

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081196.D
 Acq On : 26 Feb 2024 15:40
 Operator : JC\MD
 Sample : P1533-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D1-20240217

Quant Time: Feb 27 00:08:22 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)

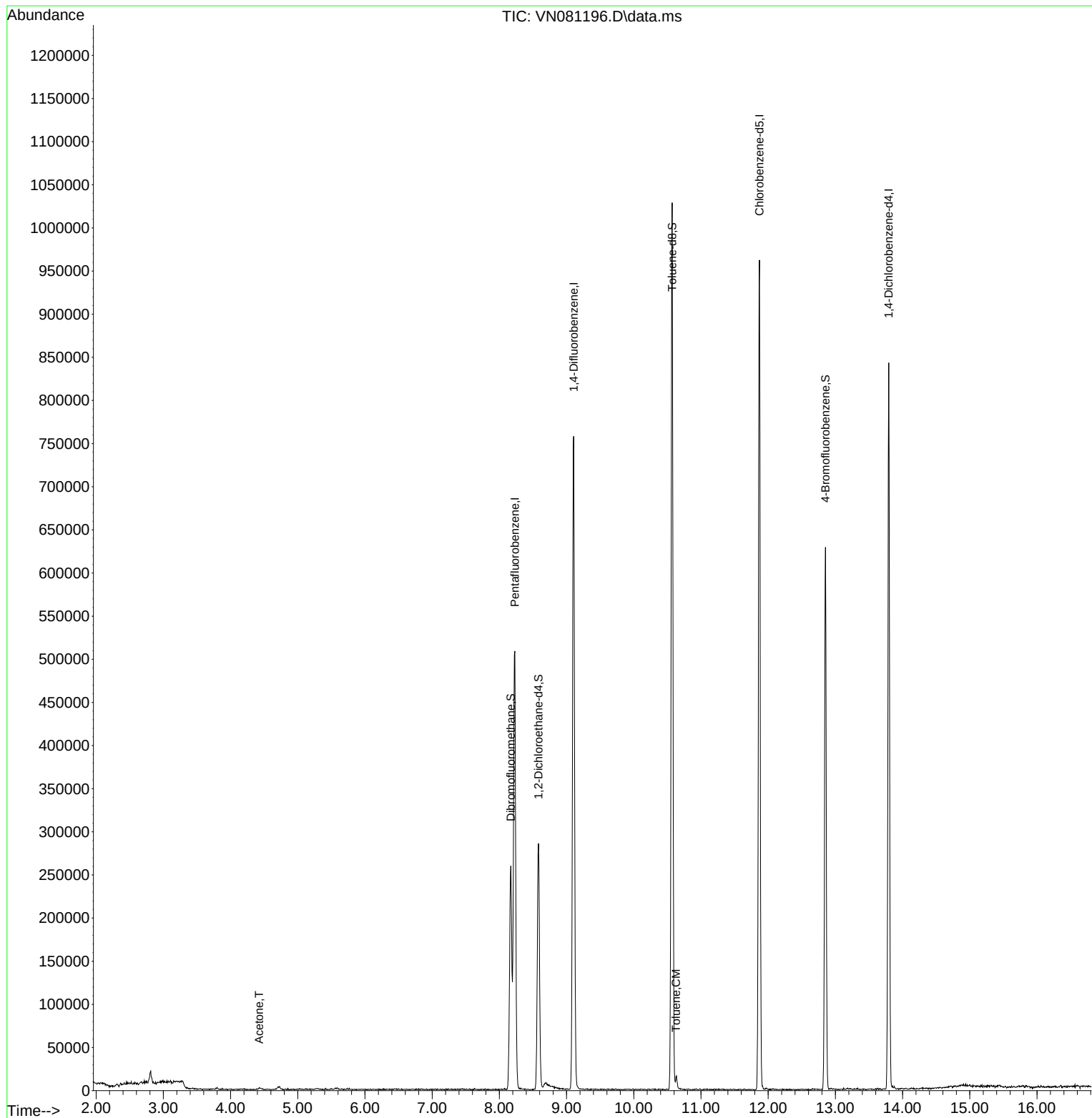
Internal Standards						
1) Pentafluorobenzene	8.230	168	360199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	658501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	231184	52.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.720%
35) Dibromofluoromethane	8.171	113	186959	50.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	10.571	98	711469	53.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.600%
62) 4-Bromofluorobenzene	12.853	95	216203	43.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.020%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	4566	2.628	ug/l #	81
52) Toluene	10.629	92	5611	0.480	ug/l	95

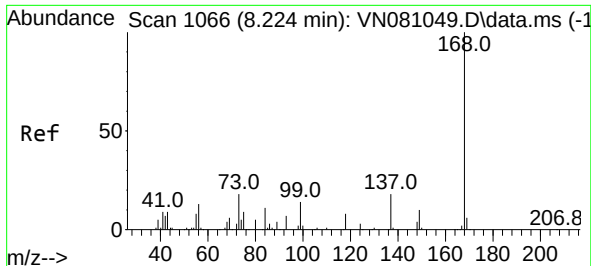
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

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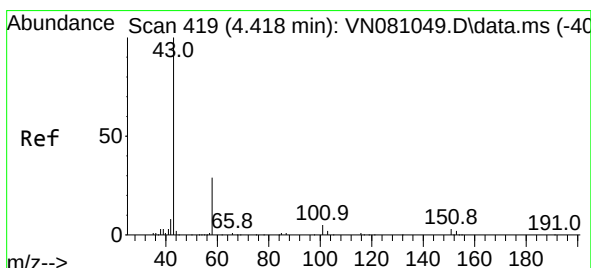
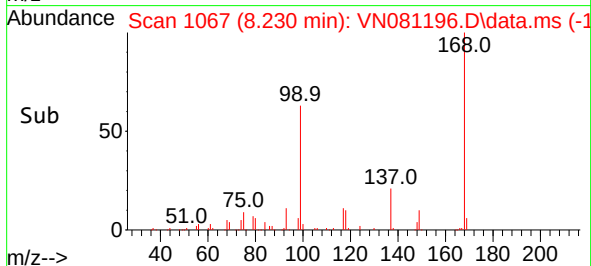
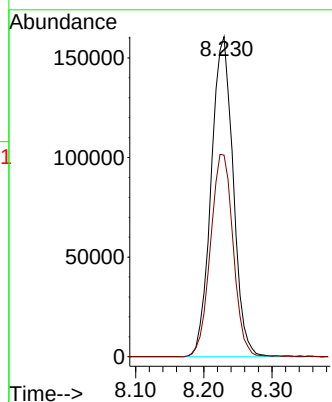
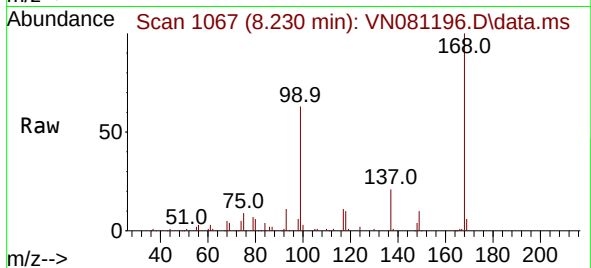
RW9-MW01D1-20240217

Tgt Ion:168 Resp: 360199

Ion Ratio Lower Upper

168 100

99 63.0 59.9 89.9



#16

Acetone

Concen: 2.628 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN081196.D

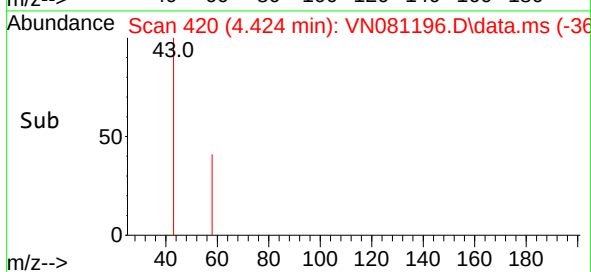
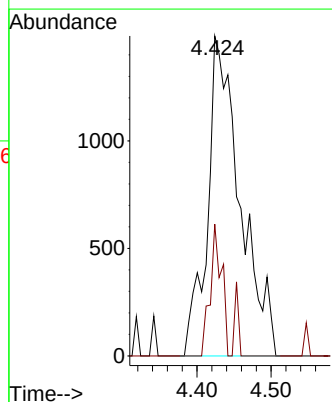
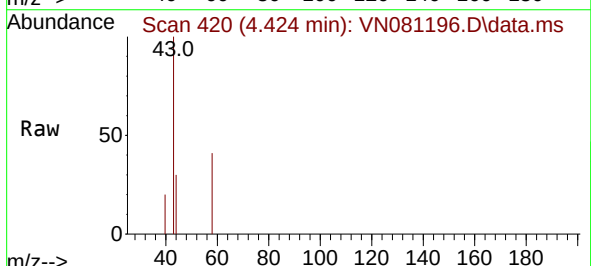
Acq: 26 Feb 2024 15:40

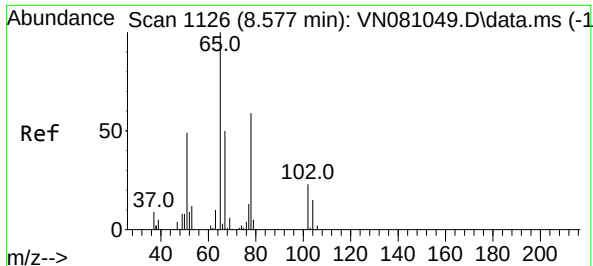
Tgt Ion: 43 Resp: 4566

Ion Ratio Lower Upper

43 100

58 41.2 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 52.363 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

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Acq: 26 Feb 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

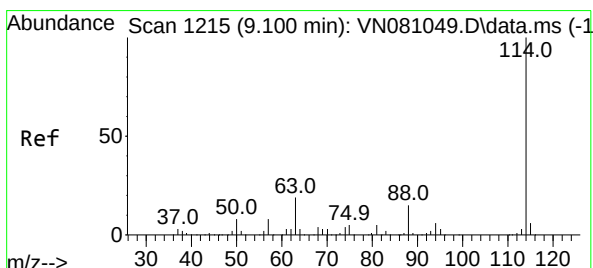
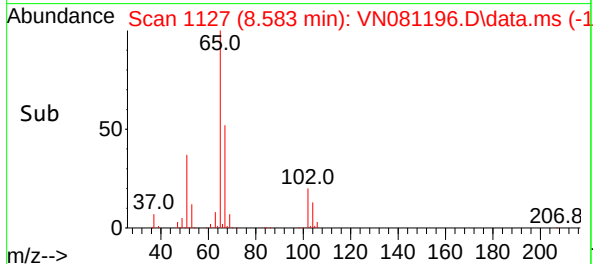
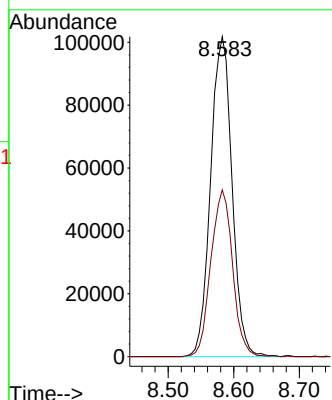
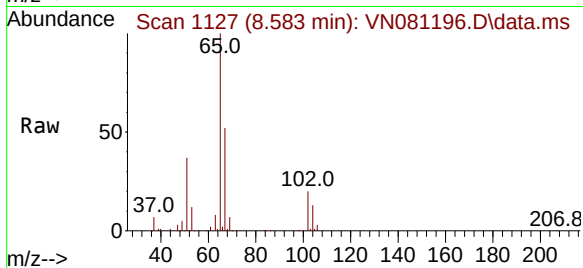
RW9-MW01D1-20240217

Tgt Ion: 65 Resp: 231184

Ion Ratio Lower Upper

65 100

67 52.7 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: VN081196.D

Acq: 26 Feb 2024 15:40

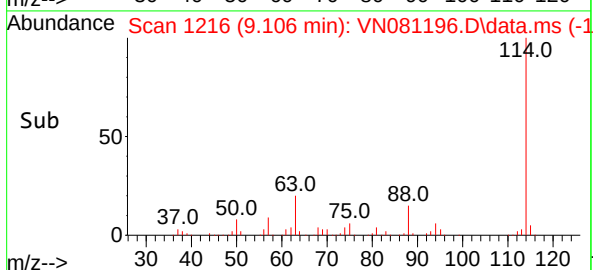
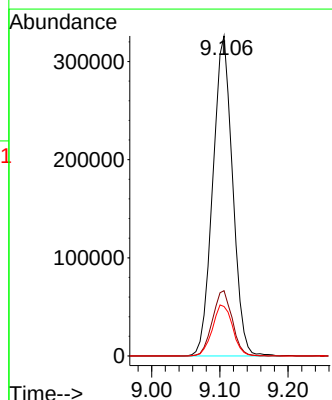
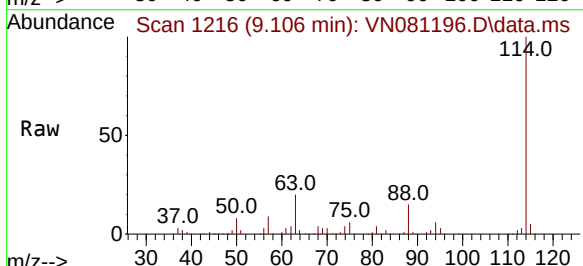
Tgt Ion: 114 Resp: 658501

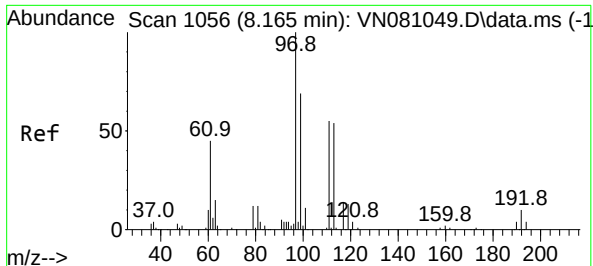
Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.209 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081196.D

Acq: 26 Feb 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D1-20240217

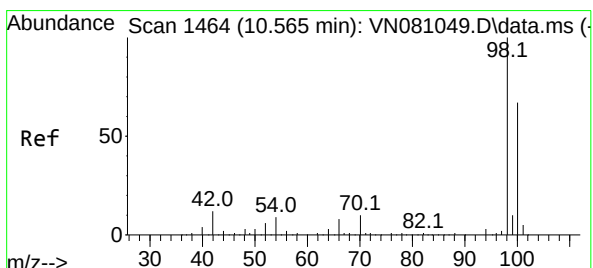
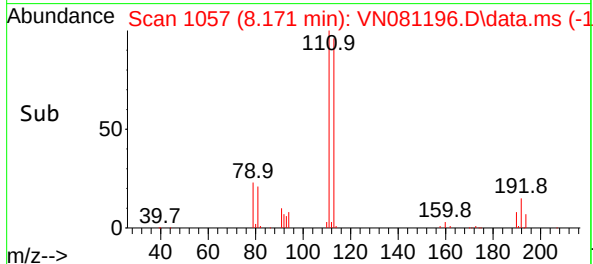
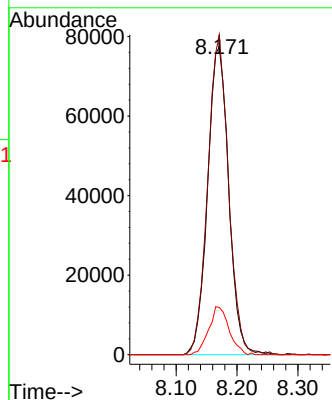
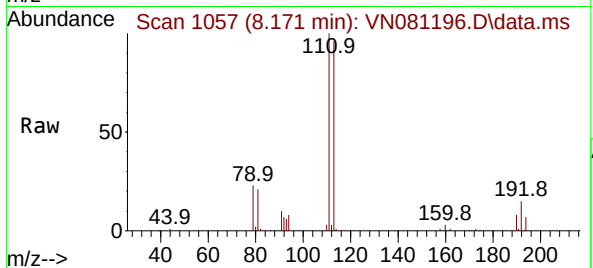
Tgt Ion:113 Resp: 186959

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 15.0 12.5 18.7



#50

Toluene-d8

Concen: 53.796 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081196.D

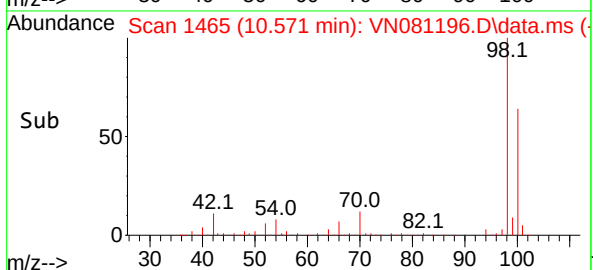
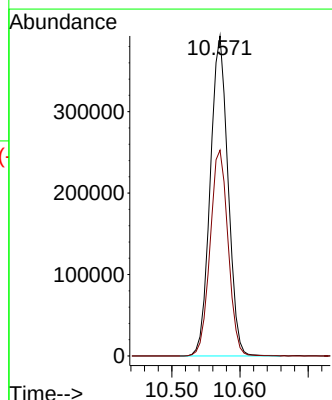
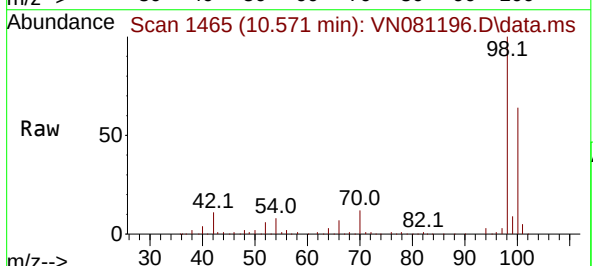
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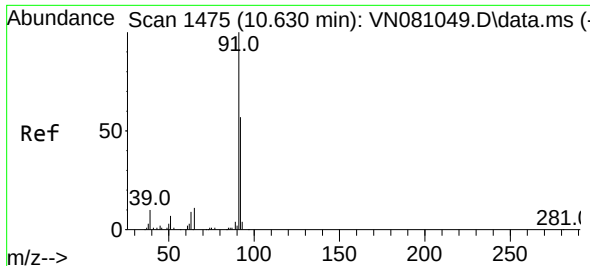
Tgt Ion: 98 Resp: 711469

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

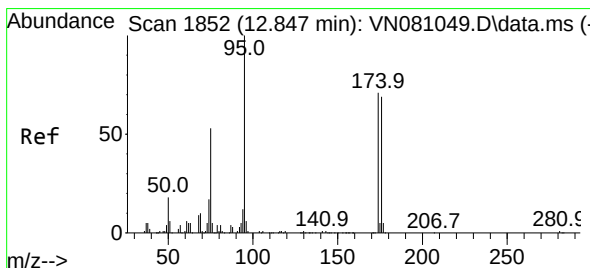
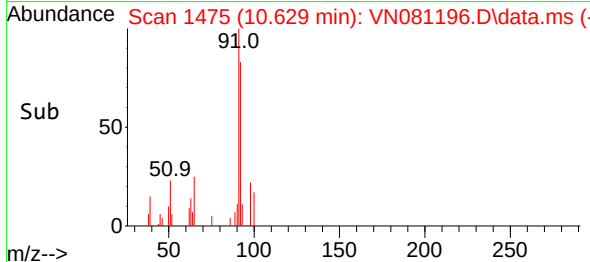
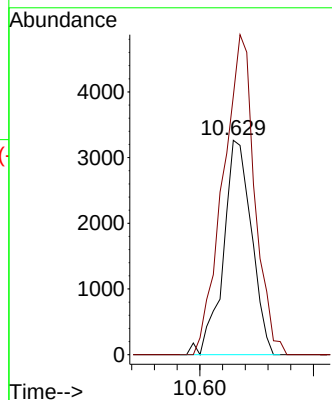
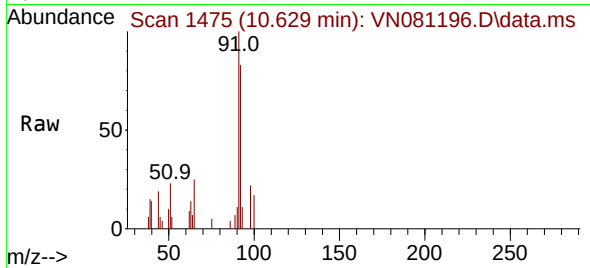




#52
Toluene
Concen: 0.480 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

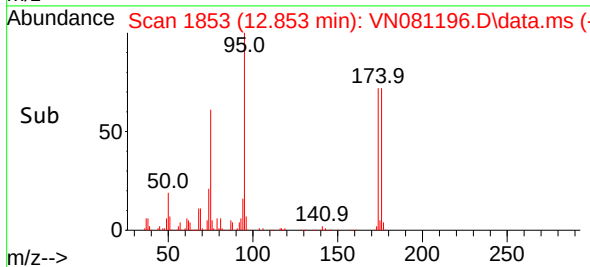
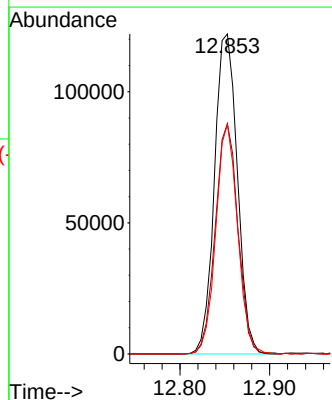
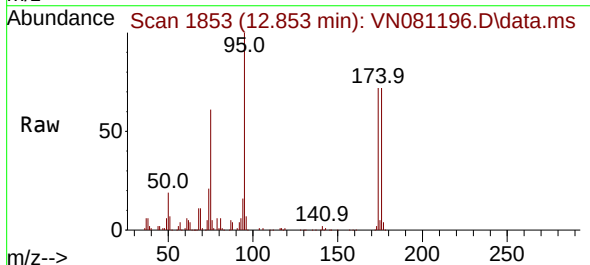
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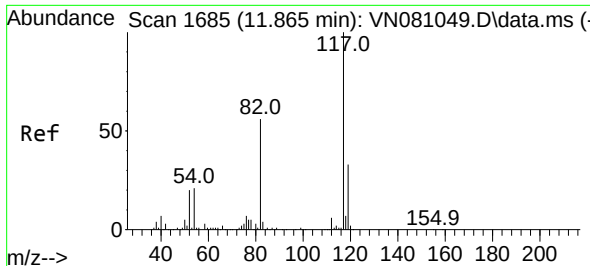
Tgt Ion: 92 Resp: 5611
Ion Ratio Lower Upper
92 100
91 167.8 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 43.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion: 95 Resp: 216203
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 68.0 0.0 121.0

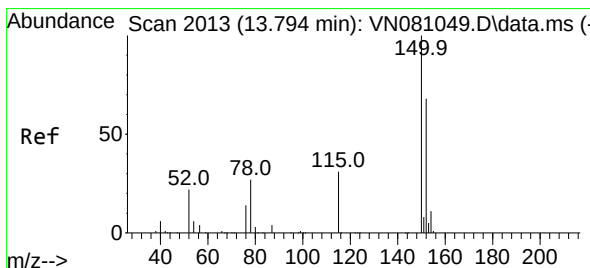
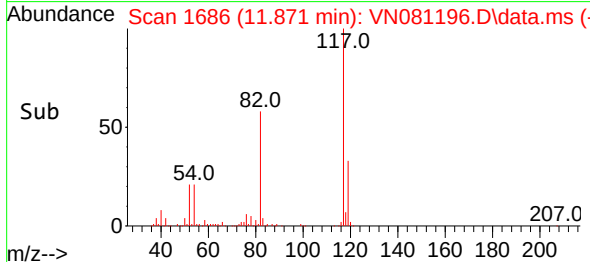
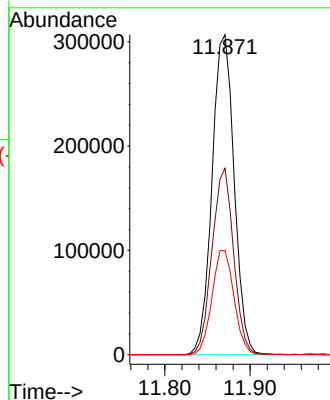
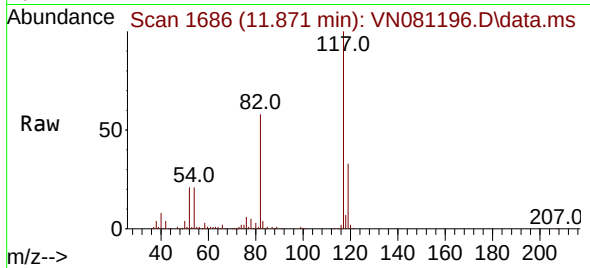




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20240217

Tgt Ion:	117	Resp:	552744
Ion	Ratio	Lower	Upper
117	100		
82	58.3	52.7	79.1
119	32.6	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081196.D
Acq: 26 Feb 2024 15:40

Tgt Ion:	152	Resp:	209439
Ion	Ratio	Lower	Upper
152	100		
115	65.7	32.3	96.8
150	157.7	0.0	339.8

