

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081856.D
 Acq On : 25 Apr 2024 17:28
 Operator : JC\MD
 Sample : P2257-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 45A

Quant Time: Apr 26 05:38:33 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)

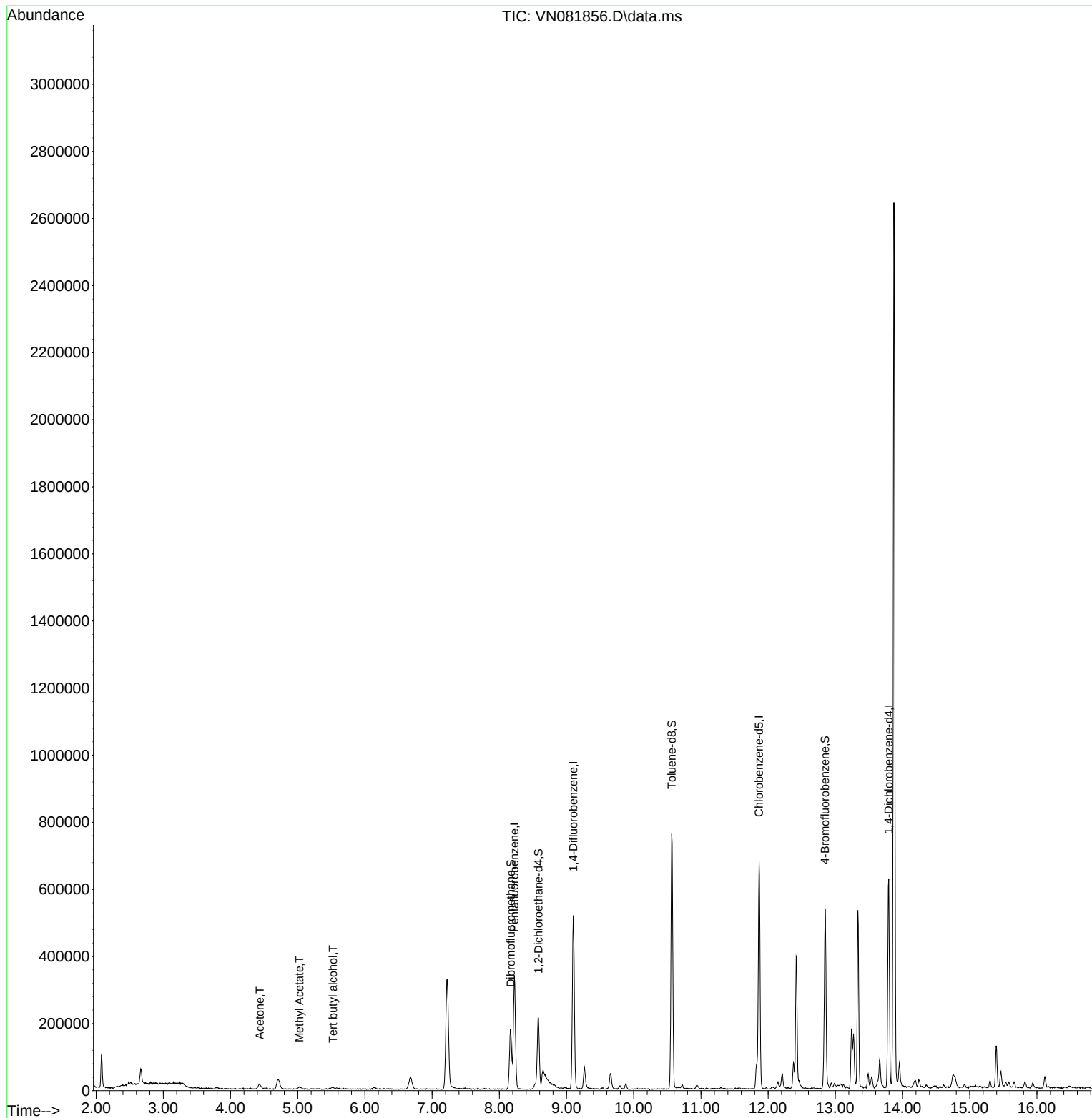
Internal Standards						
1) Pentafluorobenzene	8.224	168	222455	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	422572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175518	46.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.500%
35) Dibromofluoromethane	8.171	113	124663	48.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	10.565	98	514910	51.530	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.847	95	192475	48.728	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.460%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.524	59	9323	13.660	ug/l	# 92
16) Acetone	4.436	43	29383	21.468	ug/l	96
18) Methyl Acetate	5.024	43	12934	3.401	ug/l	# 88

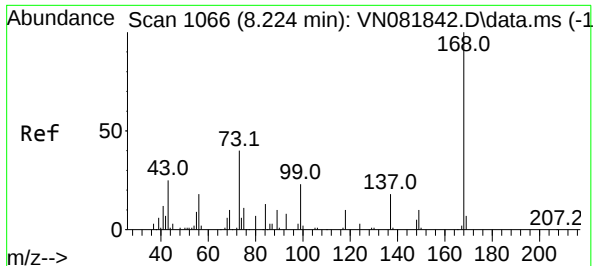
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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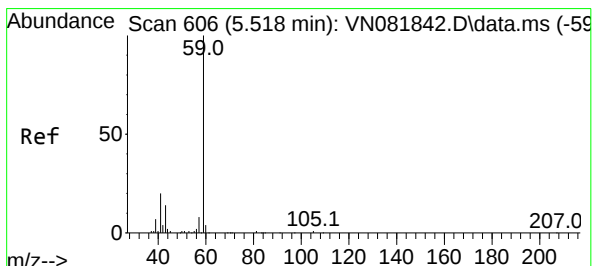
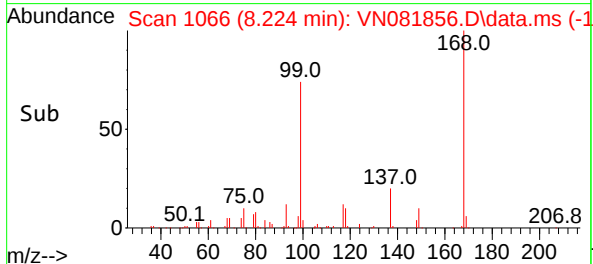
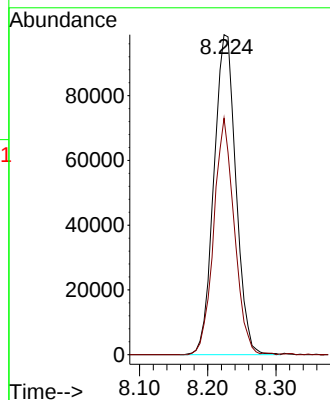
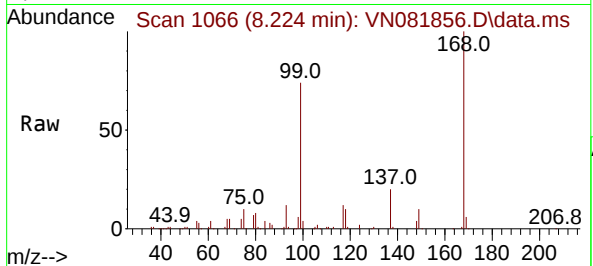




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

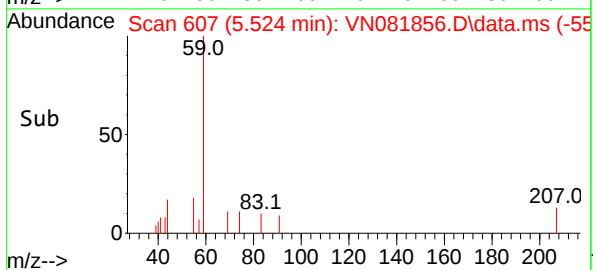
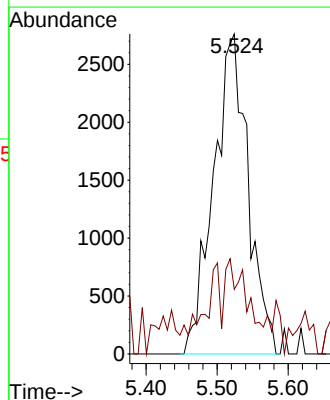
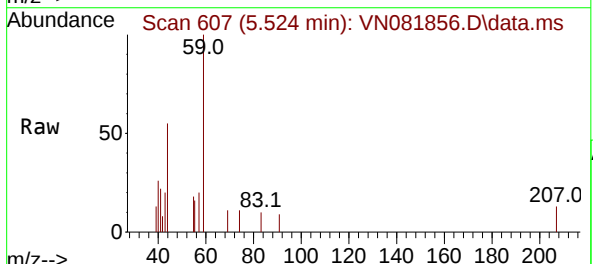
Instrument :
MSVOA_N
ClientSampleId :
45A

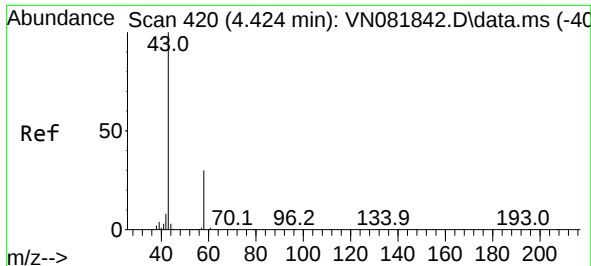
Tgt Ion:168 Resp: 222455
Ion Ratio Lower Upper
168 100
99 73.9 48.2 72.4#



#11
Tert butyl alcohol
Concen: 13.660 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 59 Resp: 9323
Ion Ratio Lower Upper
59 100
57 14.1 8.9 13.3#

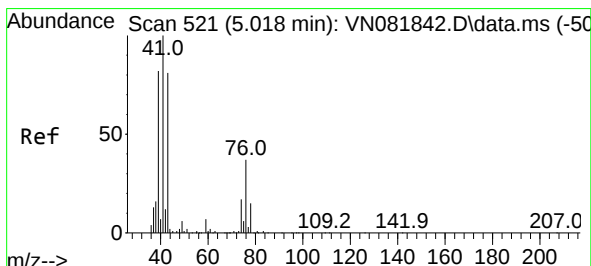
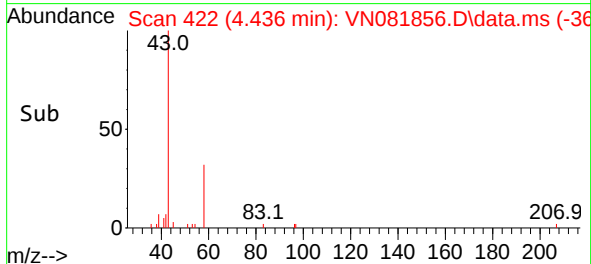
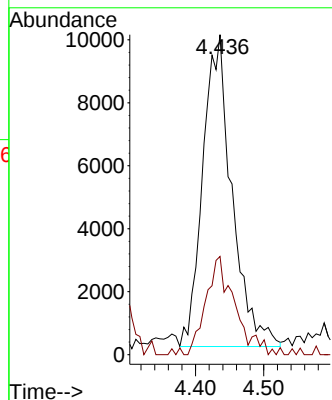
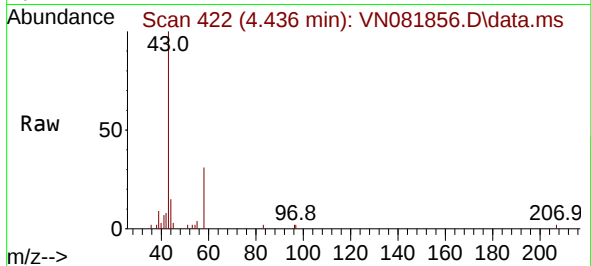




#16
Acetone
Concen: 21.468 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

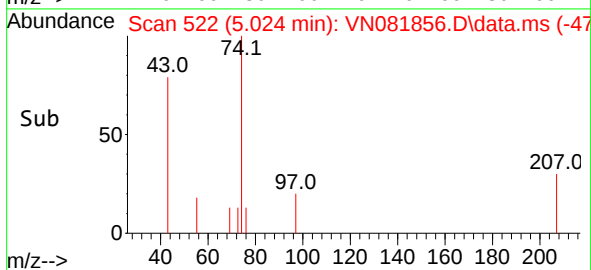
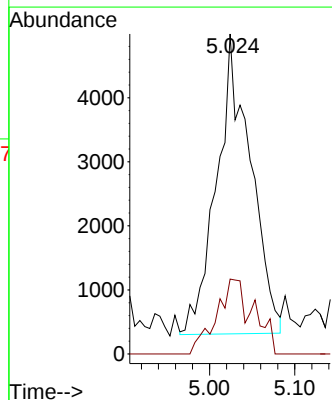
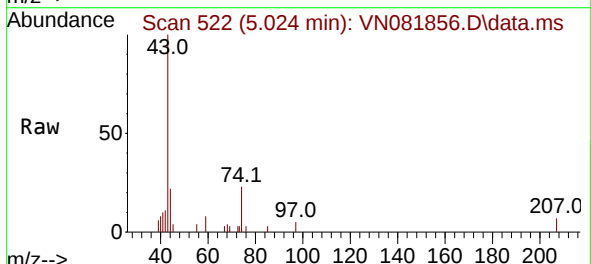
Instrument :
MSVOA_N
ClientSampleId :
45A

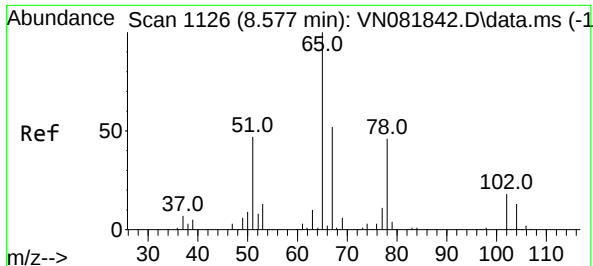
Tgt Ion: 43 Resp: 29383
Ion Ratio Lower Upper
43 100
58 29.4 25.2 37.8



#18
Methyl Acetate
Concen: 3.401 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 43 Resp: 12934
Ion Ratio Lower Upper
43 100
74 21.3 22.2 33.2#





#33

1,2-Dichloroethane-d4

Concen: 46.749 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081856.D

Acq: 25 Apr 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

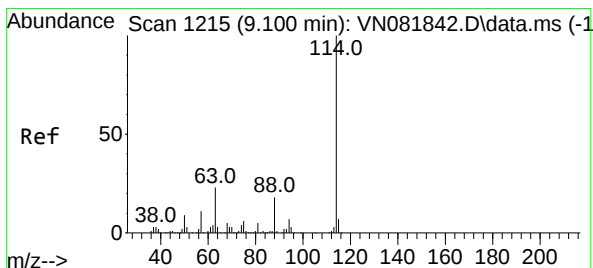
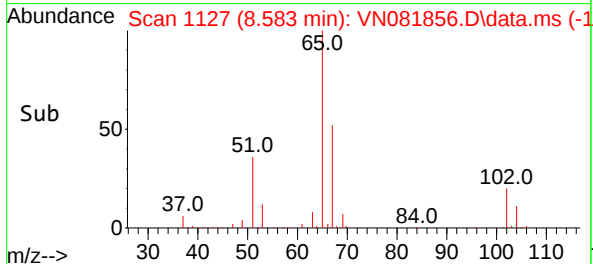
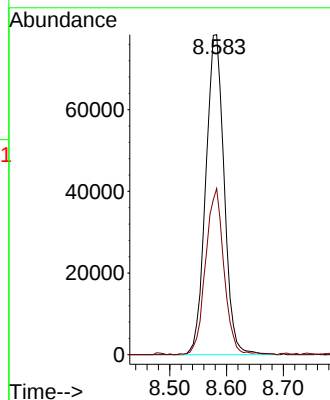
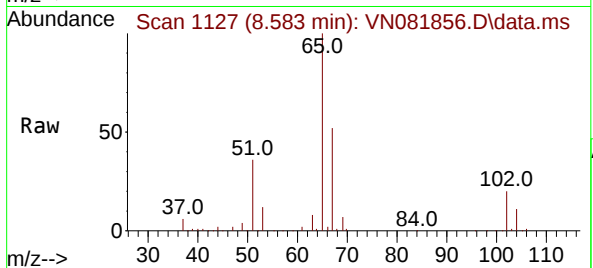
45A

Tgt Ion: 65 Resp: 175518

Ion Ratio Lower Upper

65 100

67 52.2 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: VN081856.D

Acq: 25 Apr 2024 17:28

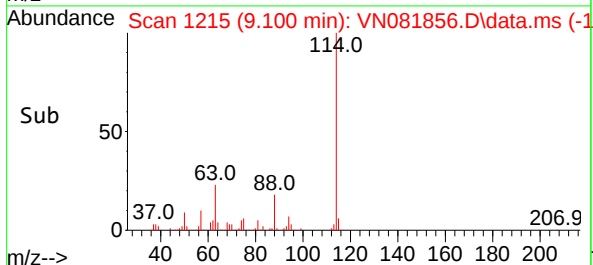
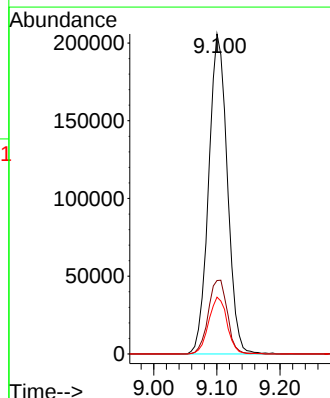
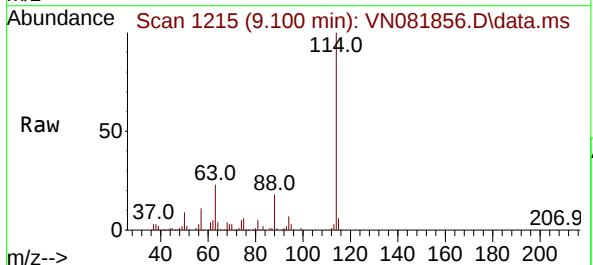
Tgt Ion: 114 Resp: 422572

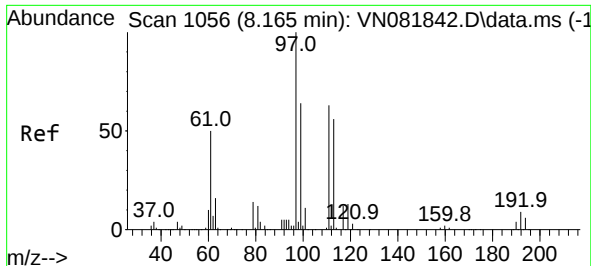
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 17.7 0.0 31.4

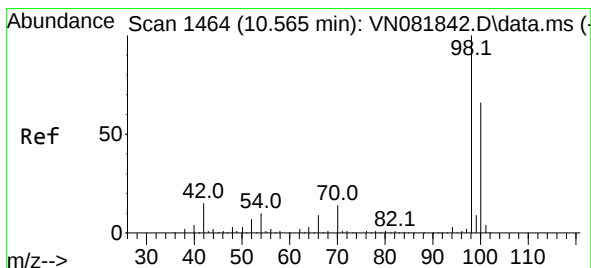
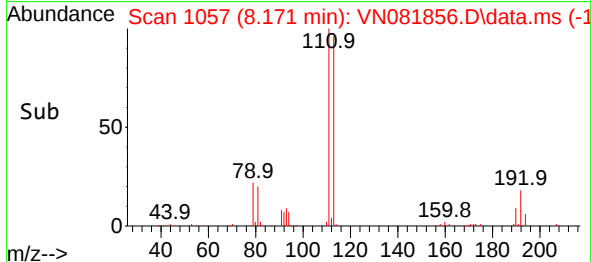
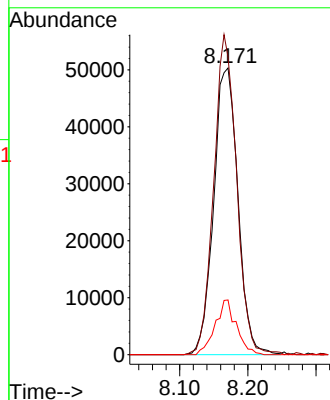
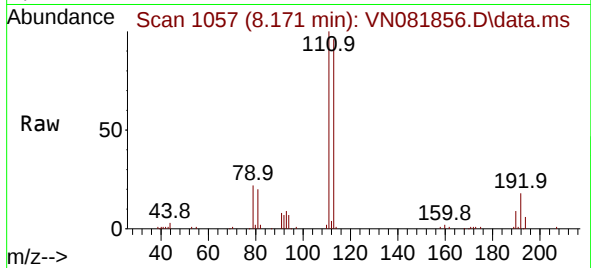




#35
Dibromofluoromethane
Concen: 48.998 ug/l
RT: 8.171 min Scan# 113
Delta R.T. 0.006 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

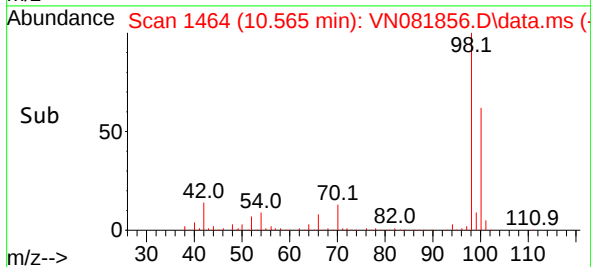
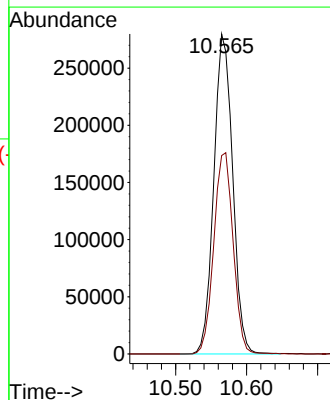
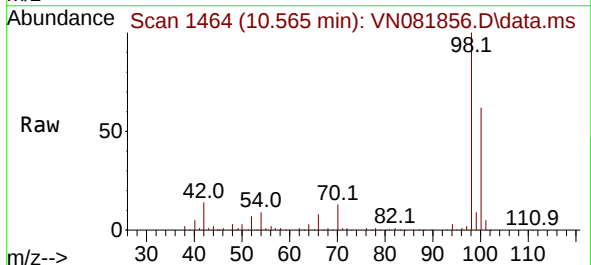
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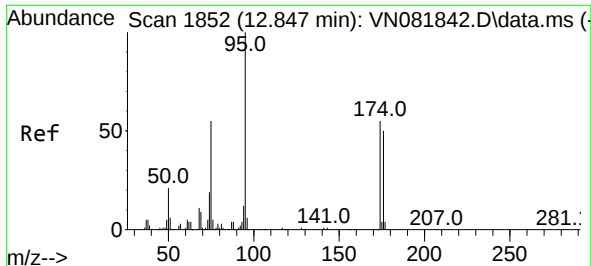
Tgt Ion:113 Resp: 124663
Ion Ratio Lower Upper
113 100
111 105.1 83.4 125.2
192 16.7 14.0 21.0



#50
Toluene-d8
Concen: 51.530 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

Tgt Ion: 98 Resp: 514910
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

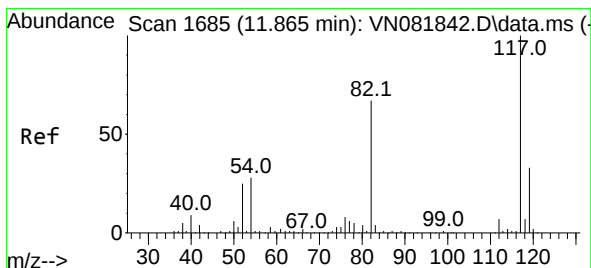
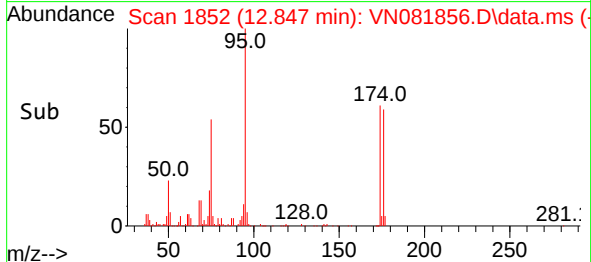
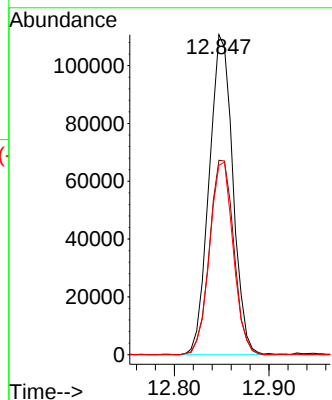
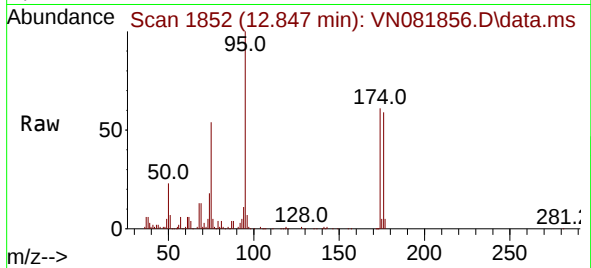




#62
4-Bromofluorobenzene
Concen: 48.728 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

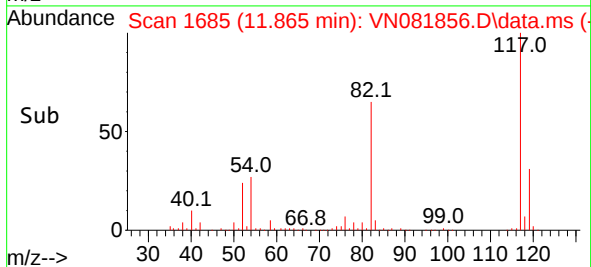
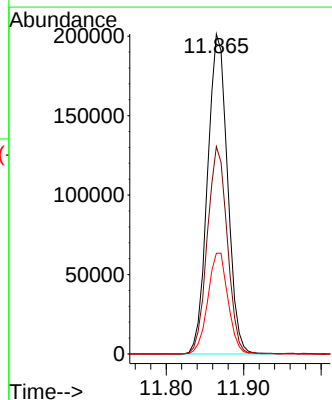
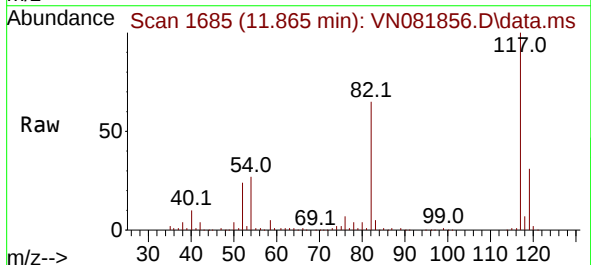
Instrument :
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ClientSampleId :
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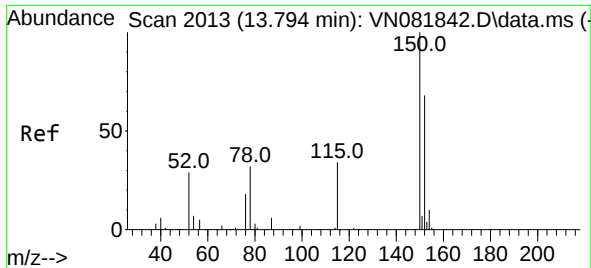
Tgt Ion: 95 Resp: 192475
Ion Ratio Lower Upper
95 100
174 62.4 0.0 160.6
176 60.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081856.D
Acq: 25 Apr 2024 17:28

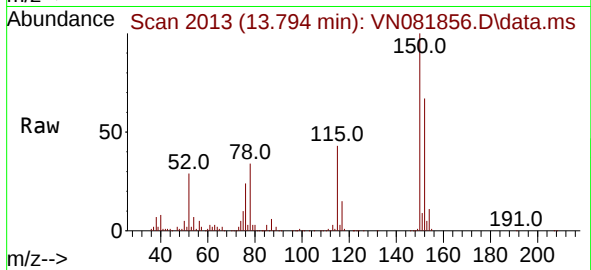
Tgt Ion: 117 Resp: 360394
Ion Ratio Lower Upper
117 100
82 64.8 44.6 66.8
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081856.D
 Acq: 25 Apr 2024 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 45A



Tgt Ion:152 Resp: 148303

Ion	Ratio	Lower	Upper
152	100		
115	70.7	30.4	91.3
150	162.1	0.0	353.2

