

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080638.D
 Acq On : 03 Jan 2024 14:32
 Operator : JC\MD
 Sample : PB158184ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158184ZHE#01

Quant Time: Jan 04 01:59:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

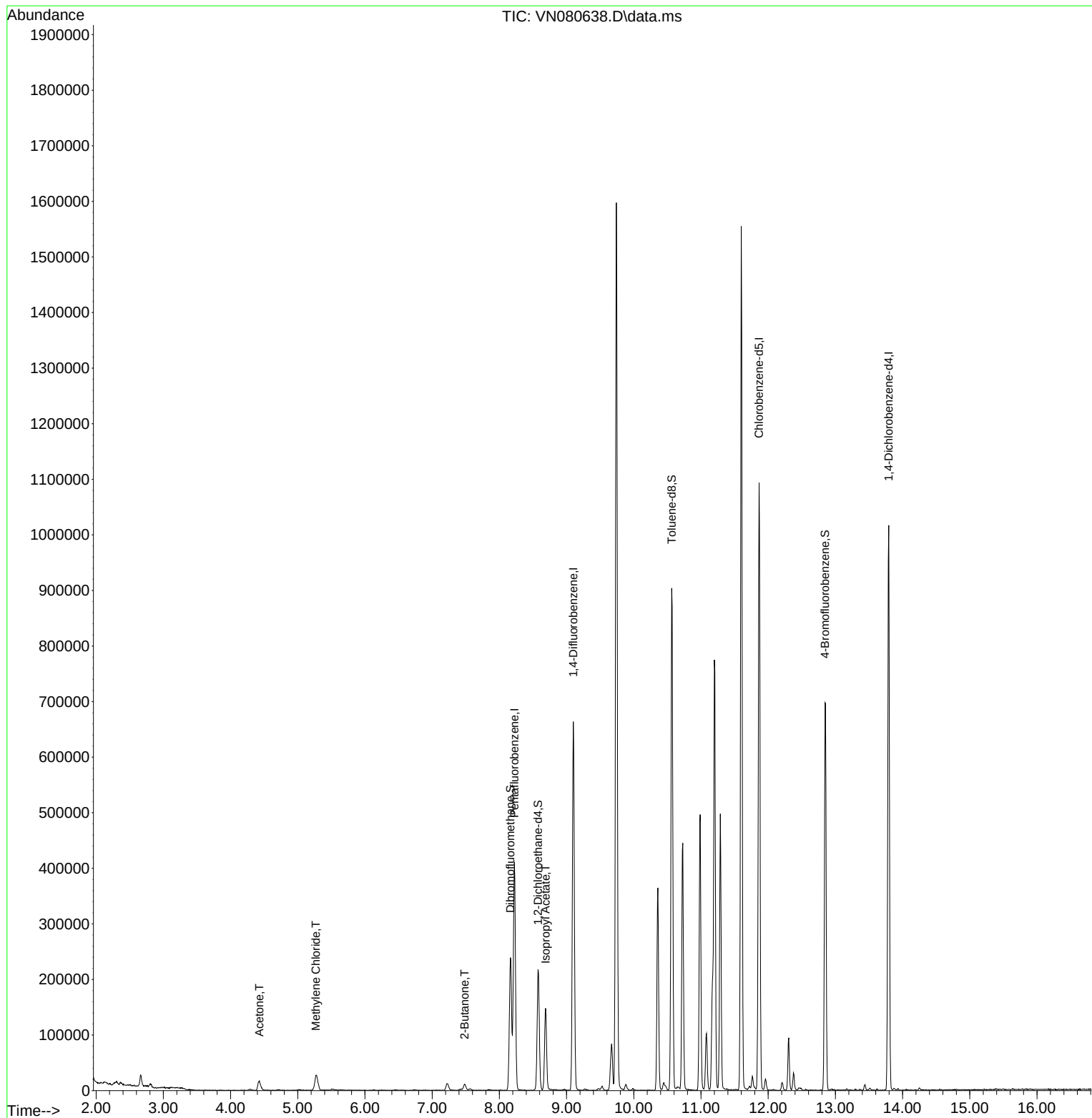
Internal Standards						
1) Pentafluorobenzene	8.224	168	297894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	579121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	645495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	281503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182150	47.669	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.340%
35) Dibromofluoromethane	8.165	113	172329	46.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	10.565	98	642624	49.140	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.847	95	265181	60.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.500%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	31819	30.633	ug/l	92
20) Methylene Chloride	5.271	84	23901	7.212	ug/l #	88
25) 2-Butanone	7.483	43	17832	9.185	ug/l	99
43) Isopropyl Acetate	8.688	43	160134	22.714	ug/l #	90

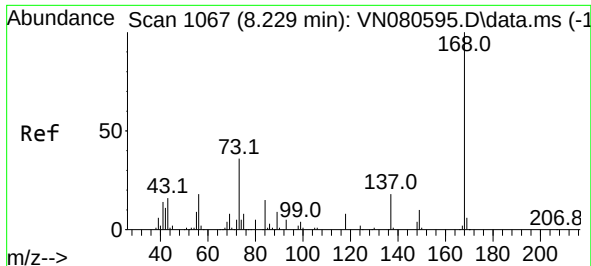
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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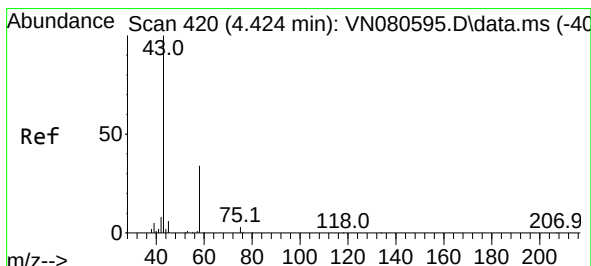
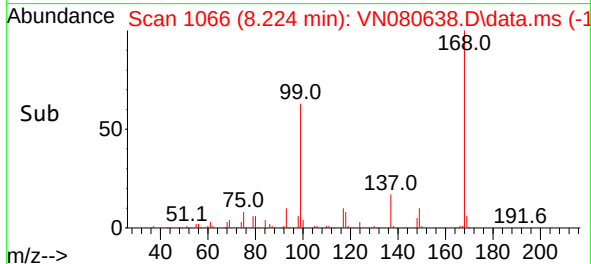
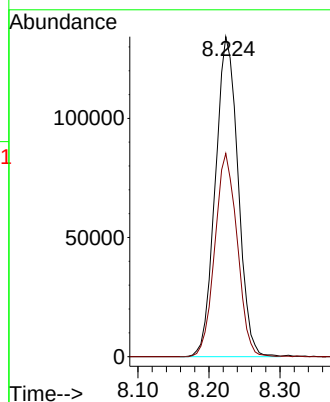
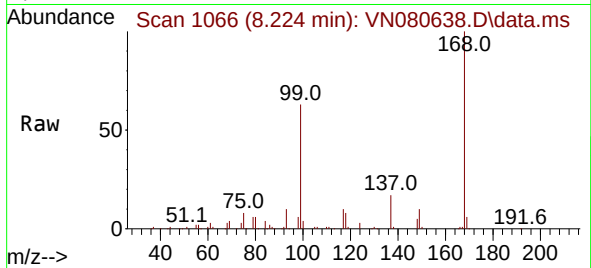




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

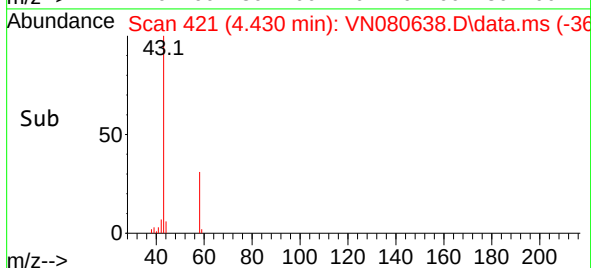
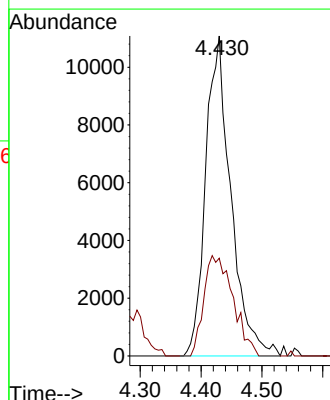
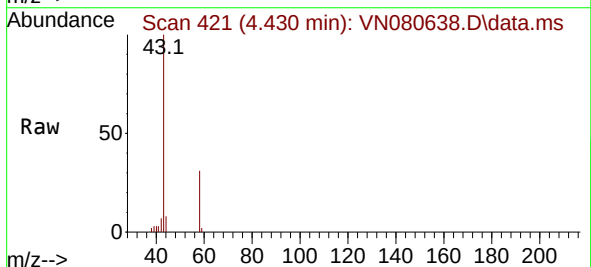
Instrument :
MSVOA_N
ClientSampleId :
PB158184ZHE#01

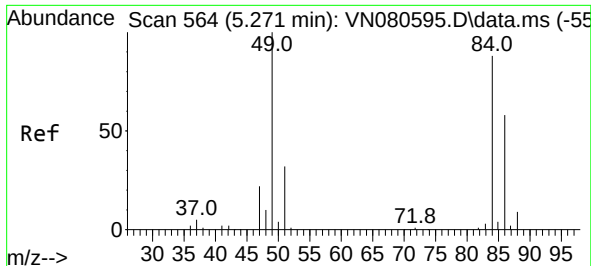
Tgt Ion:168 Resp: 297894
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#16
Acetone
Concen: 30.633 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

Tgt Ion: 43 Resp: 31819
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0

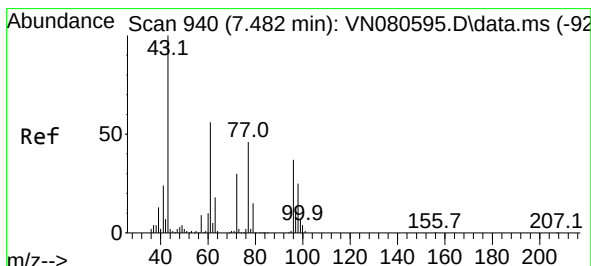
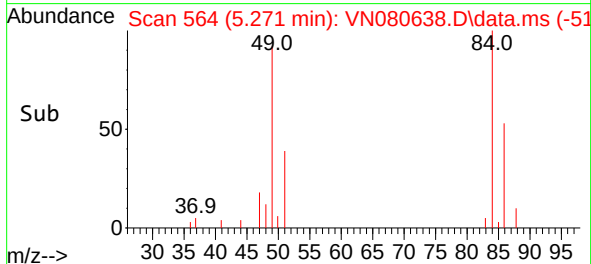
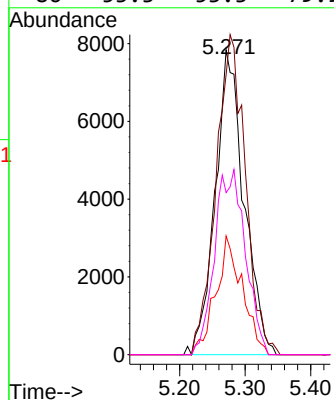
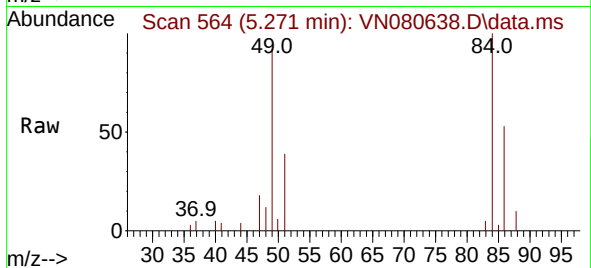




#20
Methylene Chloride
Concen: 7.212 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

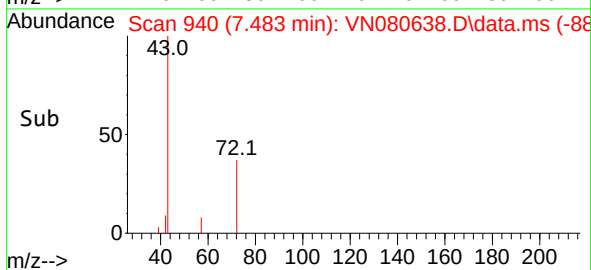
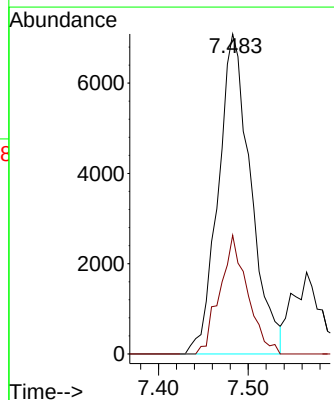
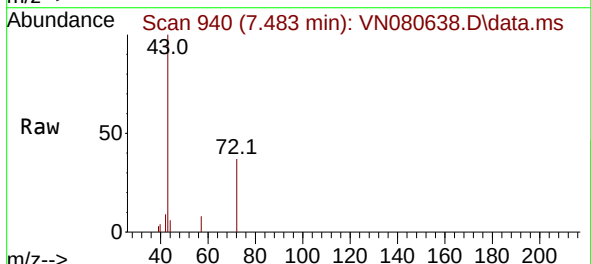
Instrument :
MSVOA_N
ClientSampleId :
PB158184ZHE#01

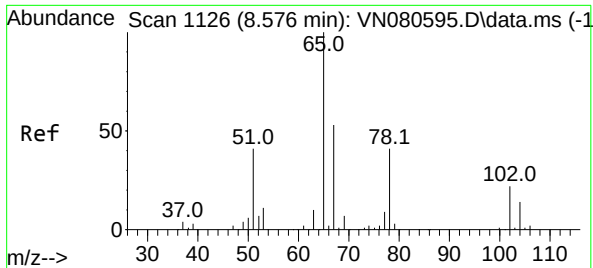
Tgt Ion:	84	Resp:	23901
Ion	Ratio	Lower	Upper
84	100		
49	92.0	79.7	119.5
51	39.0	25.2	37.8#
86	53.3	53.3	79.9#



#25
2-Butanone
Concen: 9.185 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

Tgt Ion:	43	Resp:	17832
Ion	Ratio	Lower	Upper
43	100		
72	37.1	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 47.669 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080638.D

Acq: 03 Jan 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :

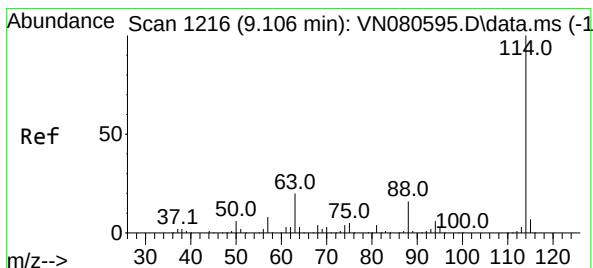
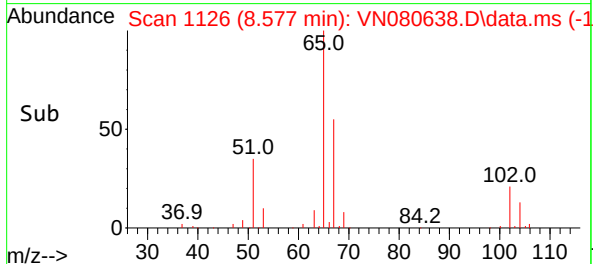
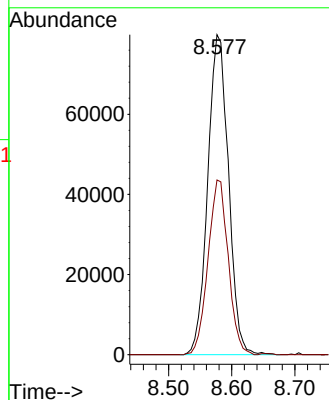
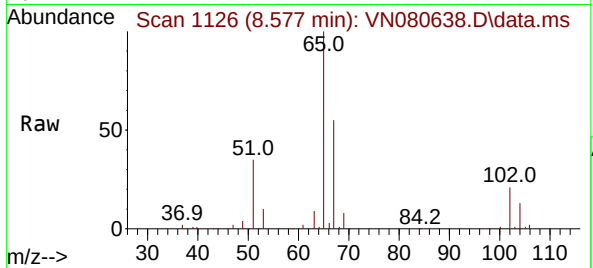
PB158184ZHE#01

Tgt Ion: 65 Resp: 182150

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080638.D

Acq: 03 Jan 2024 14:32

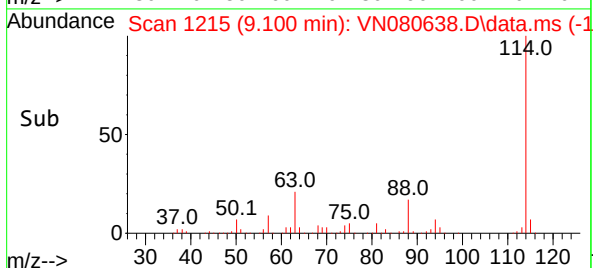
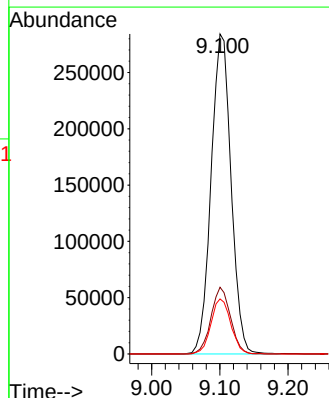
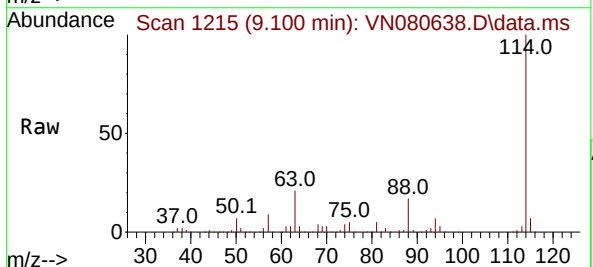
Tgt Ion: 114 Resp: 579121

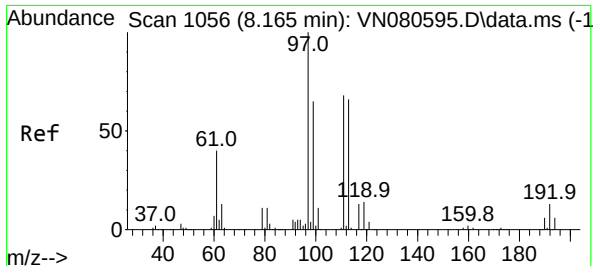
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.2 0.0 30.6

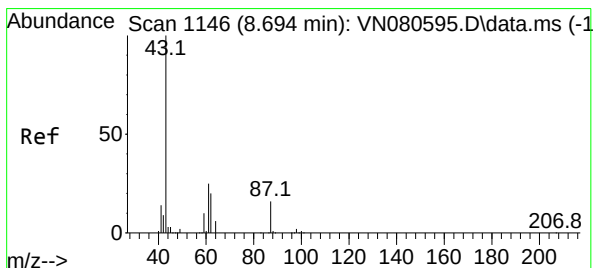
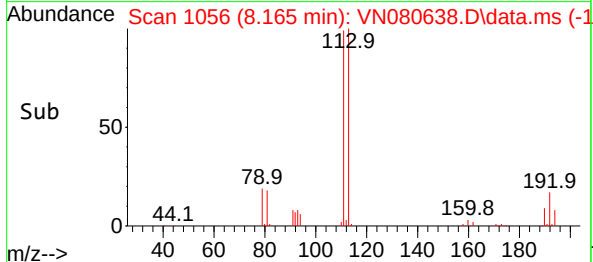
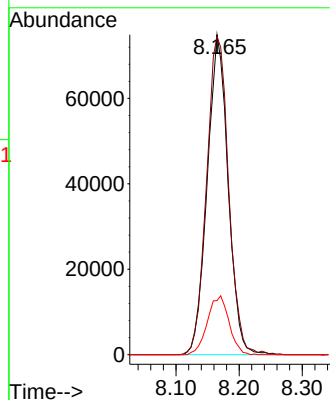
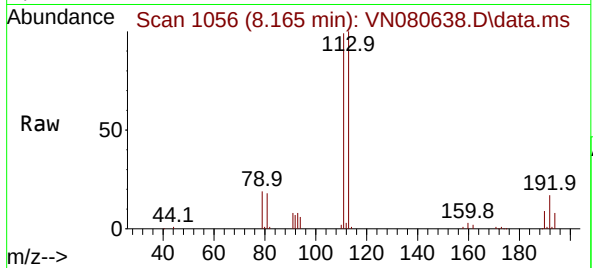




#35
Dibromofluoromethane
Concen: 46.010 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

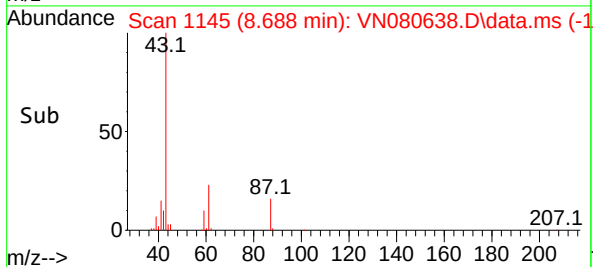
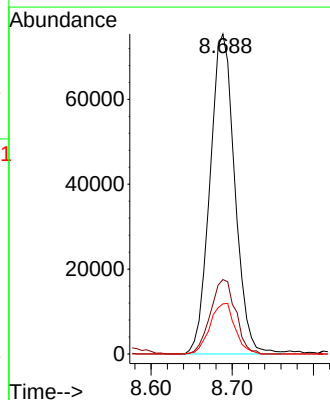
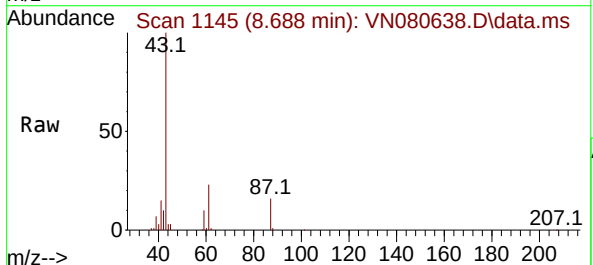
Instrument :
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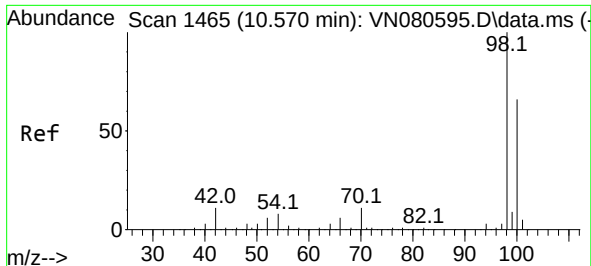
Tgt Ion:113 Resp: 172329
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 19.0 12.7 19.1



#43
Isopropyl Acetate
Concen: 22.714 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

Tgt Ion: 43 Resp: 160134
Ion Ratio Lower Upper
43 100
61 23.6 24.7 37.1#
87 15.9 14.6 21.8

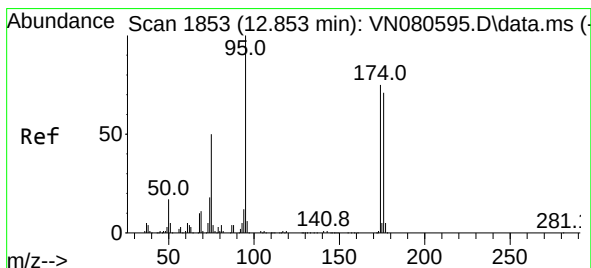
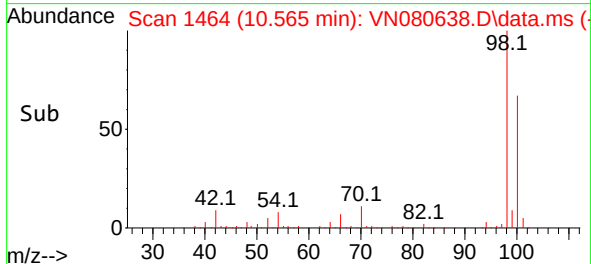
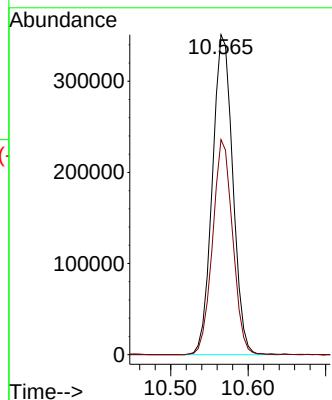
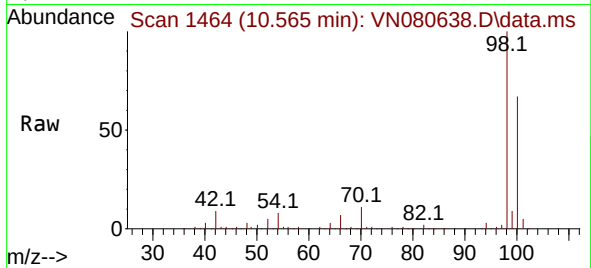




#50
Toluene-d8
Concen: 49.140 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

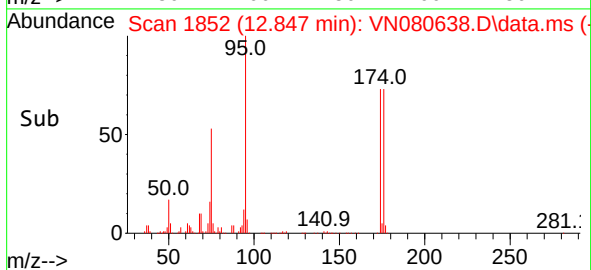
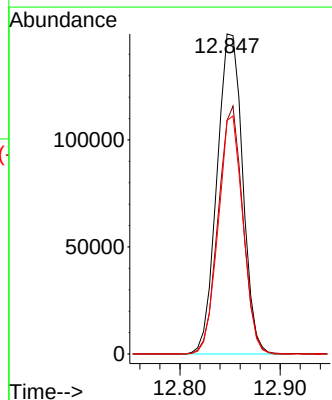
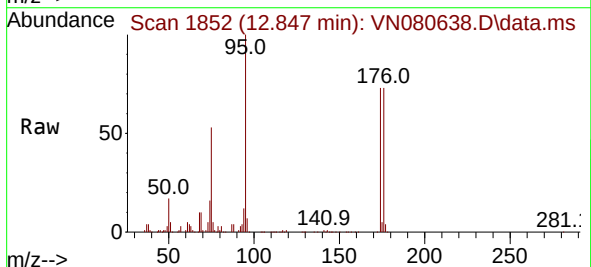
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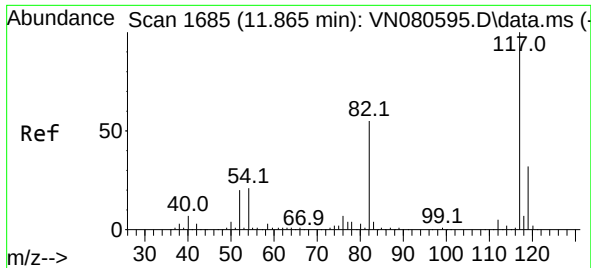
Tgt Ion: 98 Resp: 642624
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.252 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

Tgt Ion: 95 Resp: 265181
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 71.5 0.0 135.8

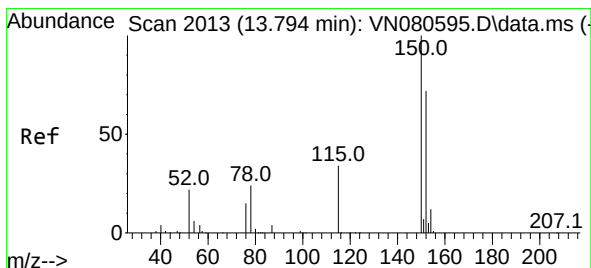
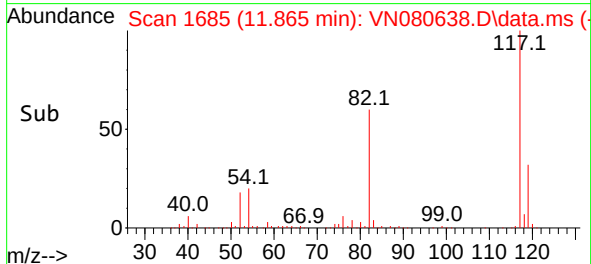
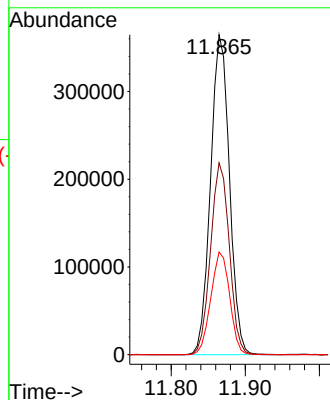
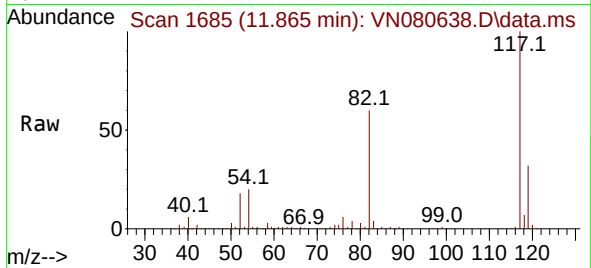




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

Instrument :
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Tgt Ion:117 Resp: 645495
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080638.D
Acq: 03 Jan 2024 14:32

Tgt Ion:152 Resp: 281503
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 157.0 0.0 355.8

