acq: 22 Feb 2024 16:23

Tgt Ion:	43	Resp:	13856
Ion	Ratio	Lower	Upper
43	100		
72	18.5	19.5	29.3#





#33

1,2-Dichloroethane-d4

Concen: 49.966 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081138.D

Acq: 22 Feb 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

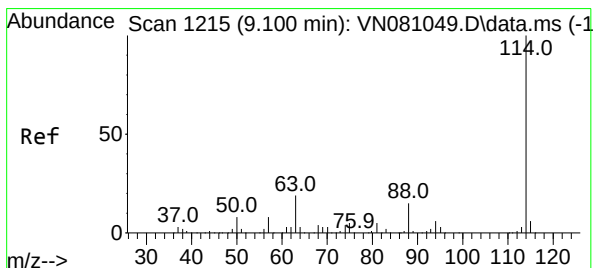
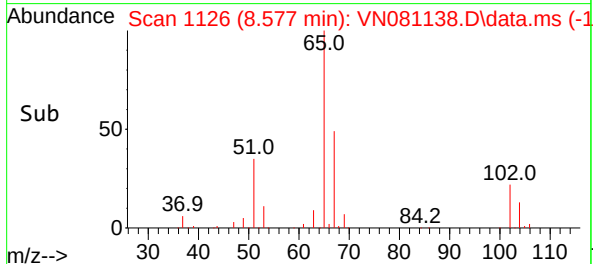
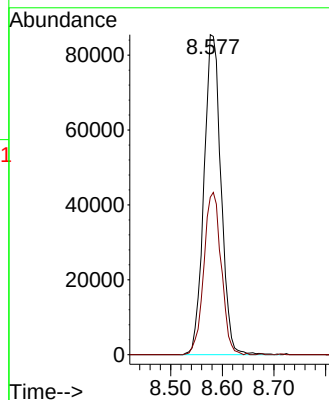
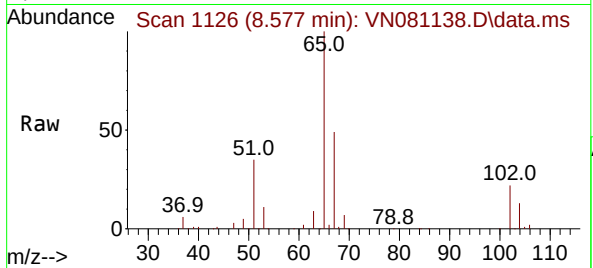
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Tgt Ion: 65 Resp: 195522

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081138.D

Acq: 22 Feb 2024 16:23

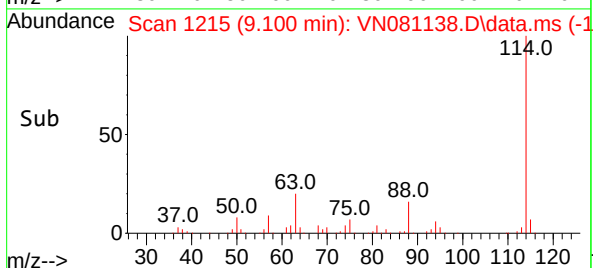
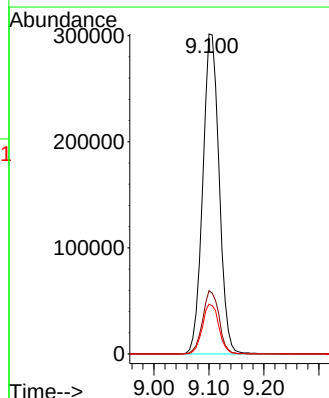
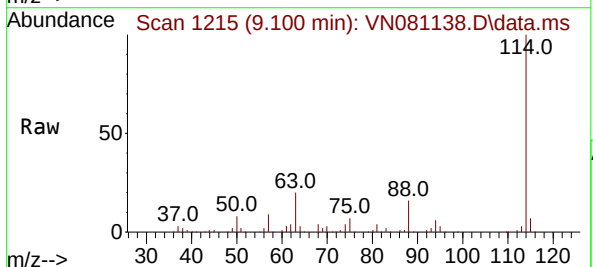
Tgt Ion: 114 Resp: 624043

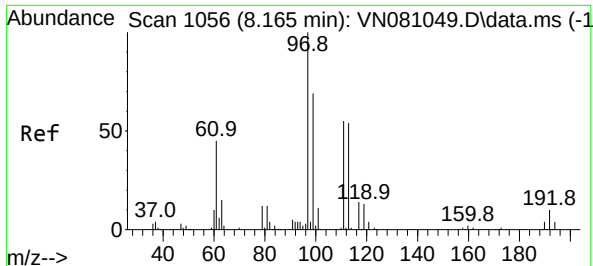
Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 0.110 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081138.D

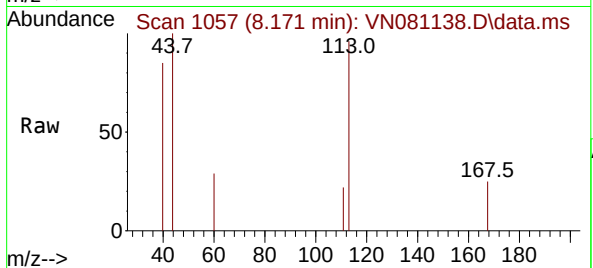
Acq: 22 Feb 2024 16:23

Instrument :

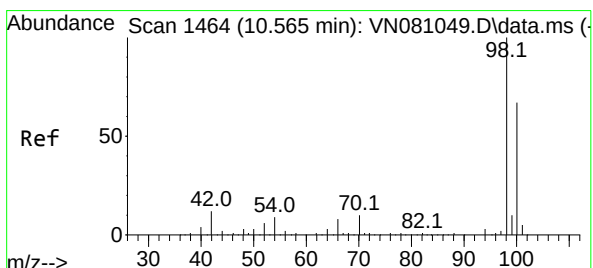
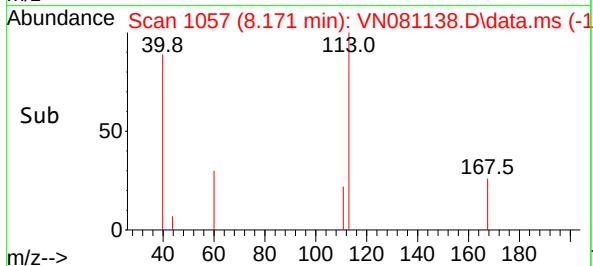
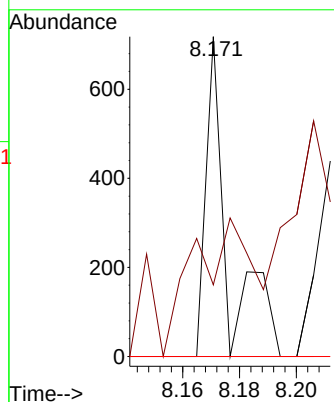
MSVOA_N

ClientSampleId :

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Tgt Ion:113	Resp:	387
Ion	Ratio	Lower Upper
113	100	
111	118.1	82.2 123.4
192	0.0	12.5 18.7#



#50

Toluene-d8

Concen: 43.069 ug/l

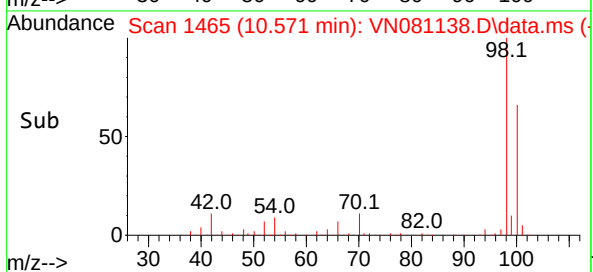
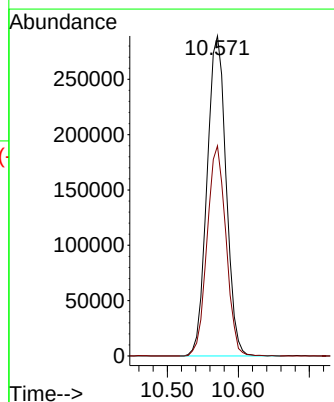
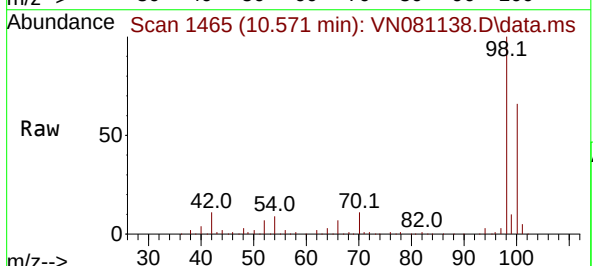
RT: 10.571 min Scan# 1465

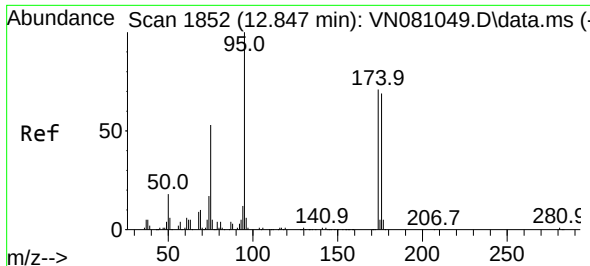
Delta R.T. 0.006 min

Lab File: VN081138.D

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Tgt Ion: 98	Resp:	539799
Ion	Ratio	Lower Upper
98	100	
100	64.9	51.4 77.0





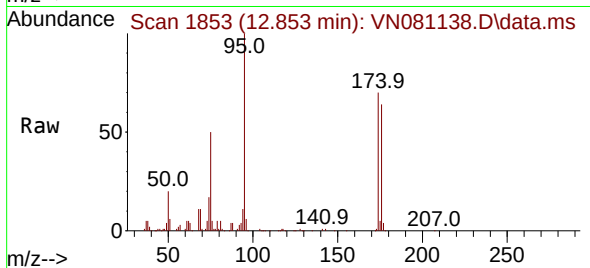
#62
4-Bromofluorobenzene
Concen: 42.991 ug/l
RT: 12.853 min Scan# 1185
Delta R.T. 0.006 min
Lab File: VN081138.D
Acq: 22 Feb 2024 16:23

Instrument :

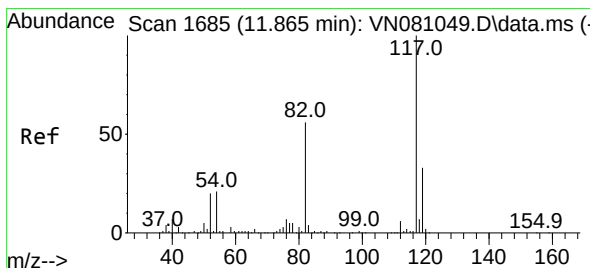
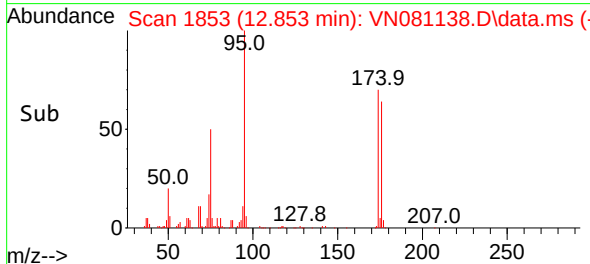
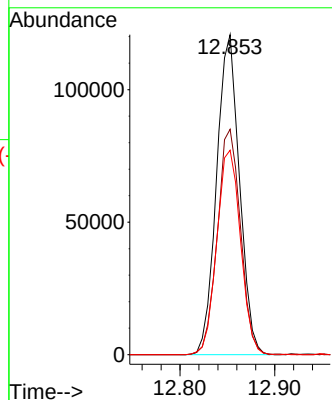
MSVOA_N

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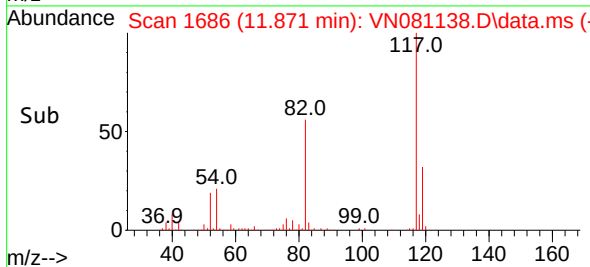
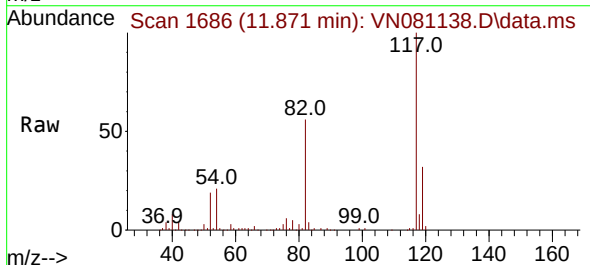
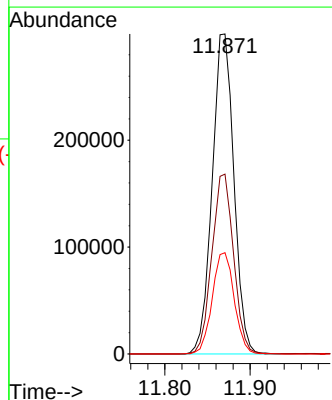


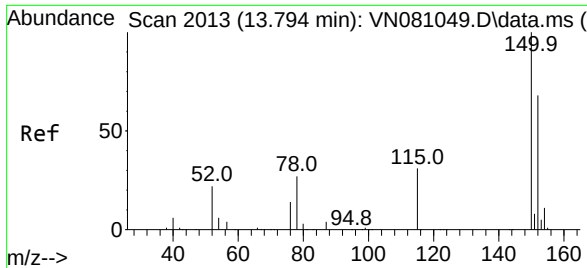
Tgt Ion: 95 Resp: 202460
Ion Ratio Lower Upper
95 100
174 71.3 0.0 120.4
176 66.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081138.D
Acq: 22 Feb 2024 16:23

Tgt Ion:117 Resp: 529867
Ion Ratio Lower Upper
117 100
82 56.2 52.7 79.1
119 31.6 25.3 37.9





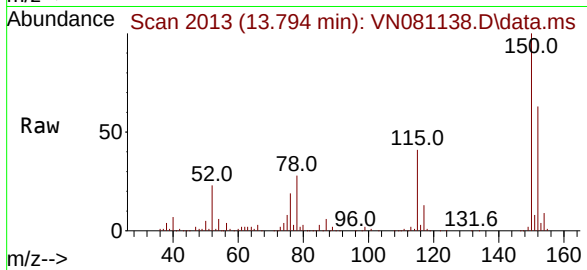
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081138.D
 Acq: 22 Feb 2024 16:23

Instrument :

MSVOA_N

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Tgt Ion:152 Resp: 225182
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 154.5 0.0 339.8

