

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081244.D
 Acq On : 28 Feb 2024 15:41
 Operator : JC\MD
 Sample : P1590-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP09-20240222

Quant Time: Feb 28 23:27:11 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)

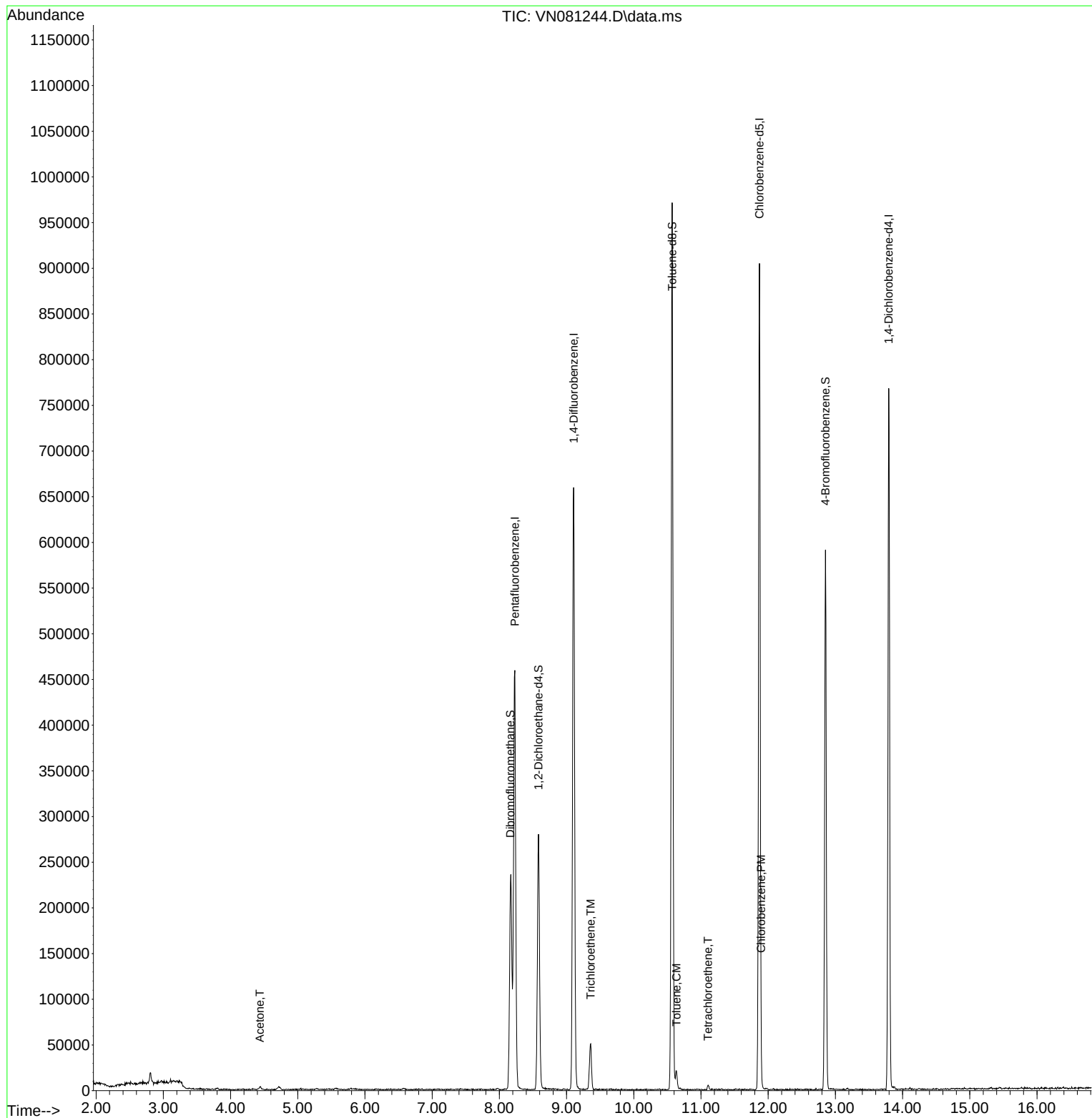
Internal Standards						
1) Pentafluorobenzene	8.229	168	310322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	509629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217902	57.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.580%
35) Dibromofluoromethane	8.165	113	169234	52.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.220%
50) Toluene-d8	10.570	98	635479	55.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.180%
62) 4-Bromofluorobenzene	12.853	95	204828	47.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.520%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	4732	3.162	ug/l #	83
44) Trichloroethene	9.359	130	18190	4.241	ug/l	83
52) Toluene	10.635	92	8222	0.806	ug/l	95
64) Tetrachloroethene	11.106	164	902	0.259	ug/l #	75
65) Chlorobenzene	11.894	112	2472	0.224	ug/l #	65

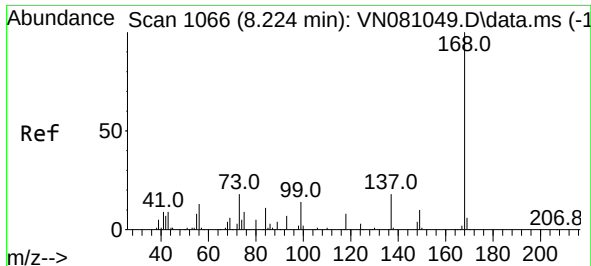
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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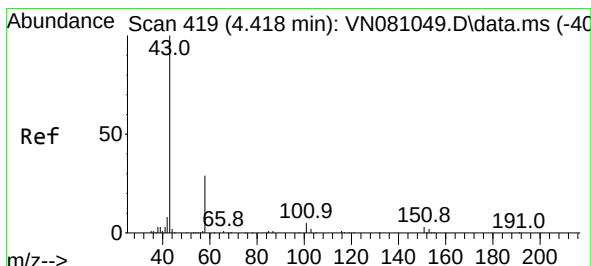
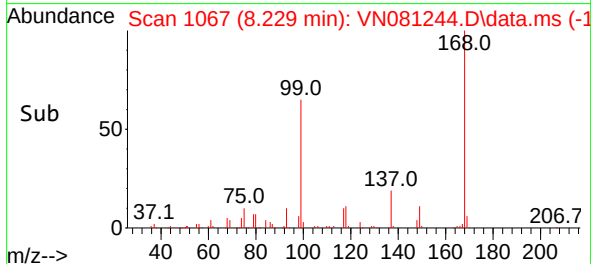
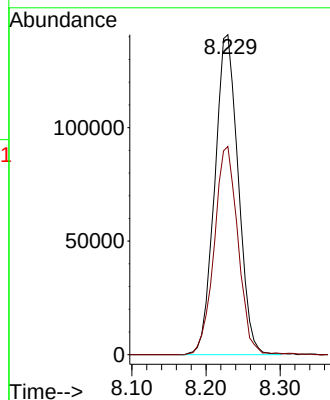
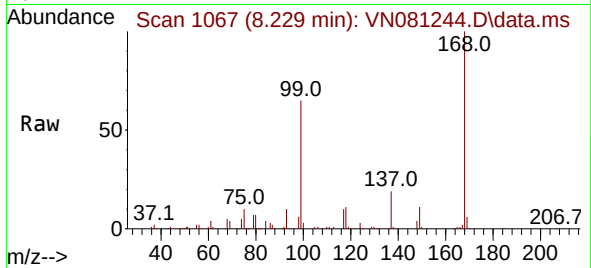




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081244.D
Acq: 28 Feb 2024 15:41

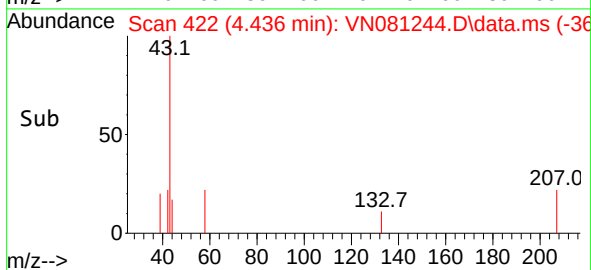
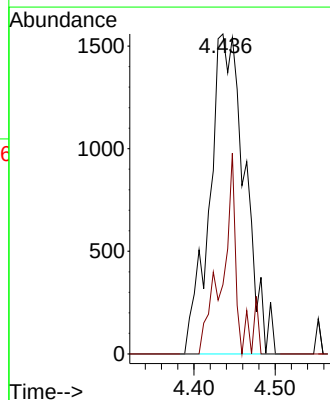
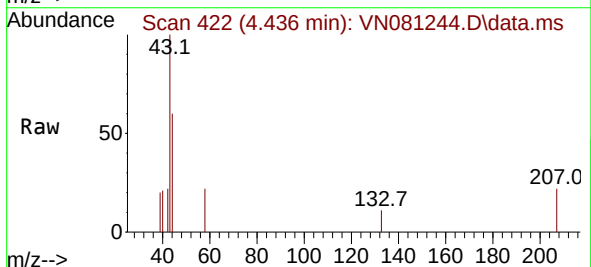
Instrument :
MSVOA_N
ClientSampleId :
DUP09-20240222

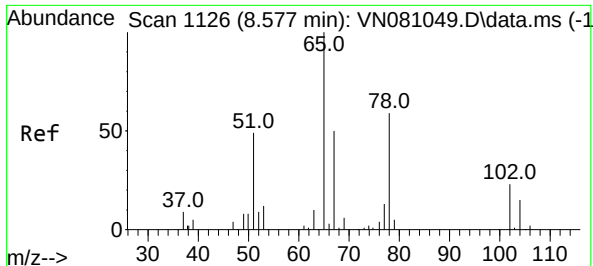
Tgt Ion:168 Resp: 310322
Ion Ratio Lower Upper
168 100
99 65.1 59.9 89.9



#16
Acetone
Concen: 3.162 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.017 min
Lab File: VN081244.D
Acq: 28 Feb 2024 15:41

Tgt Ion: 43 Resp: 4732
Ion Ratio Lower Upper
43 100
58 21.6 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 57.287 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081244.D

Acq: 28 Feb 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :

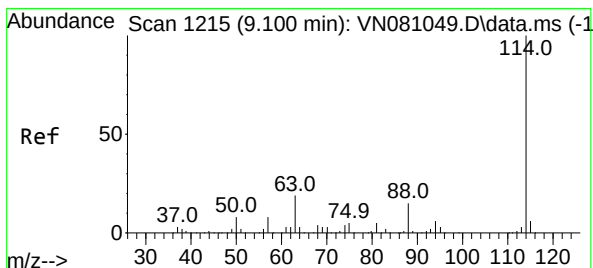
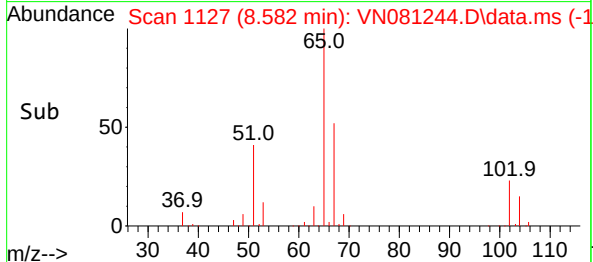
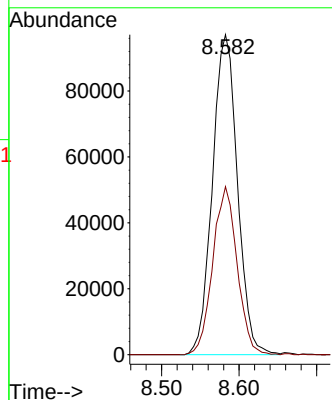
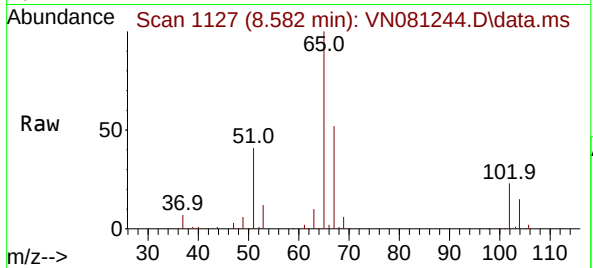
DUP09-20240222

Tgt Ion: 65 Resp: 217902

Ion Ratio Lower Upper

65 100

67 51.1 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: VN081244.D

Acq: 28 Feb 2024 15:41

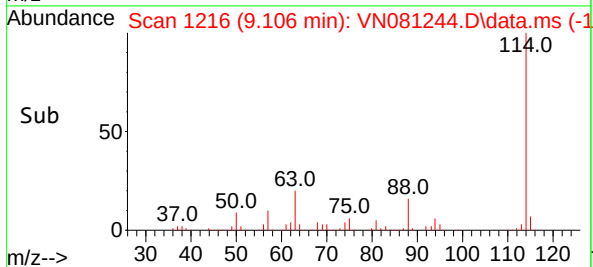
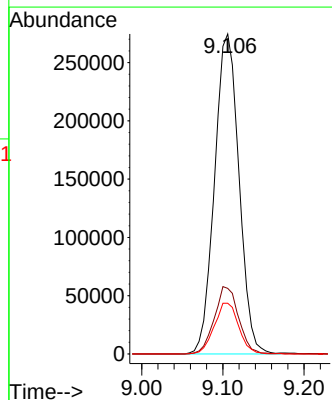
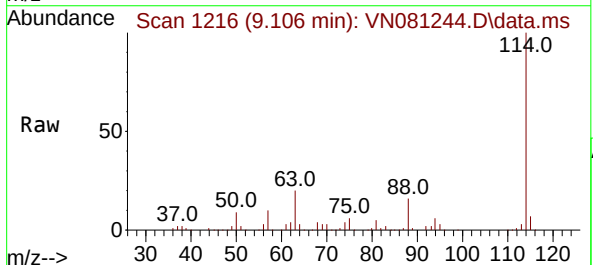
Tgt Ion: 114 Resp: 574306

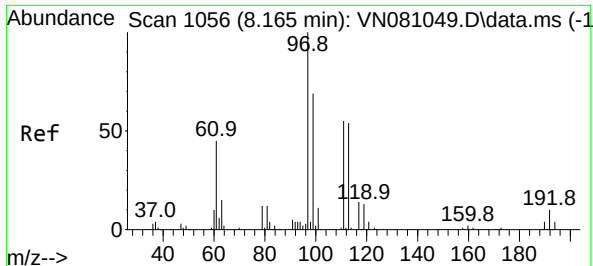
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 15.9 0.0 34.8

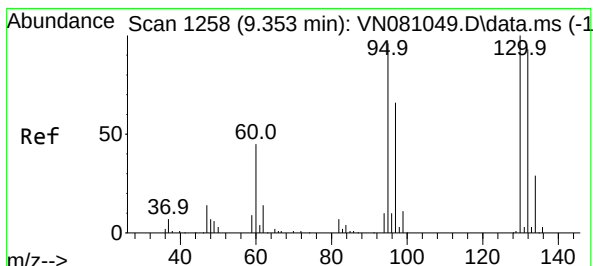
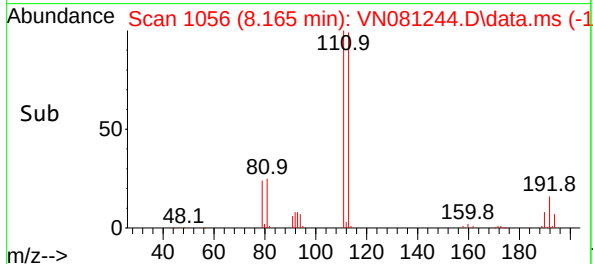
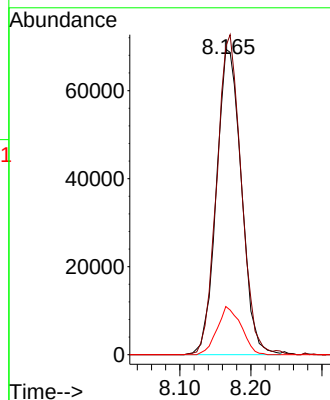
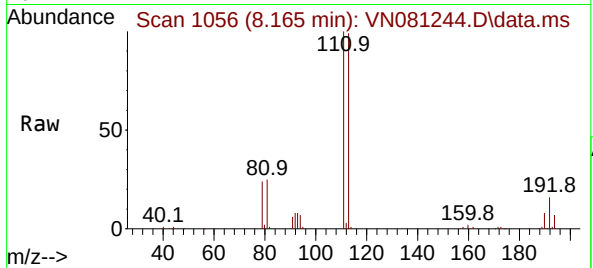




#35
Dibromofluoromethane
Concen: 52.112 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081244.D
Acq: 28 Feb 2024 15:41

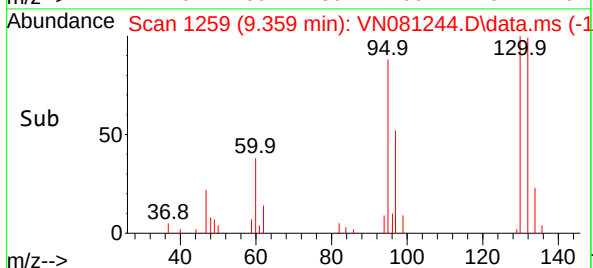
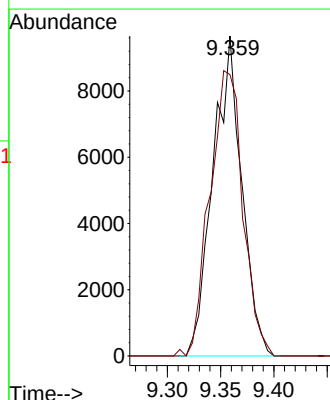
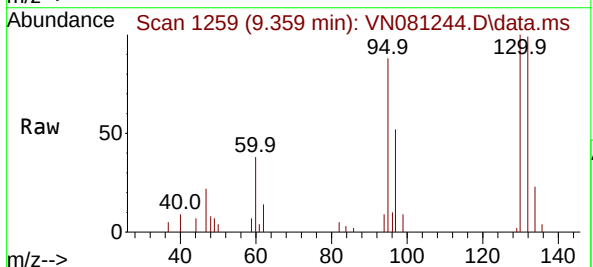
Instrument :
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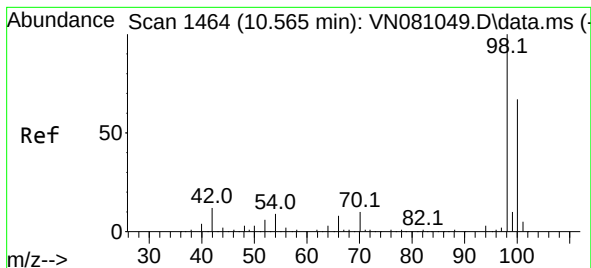
Tgt Ion:113 Resp: 169234
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 15.2 12.5 18.7



#44
Trichloroethene
Concen: 4.241 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081244.D
Acq: 28 Feb 2024 15:41

Tgt Ion:130 Resp: 18190
Ion Ratio Lower Upper
130 100
95 88.0 0.0 210.4





#50

Toluene-d8

Concen: 55.095 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081244.D

Acq: 28 Feb 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :

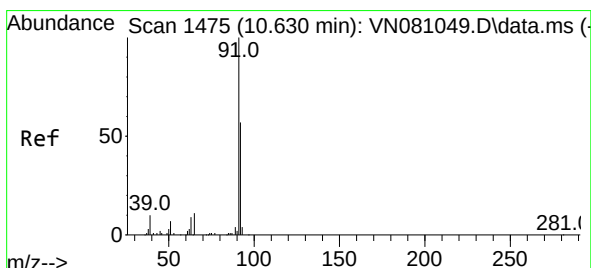
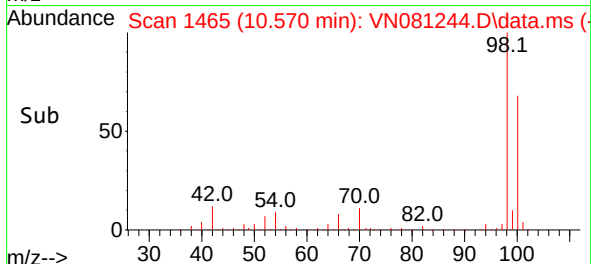
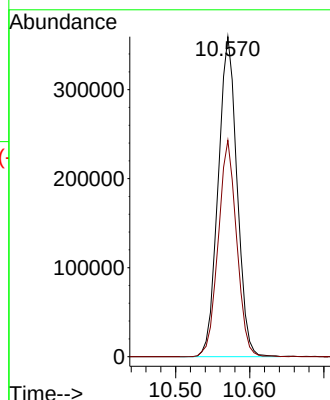
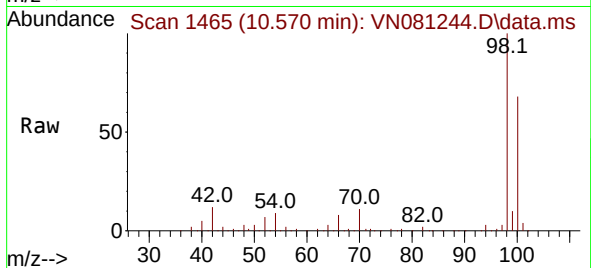
DUP09-20240222

Tgt Ion: 98 Resp: 635479

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0



#52

Toluene

Concen: 0.806 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN081244.D

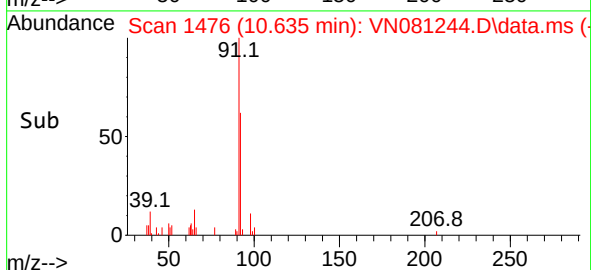
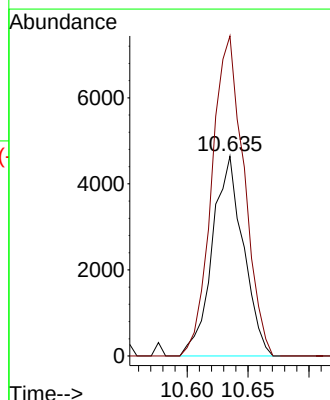
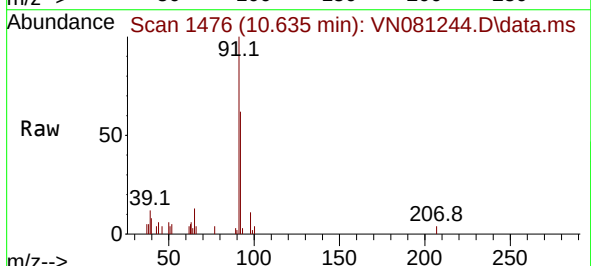
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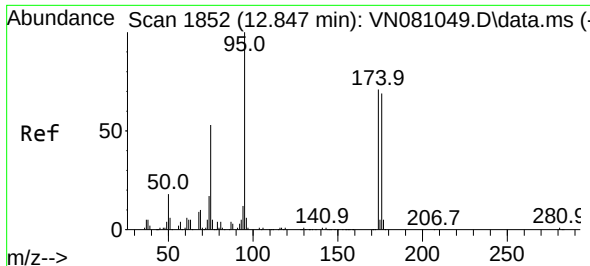
Tgt Ion: 92 Resp: 8222

Ion Ratio Lower Upper

92 100

91 166.6 139.4 209.0

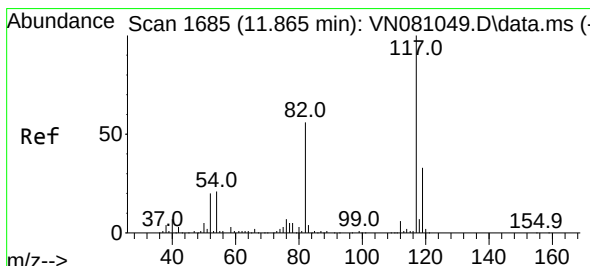
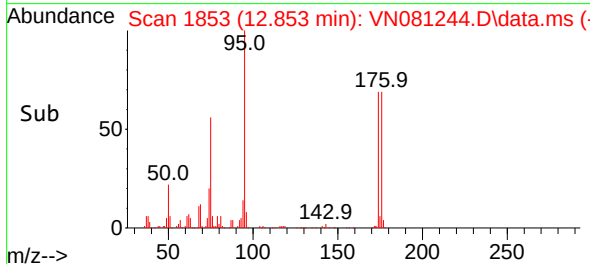
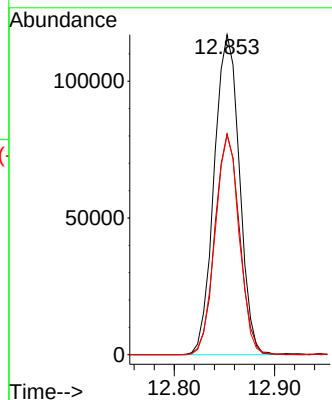
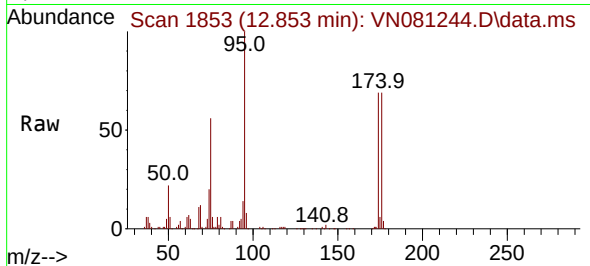




#62
4-Bromofluorobenzene
Concen: 47.260 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081244.D
Acq: 28 Feb 2024 15:41

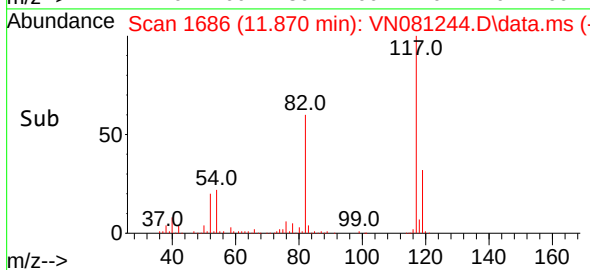
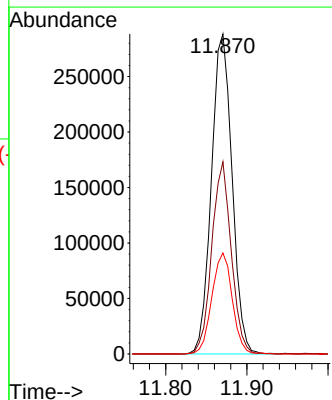
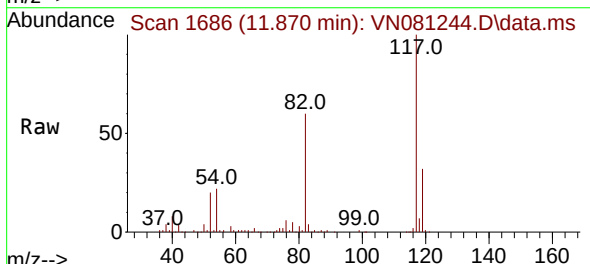
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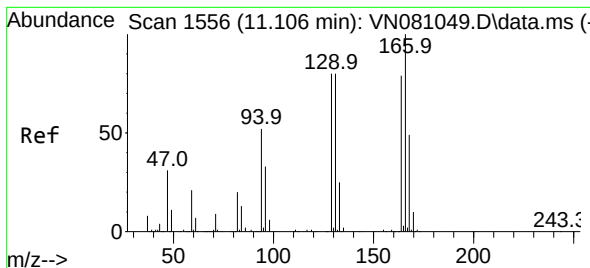
Tgt Ion: 95 Resp: 204828
Ion Ratio Lower Upper
95 100
174 67.1 0.0 120.4
176 65.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081244.D
Acq: 28 Feb 2024 15:41

Tgt Ion: 117 Resp: 509629
Ion Ratio Lower Upper
117 100
82 60.1 52.7 79.1
119 31.6 25.3 37.9





#64

Tetrachloroethene

Concen: 0.259 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081244.D

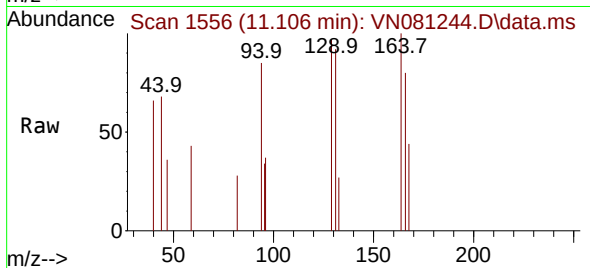
Acq: 28 Feb 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :

DUP09-20240222



Tgt Ion:164 Resp: 902

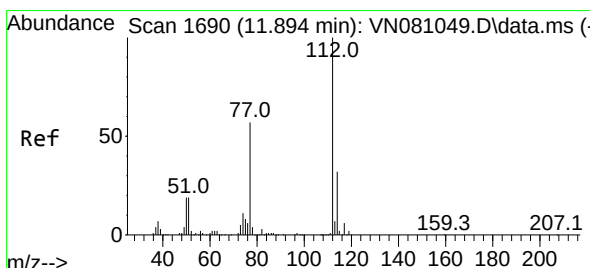
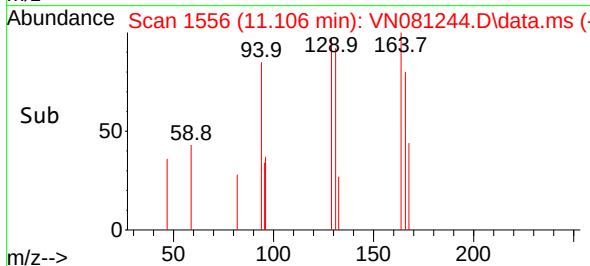
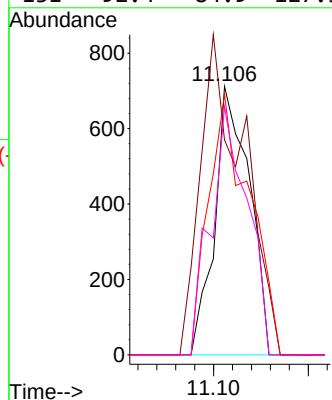
Ion Ratio Lower Upper

164 100

166 80.1 105.8 158.6#

129 97.1 89.6 134.4

131 92.4 84.9 127.3



#65

Chlorobenzene

Concen: 0.224 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN081244.D

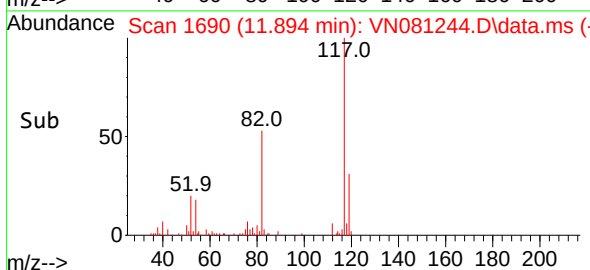
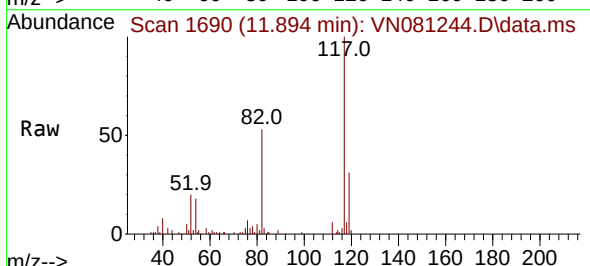
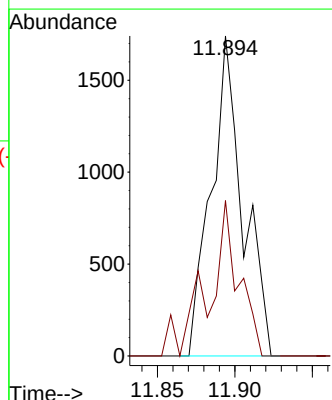
Acq: 28 Feb 2024 15:41

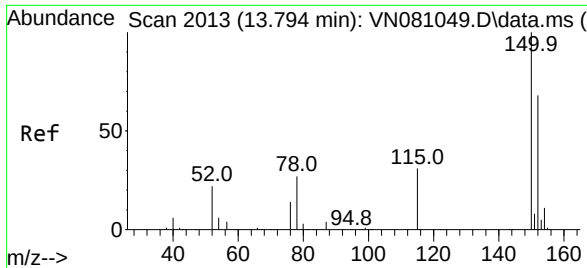
Tgt Ion:112 Resp: 2472

Ion Ratio Lower Upper

112 100

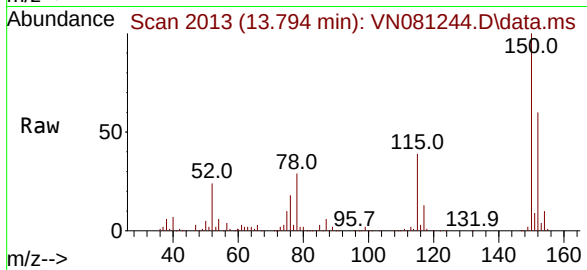
114 48.5 23.7 35.5#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081244.D
 Acq: 28 Feb 2024 15:41

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 192991
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.3 96.8
 150 159.8 0.0 339.8

