

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081859.D
 Acq On : 25 Apr 2024 18:40
 Operator : JC\MD
 Sample : P2257-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 413C

Quant Time: Apr 26 05:39:53 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)

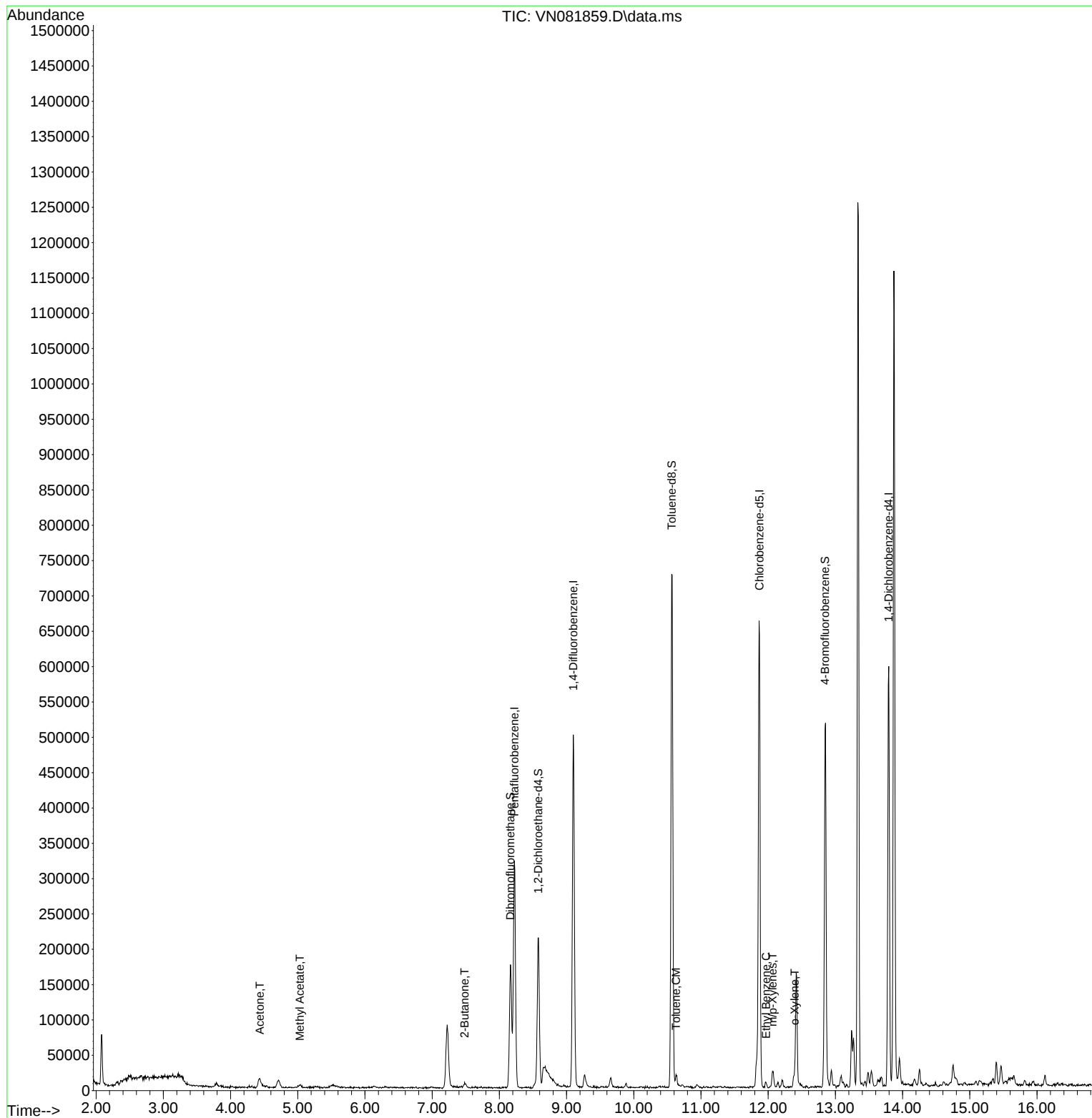
Internal Standards						
1) Pentafluorobenzene	8.224	168	217518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	364495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168862	45.997	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.000%
35) Dibromofluoromethane	8.165	113	124192	50.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	10.565	98	499749	51.525	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.847	95	187521	48.908	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.820%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	25418	18.348	ug/l #	88
18) Methyl Acetate	5.030	43	7085	1.905	ug/l	90
25) 2-Butanone	7.483	43	10494	5.036	ug/l #	73
52) Toluene	10.629	92	6373	0.882	ug/l	97
67) Ethyl Benzene	11.971	91	5295	0.358	ug/l #	73
68) m/p-Xylenes	12.065	106	7018	1.329	ug/l	86
69) o-Xylene	12.394	106	3329	0.646	ug/l	79

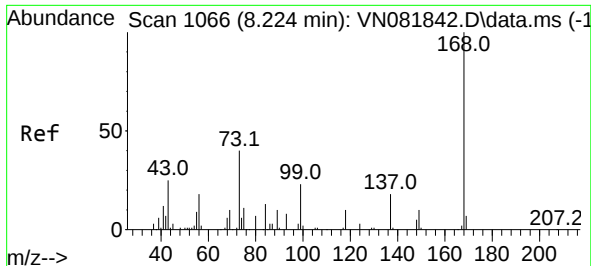
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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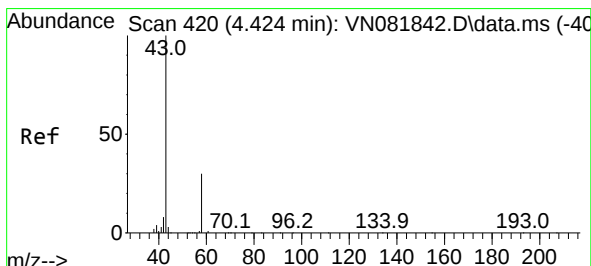
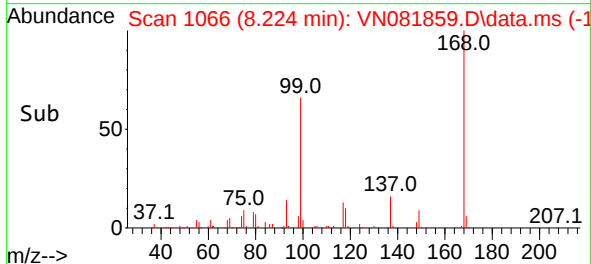
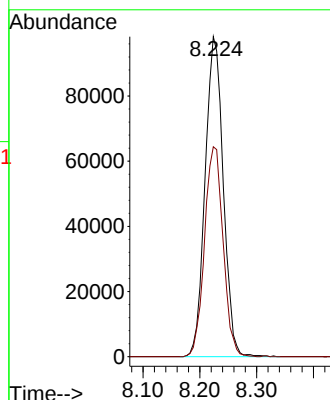
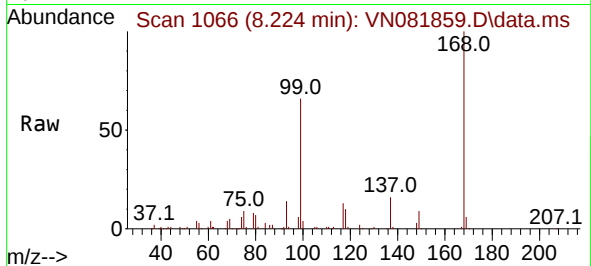




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

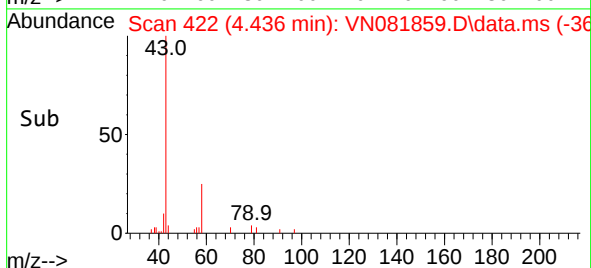
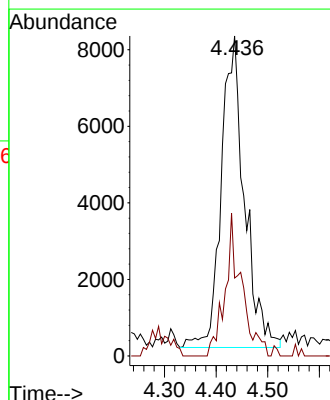
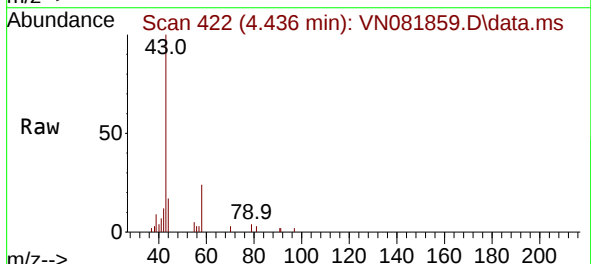
Instrument :
MSVOA_N
ClientSampleId :
413C

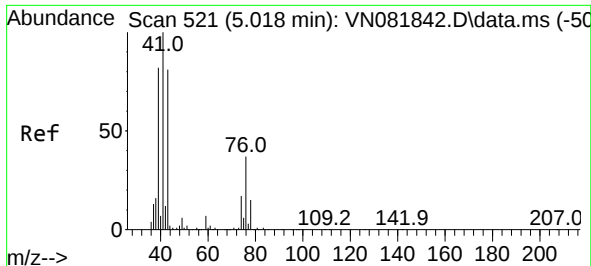
Tgt Ion:168 Resp: 217518
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4



#16
Acetone
Concen: 18.348 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

Tgt Ion: 43 Resp: 25418
Ion Ratio Lower Upper
43 100
58 25.0 25.2 37.8#

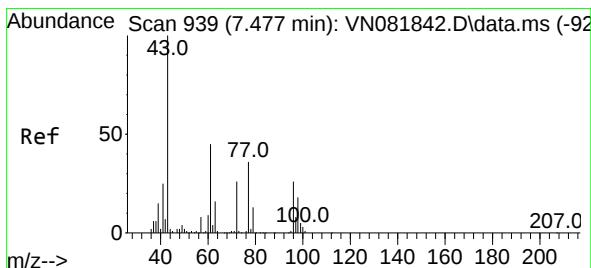
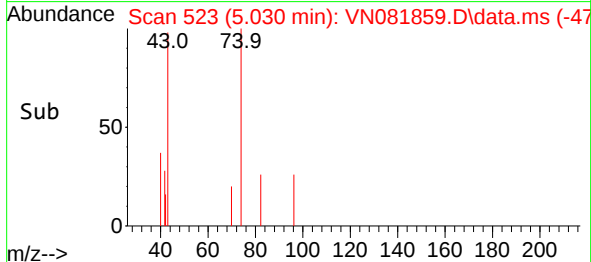
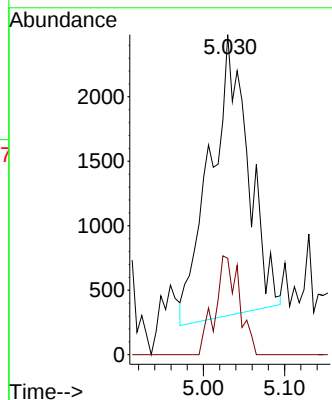
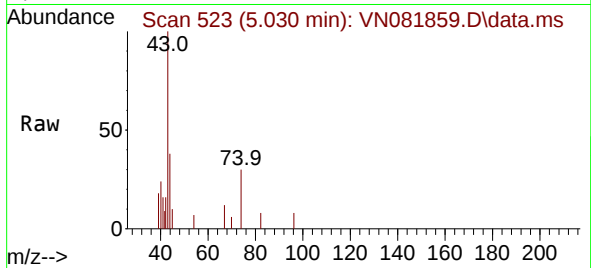




#18
Methyl Acetate
Concen: 1.905 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

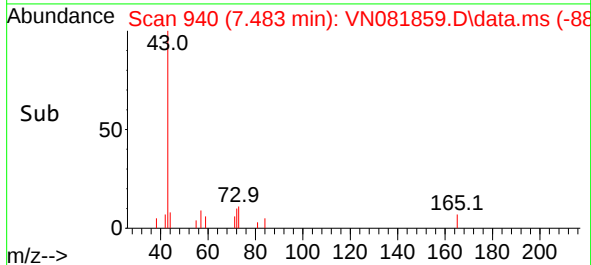
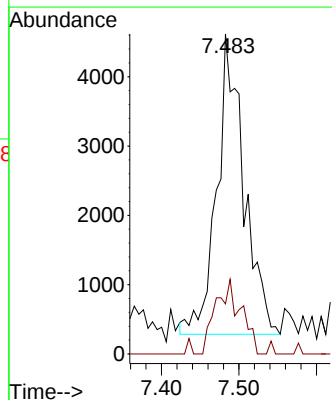
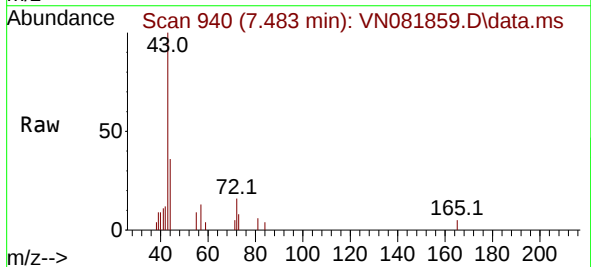
Instrument :
MSVOA_N
ClientSampleId :
413C

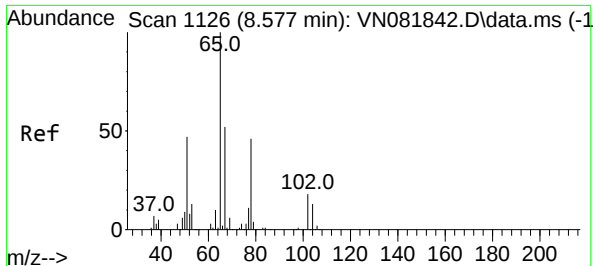
Tgt Ion: 43 Resp: 7085
Ion Ratio Lower Upper
43 100
74 22.3 22.2 33.2



#25
2-Butanone
Concen: 5.036 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

Tgt Ion: 43 Resp: 10494
Ion Ratio Lower Upper
43 100
72 16.7 25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 45.997 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081859.D

Acq: 25 Apr 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

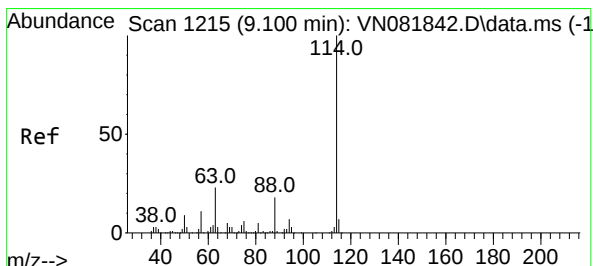
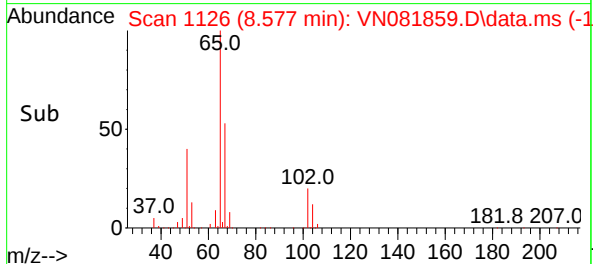
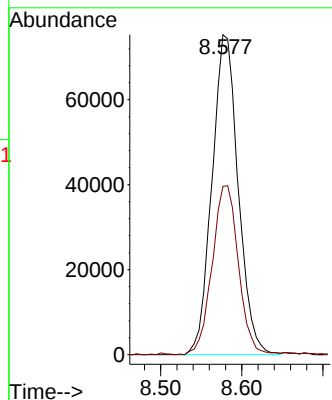
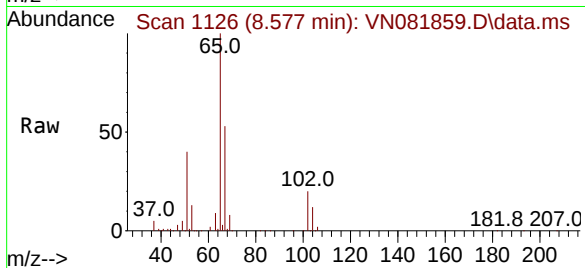
413C

Tgt Ion: 65 Resp: 168862

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081859.D

Acq: 25 Apr 2024 18:40

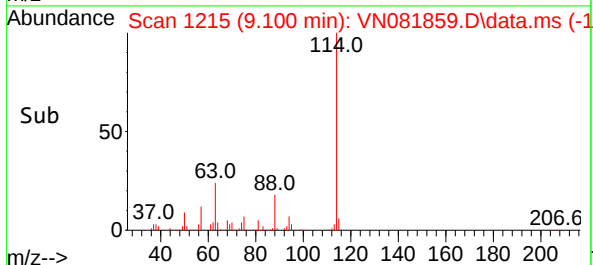
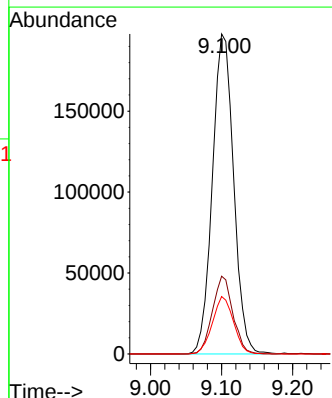
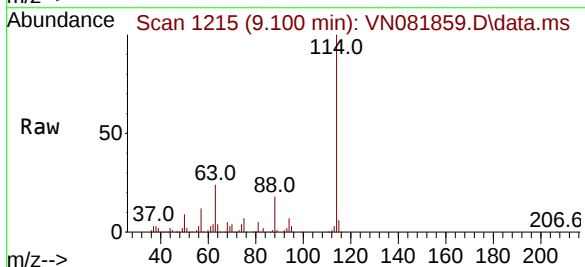
Tgt Ion: 114 Resp: 410173

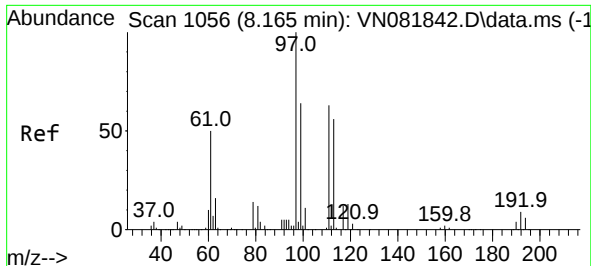
Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 18.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.288 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081859.D

Acq: 25 Apr 2024 18:40

Instrument :

MSVOA_N

ClientSampleId :

413C

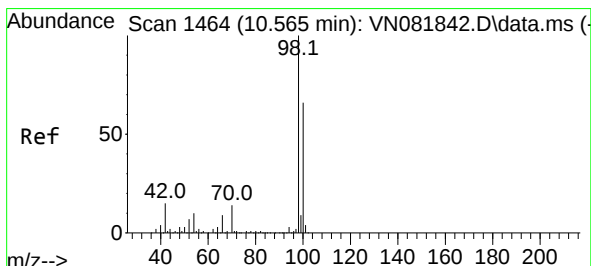
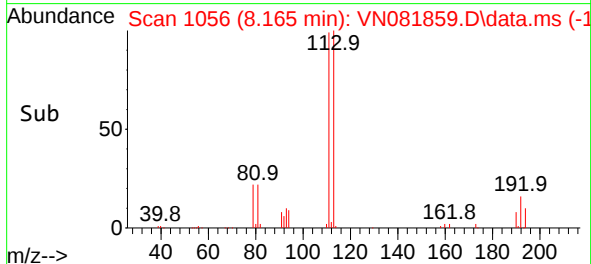
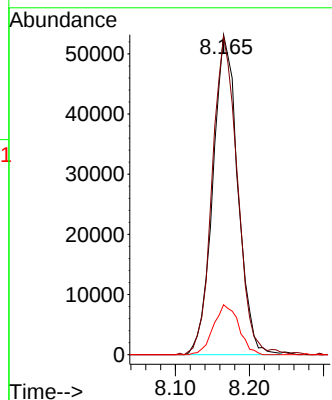
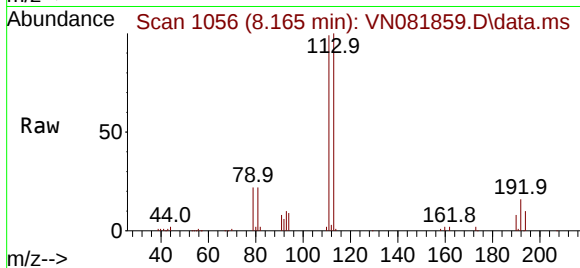
Tgt Ion:113 Resp: 124192

Ion Ratio Lower Upper

113 100

111 101.0 83.4 125.2

192 15.9 14.0 21.0



#50

Toluene-d8

Concen: 51.525 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081859.D

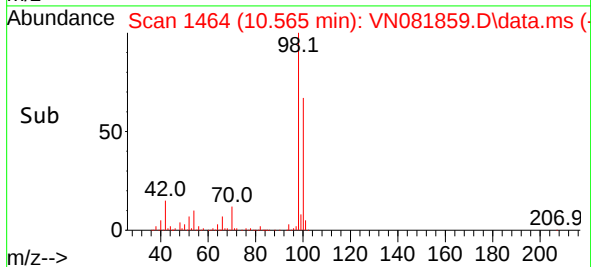
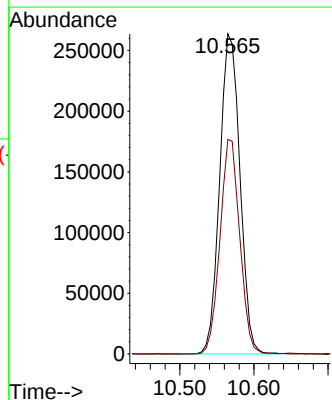
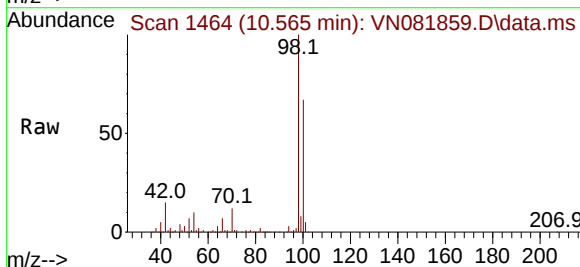
Acq: 25 Apr 2024 18:40

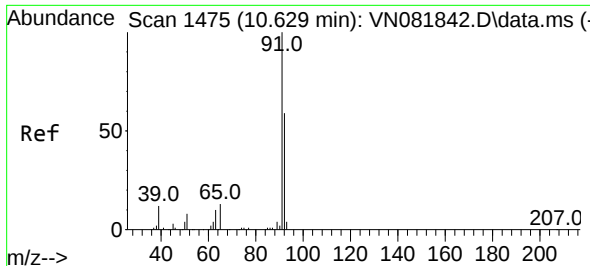
Tgt Ion: 98 Resp: 499749

Ion Ratio Lower Upper

98 100

100 65.5 51.8 77.6

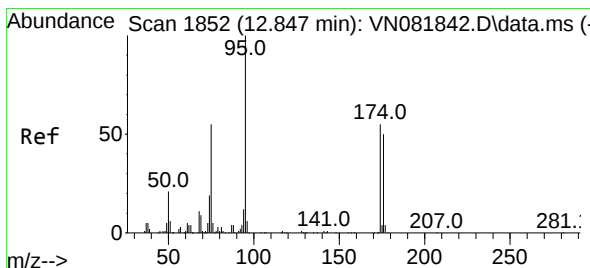
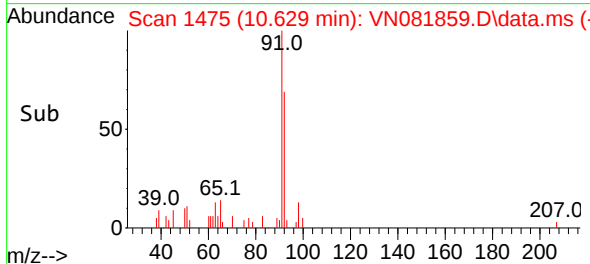
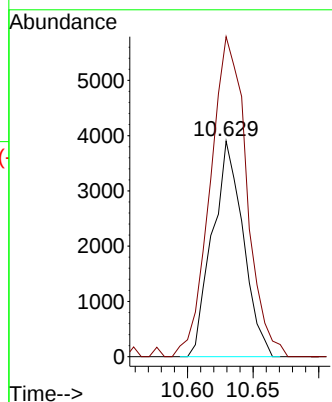
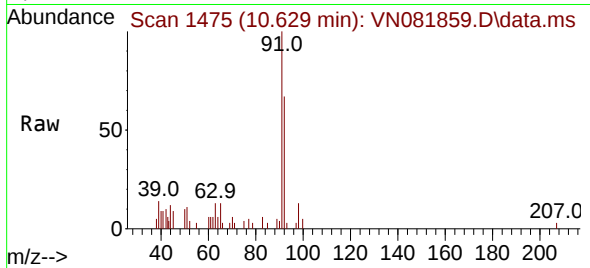




#52
Toluene
Concen: 0.882 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

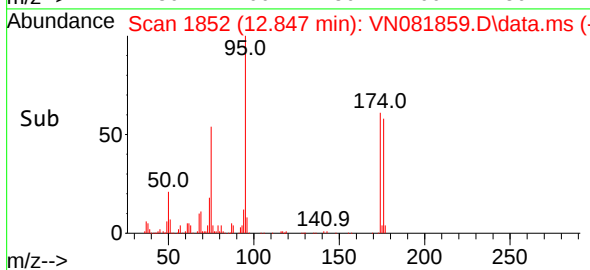
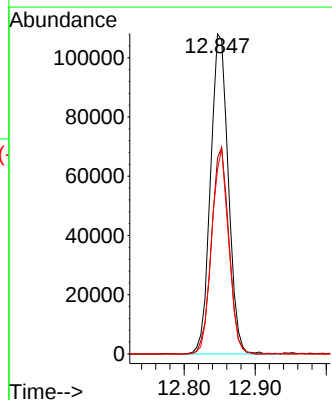
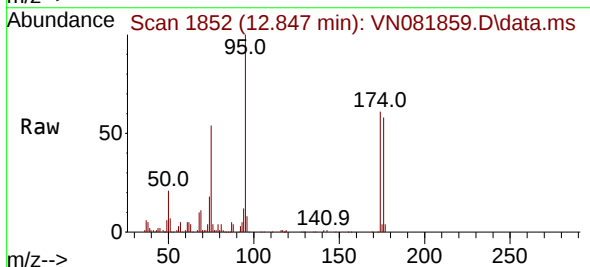
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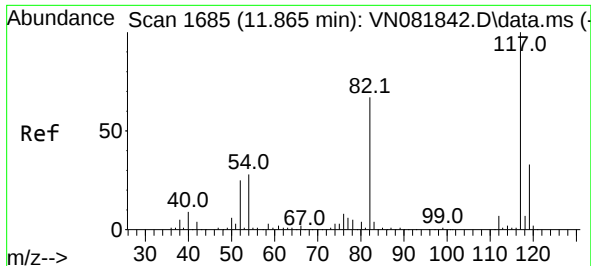
Tgt Ion: 92 Resp: 6373
Ion Ratio Lower Upper
92 100
91 175.3 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 48.908 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

Tgt Ion: 95 Resp: 187521
Ion Ratio Lower Upper
95 100
174 63.1 0.0 160.6
176 61.3 0.0 152.8

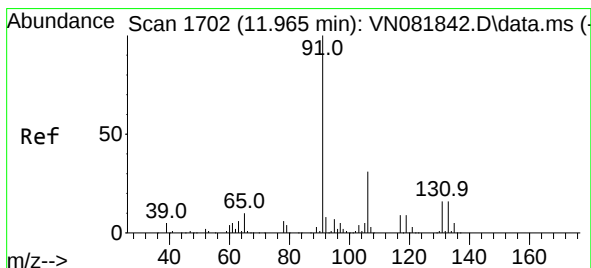
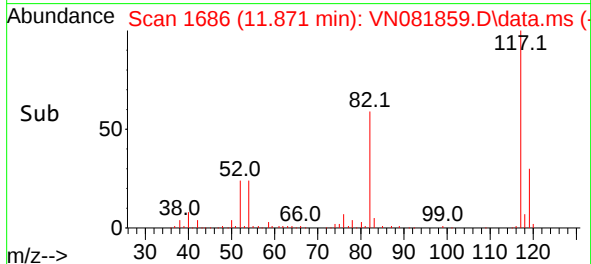
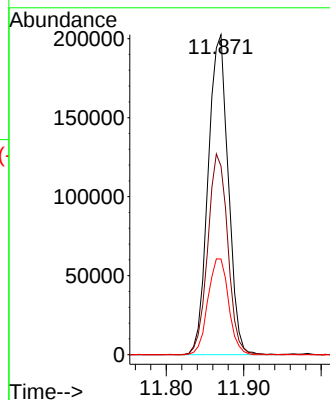
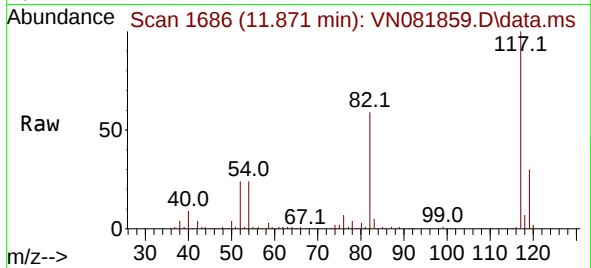




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

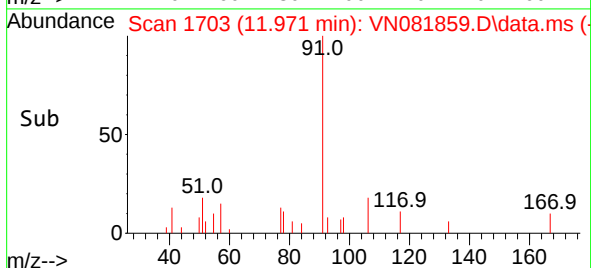
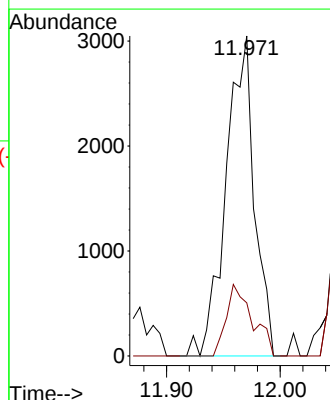
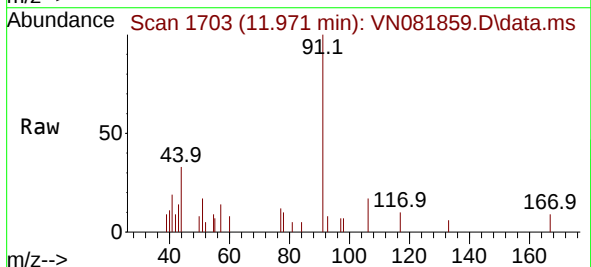
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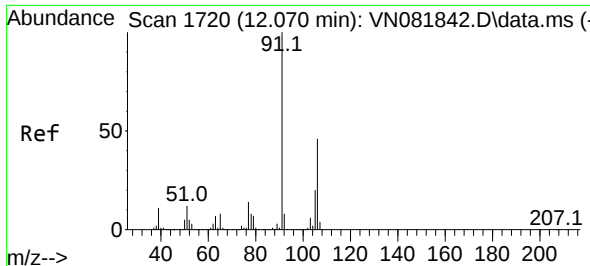
Tgt Ion:117 Resp: 364495
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 29.9 25.9 38.9



#67
Ethyl Benzene
Concen: 0.358 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

Tgt Ion: 91 Resp: 5295
Ion Ratio Lower Upper
91 100
106 16.6 25.3 37.9#

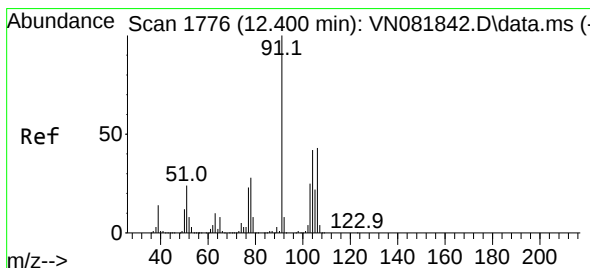
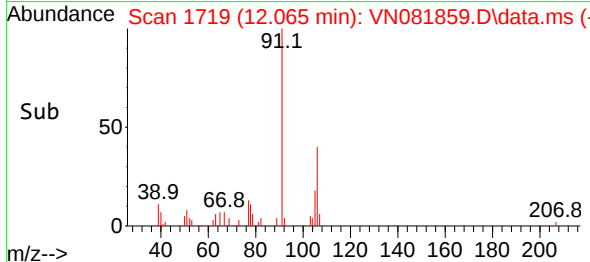
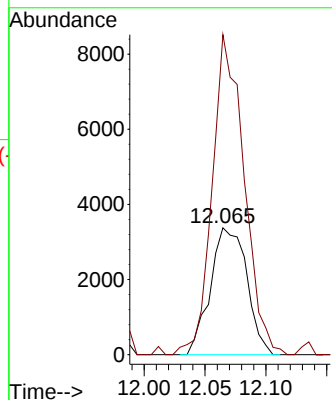
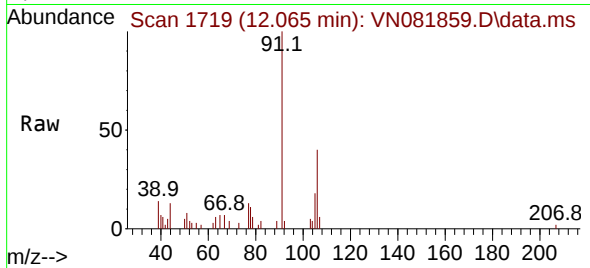




#68
m/p-Xylenes
Concen: 1.329 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

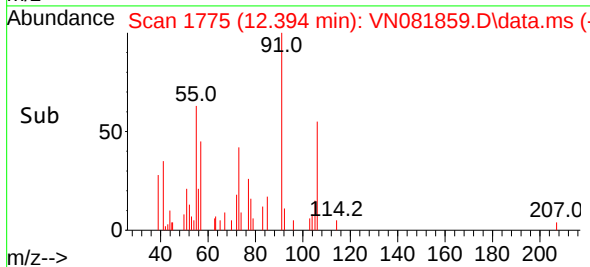
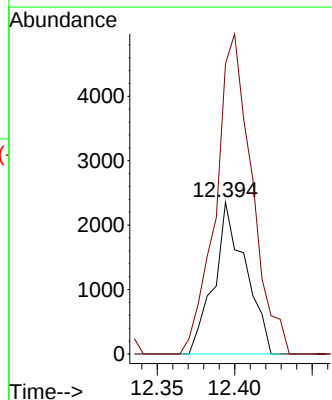
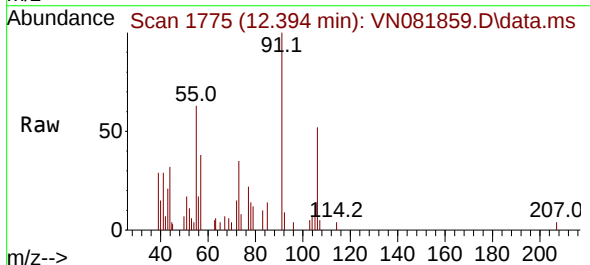
Instrument :
MSVOA_N
ClientSampleId :
413C

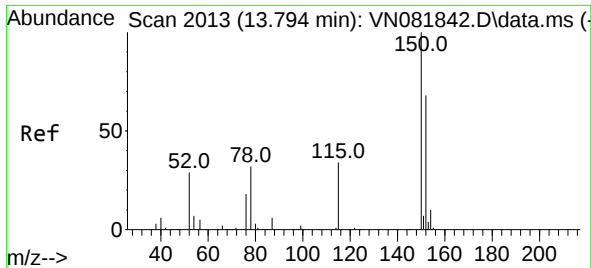
Tgt Ion:106 Resp: 7018
Ion Ratio Lower Upper
106 100
91 220.7 159.4 239.0



#69
o-Xylene
Concen: 0.646 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081859.D
Acq: 25 Apr 2024 18:40

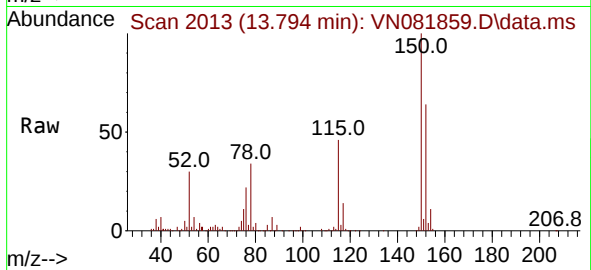
Tgt Ion:106 Resp: 3329
Ion Ratio Lower Upper
106 100
91 241.4 104.7 314.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081859.D
 Acq: 25 Apr 2024 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 413C



Tgt Ion:152 Resp: 150028
 Ion Ratio Lower Upper
 152 100
 115 67.0 30.4 91.3
 150 157.0 0.0 353.2

