

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081861.D
 Acq On : 25 Apr 2024 19:28
 Operator : JC\MD
 Sample : P2257-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4524

Quant Time: Apr 26 05:40:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

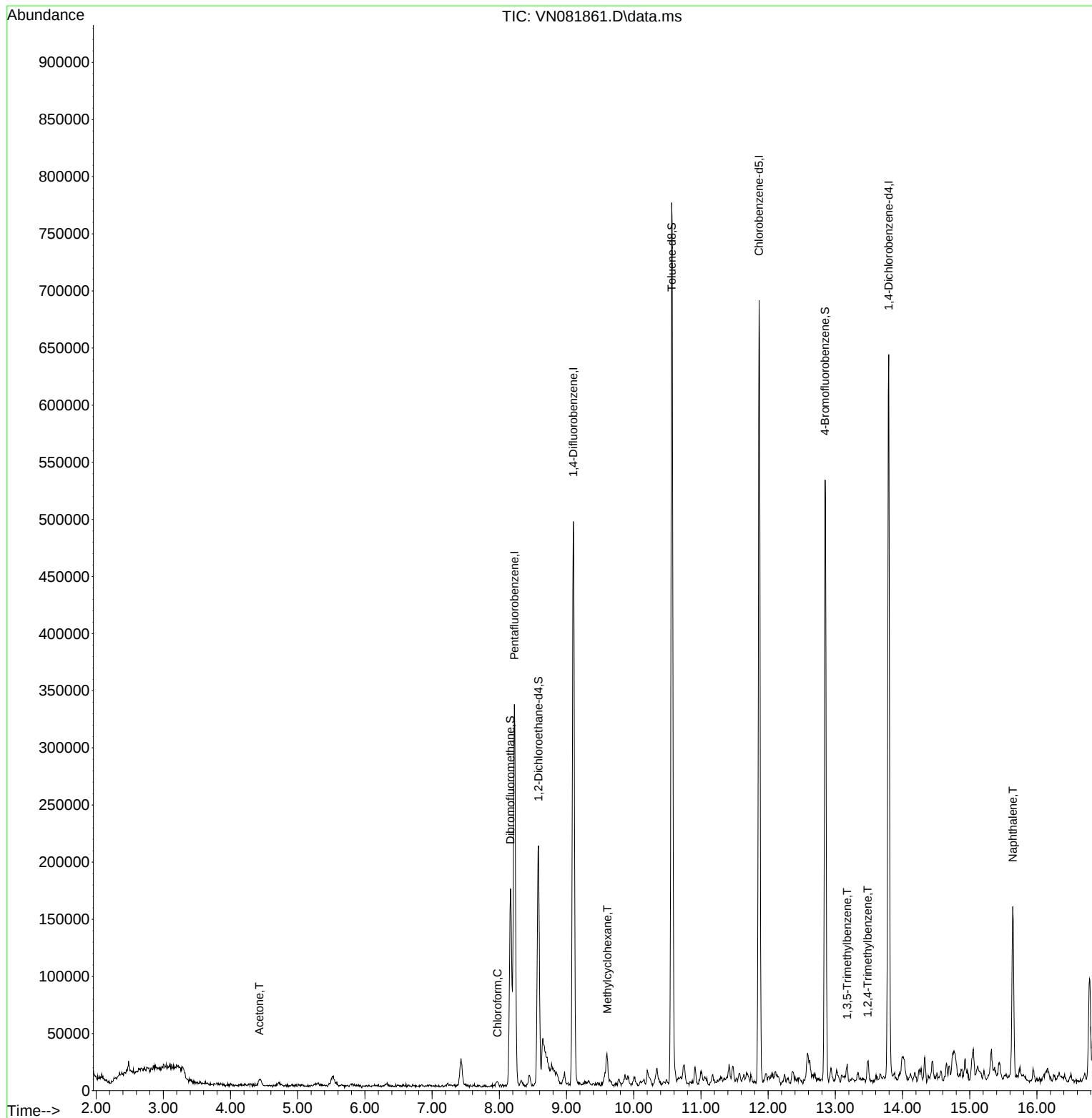
Internal Standards						
1) Pentafluorobenzene	8.224	168	221094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174726	46.825	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.640%
35) Dibromofluoromethane	8.165	113	124497	50.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.680%
50) Toluene-d8	10.565	98	510006	52.512	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.847	95	192515	50.144	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.280%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	9633	3.336	ug/l #	86
30) Chloroform	7.971	83	4559	0.806	ug/l #	71
39) Methylcyclohexane	9.606	83	11864	2.428	ug/l	87
80) 1,3,5-Trimethylbenzene	13.176	105	5861	0.499	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	11558	0.986	ug/l	95
95) Naphthalene	15.641	128	133561	12.170	ug/l	99

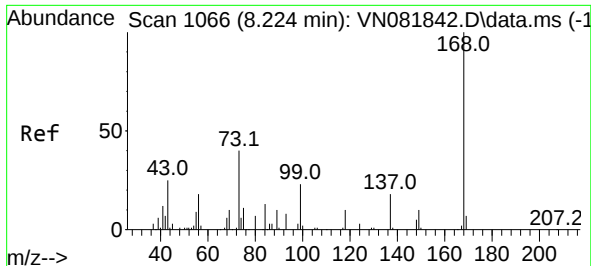
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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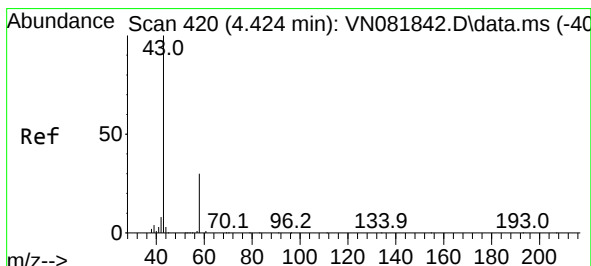
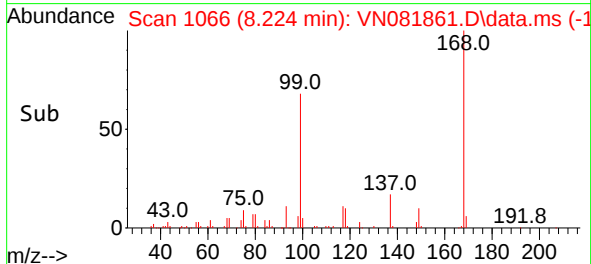
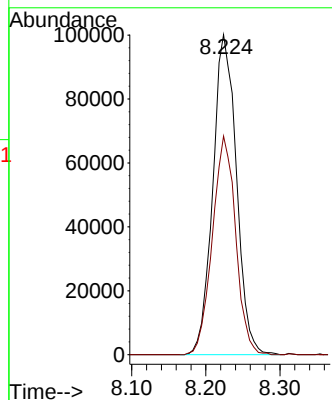
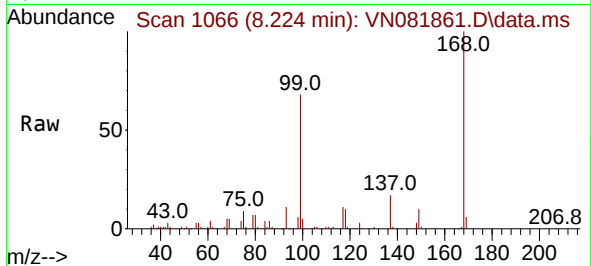




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081861.D
Acq: 25 Apr 2024 19:28

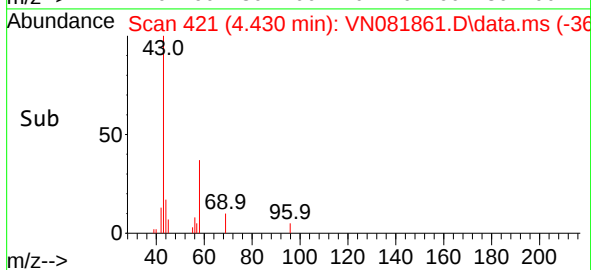
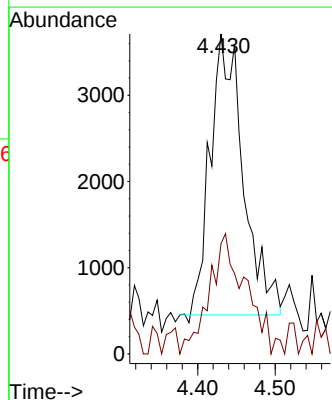
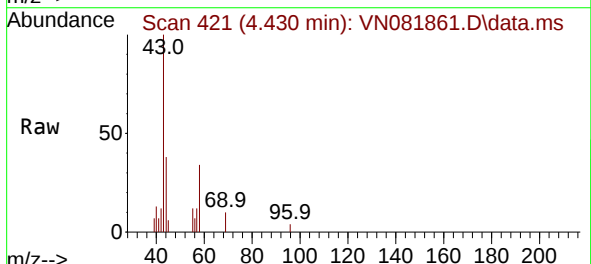
Instrument :
MSVOA_N
ClientSampleId :
4524

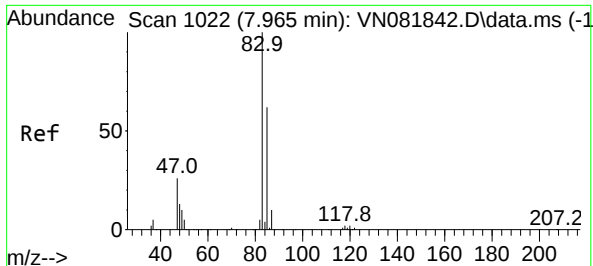
Tgt Ion:168 Resp: 221094
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#16
Acetone
Concen: 3.336 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081861.D
Acq: 25 Apr 2024 19:28

Tgt Ion: 43 Resp: 9633
Ion Ratio Lower Upper
43 100
58 39.2 25.2 37.8#





#30

Chloroform

Concen: 0.806 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN081861.D

Acq: 25 Apr 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

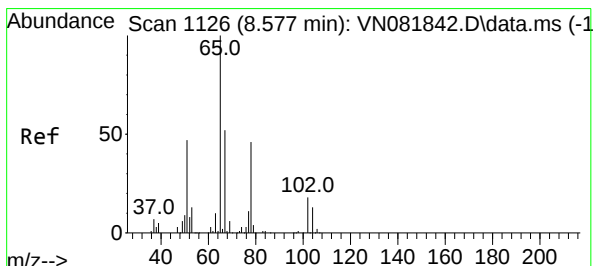
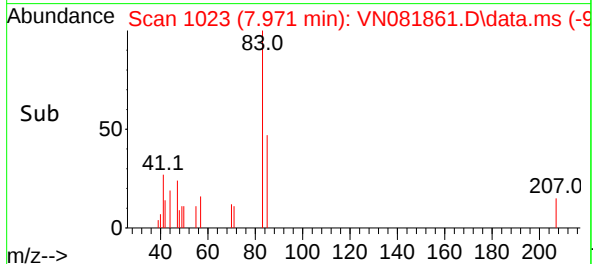
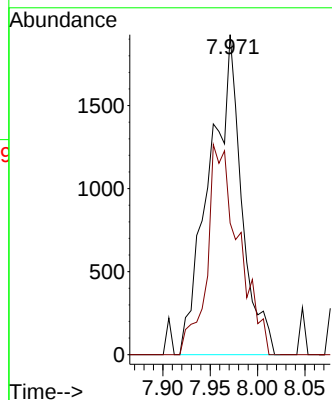
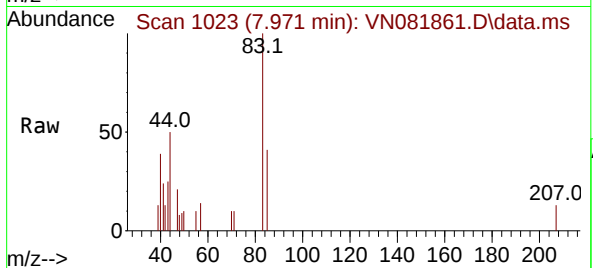
4524

Tgt Ion: 83 Resp: 4559

Ion Ratio Lower Upper

83 100

85 41.2 50.7 76.1#



#33

1,2-Dichloroethane-d4

Concen: 46.825 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081861.D

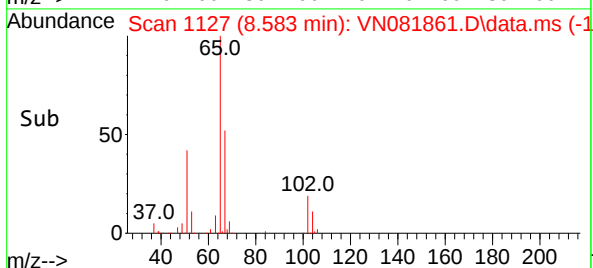
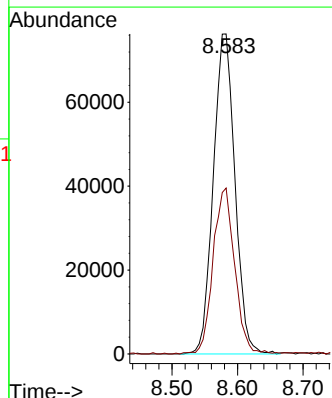
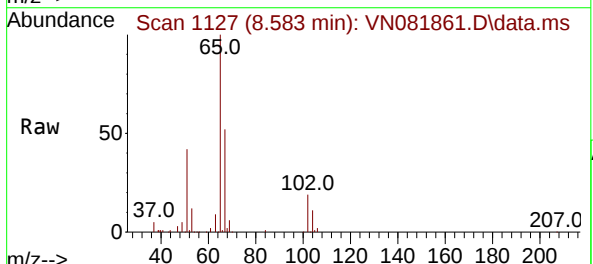
Acq: 25 Apr 2024 19:28

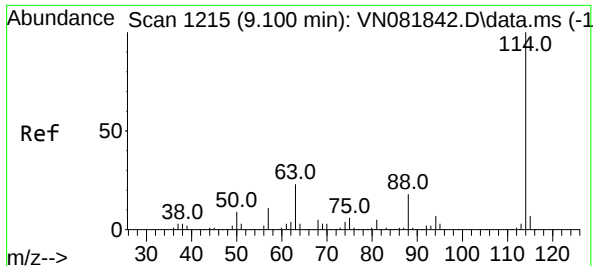
Tgt Ion: 65 Resp: 174726

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081861.D

Acq: 25 Apr 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

4524

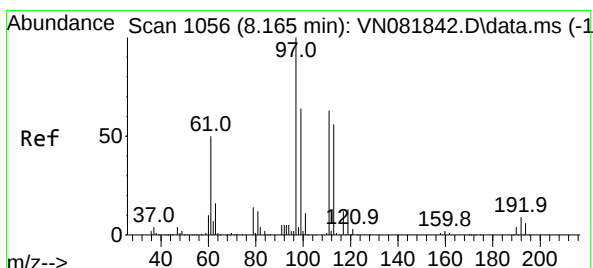
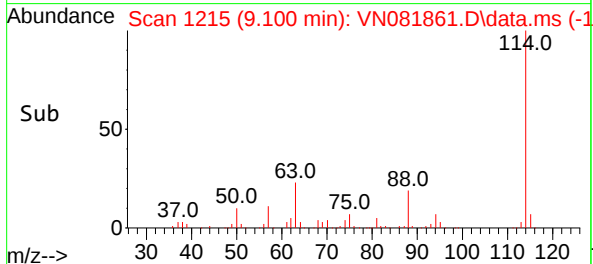
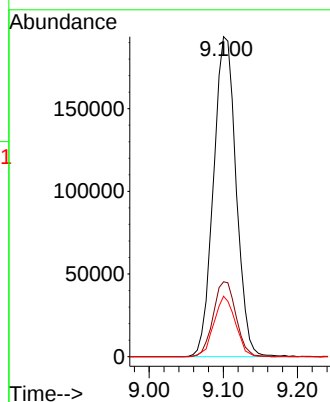
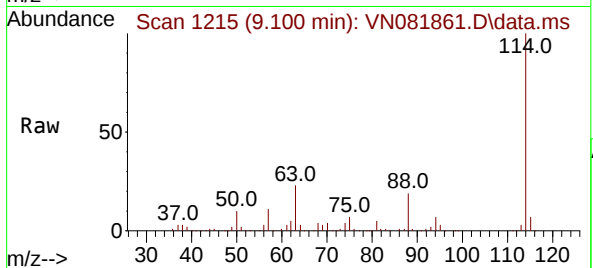
Tgt Ion:114 Resp: 410722

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 18.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.345 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081861.D

Acq: 25 Apr 2024 19:28

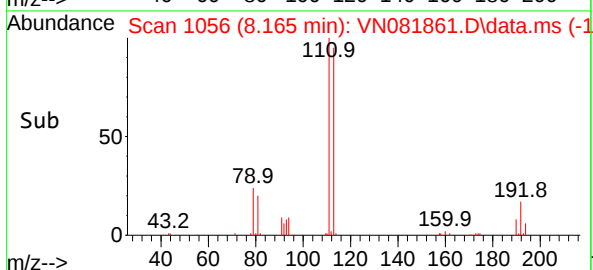
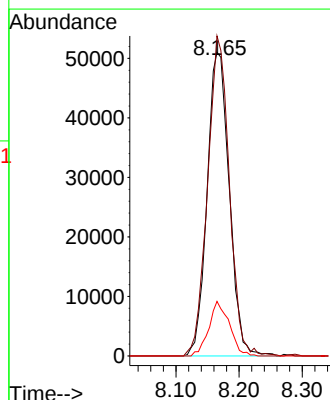
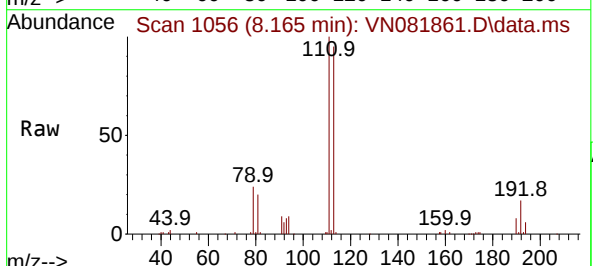
Tgt Ion:113 Resp: 124497

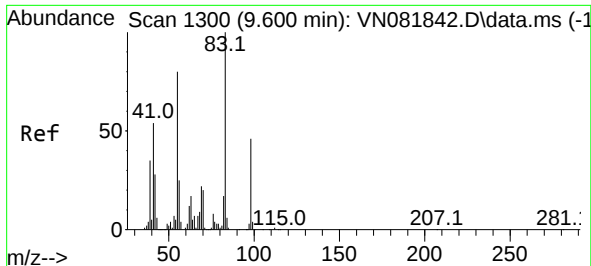
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 16.7 14.0 21.0





#39

Methylcyclohexane

Concen: 2.428 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081861.D

Acq: 25 Apr 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

4524

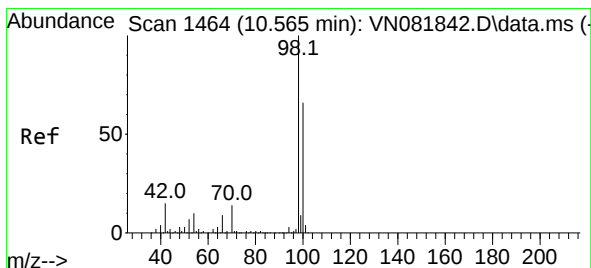
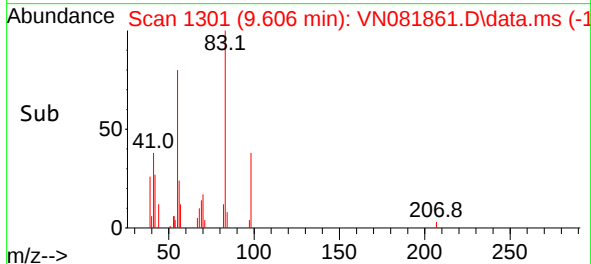
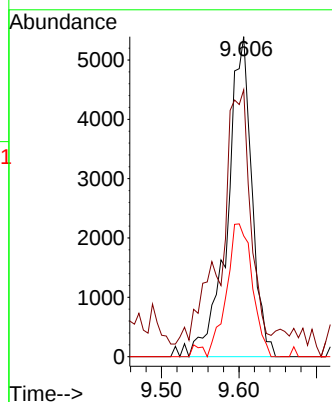
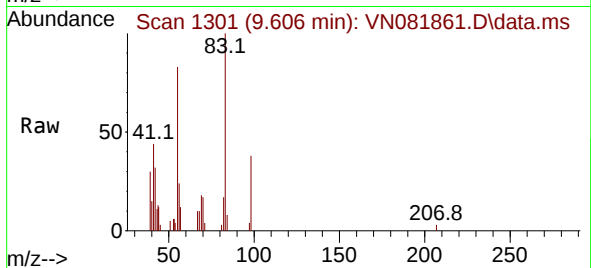
Tgt Ion: 83 Resp: 11864

Ion Ratio Lower Upper

83 100

55 77.3 53.0 79.6

98 37.8 37.1 55.7



#50

Toluene-d8

Concen: 52.512 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081861.D

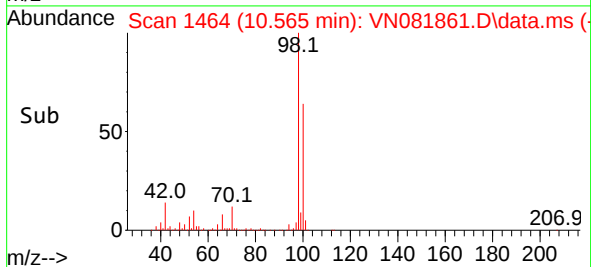
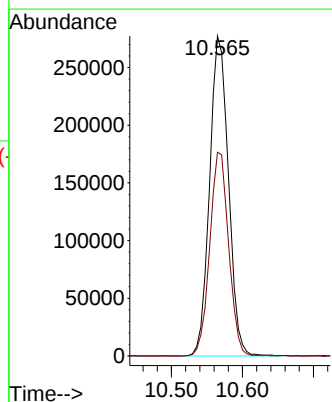
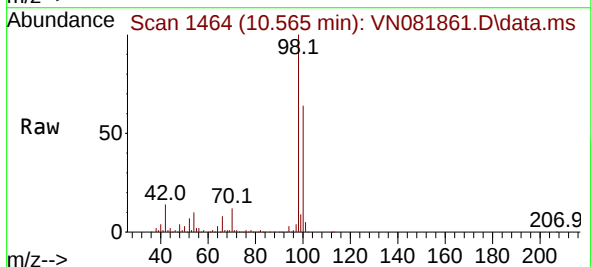
Acq: 25 Apr 2024 19:28

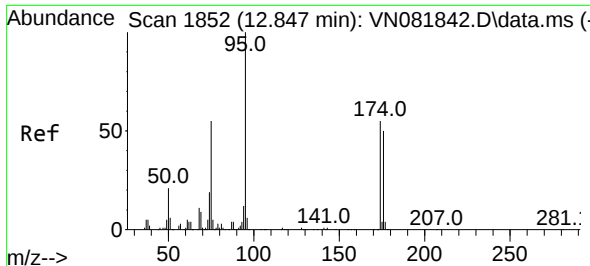
Tgt Ion: 98 Resp: 510006

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.6

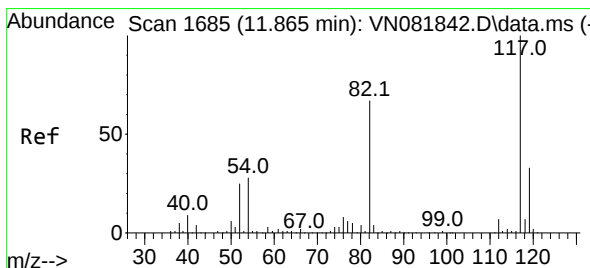
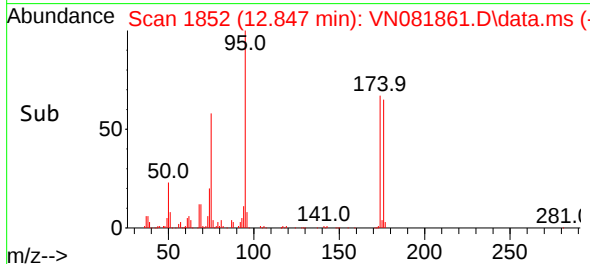
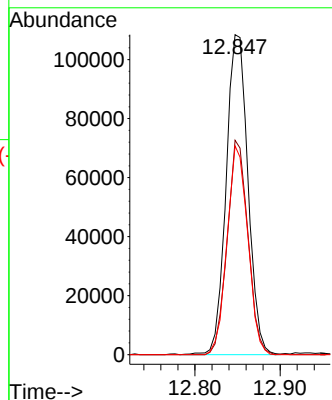
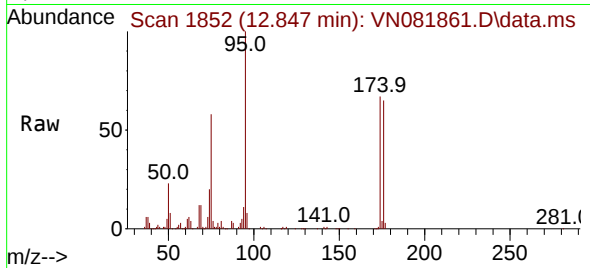




#62
4-Bromofluorobenzene
Concen: 50.144 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081861.D
Acq: 25 Apr 2024 19:28

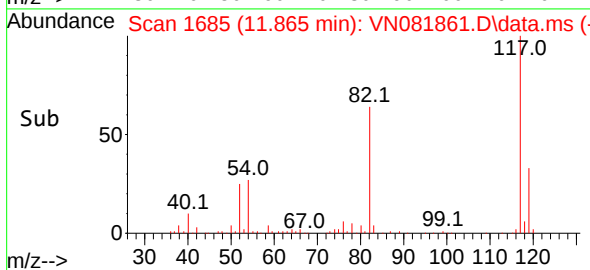
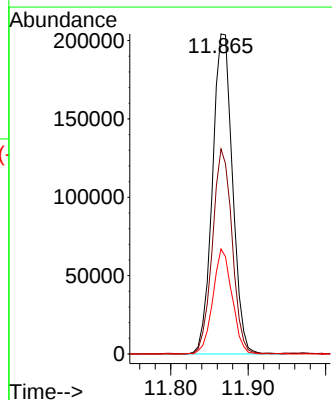
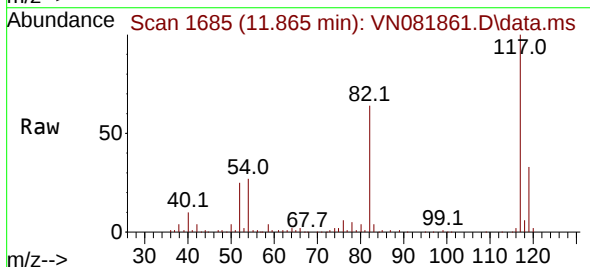
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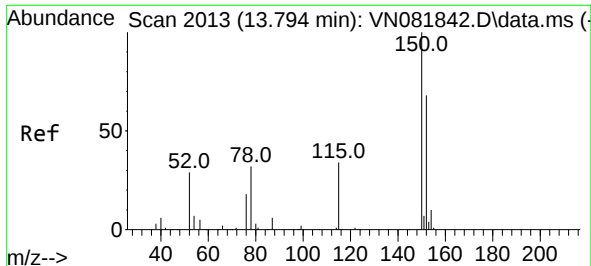
Tgt Ion: 95 Resp: 192515
Ion Ratio Lower Upper
95 100
174 63.7 0.0 160.6
176 62.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081861.D
Acq: 25 Apr 2024 19:28

Tgt Ion: 117 Resp: 367090
Ion Ratio Lower Upper
117 100
82 63.9 44.6 66.8
119 32.8 25.9 38.9

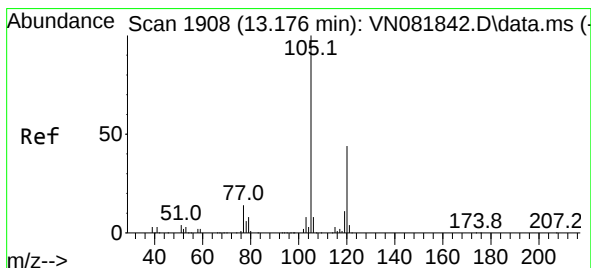
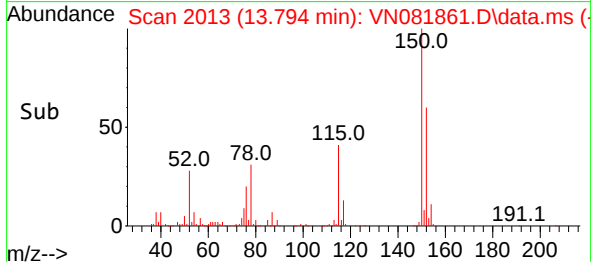
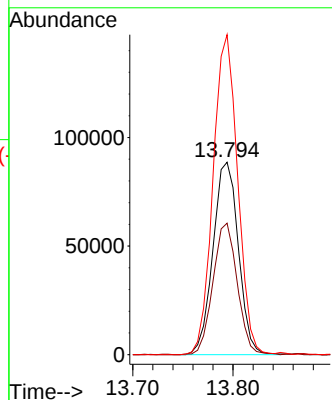
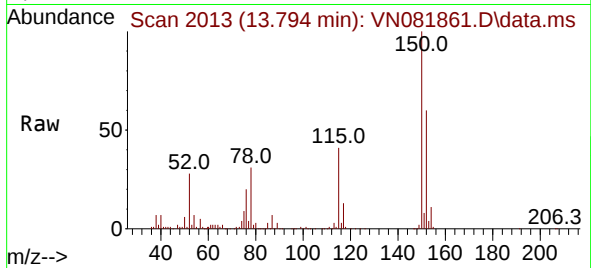




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081861.D
 Acq: 25 Apr 2024 19:28

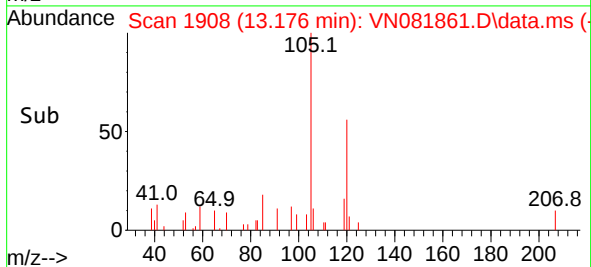
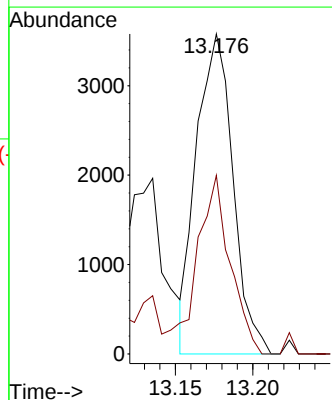
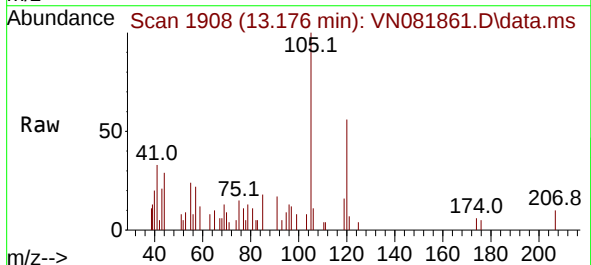
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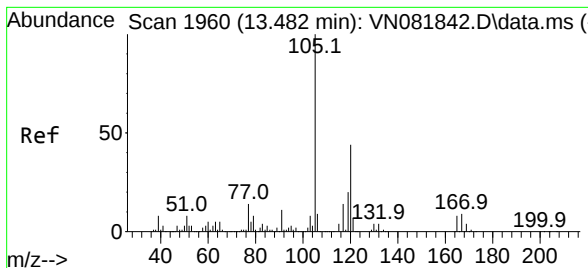
Tgt Ion:152 Resp: 155995
 Ion Ratio Lower Upper
 152 100
 115 65.4 30.4 91.3
 150 160.5 0.0 353.2



#80
 1,3,5-Trimethylbenzene
 Concen: 0.499 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081861.D
 Acq: 25 Apr 2024 19:28

Tgt Ion:105 Resp: 5861
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.8 74.3





#84

1,2,4-Trimethylbenzene

Concen: 0.986 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081861.D

Acq: 25 Apr 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

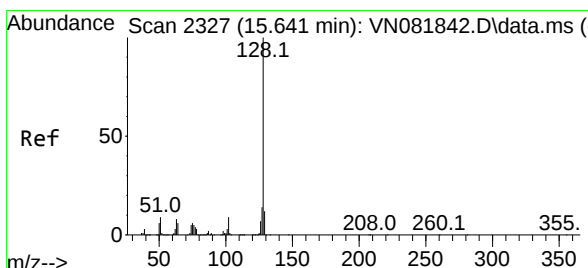
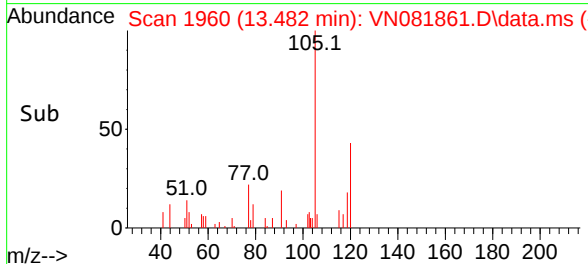
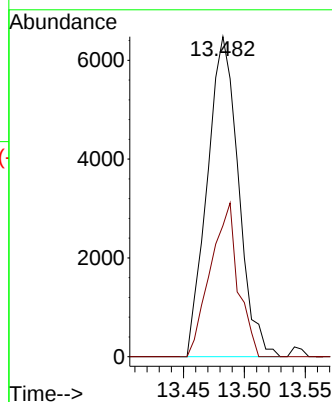
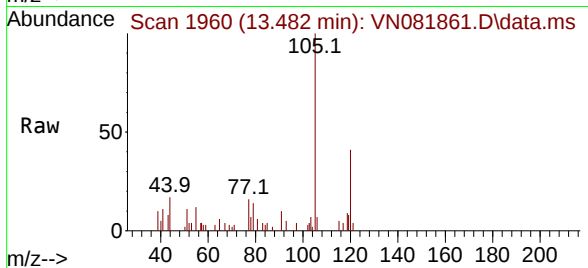
4524

Tgt Ion:105 Resp: 11558

Ion Ratio Lower Upper

105 100

120 42.6 22.9 68.7



#95

Naphthalene

Concen: 12.170 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081861.D

Acq: 25 Apr 2024 19:28

Tgt Ion:128 Resp: 133561

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 11.6 8.9 13.3

