

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081589.D
 Acq On : 27 Mar 2024 16:45
 Operator : JC\MD
 Sample : PB159779ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159779ZHE#05

Quant Time: Mar 28 01:29:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

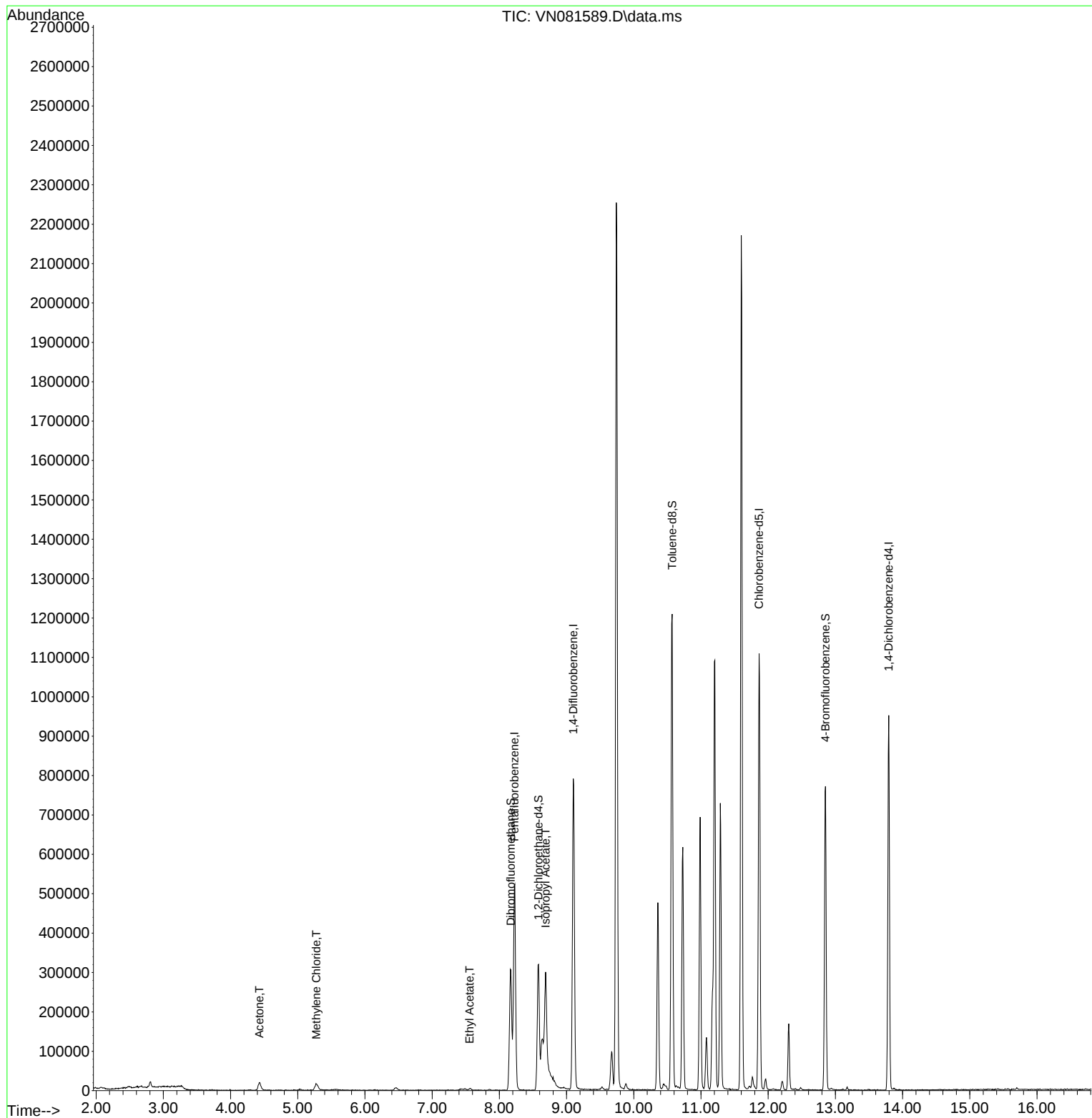
Internal Standards						
1) Pentafluorobenzene	8.224	168	368314	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	705148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	662816	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	261377	55.648	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.300%	
35) Dibromofluoromethane	8.171	113	222580	50.016	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.040%	
50) Toluene-d8	10.571	98	845741	52.573	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	105.140%	
62) 4-Bromofluorobenzene	12.853	95	270750	47.765	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	95.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	36086	23.773	ug/l	89
20) Methylene Chloride	5.277	84	13577	2.731	ug/l #	75
37) Ethyl Acetate	7.559	43	6785	1.058	ug/l #	95
43) Isopropyl Acetate	8.688	43	312842	29.430	ug/l #	89

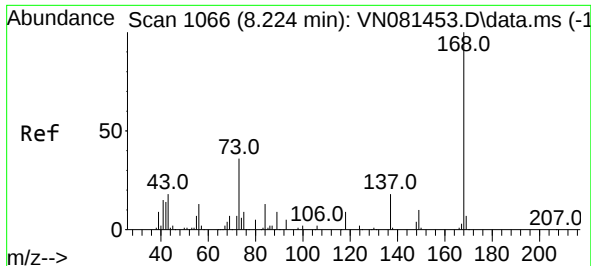
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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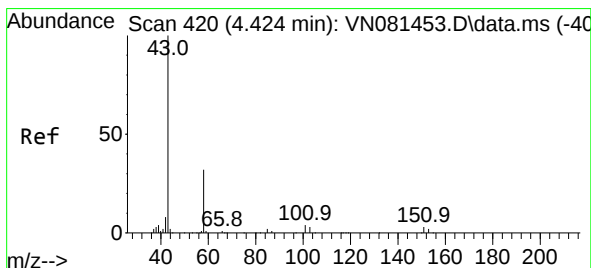
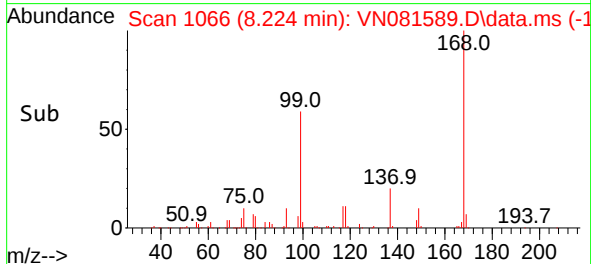
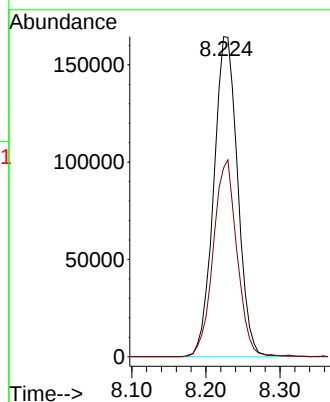
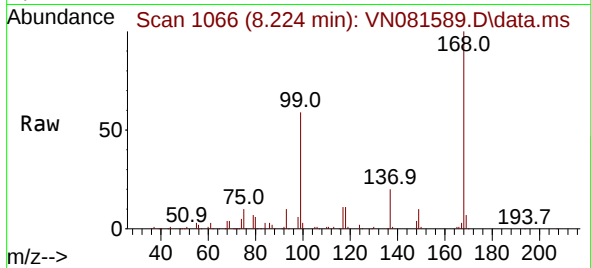




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

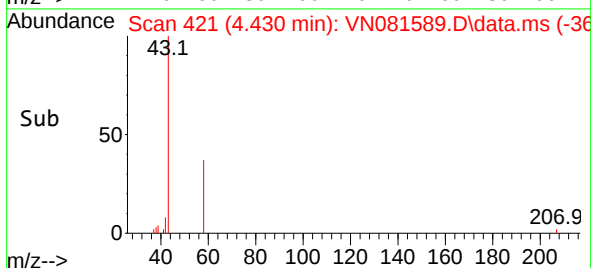
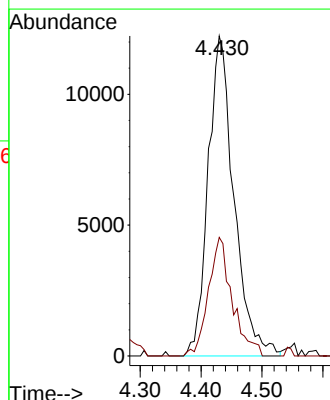
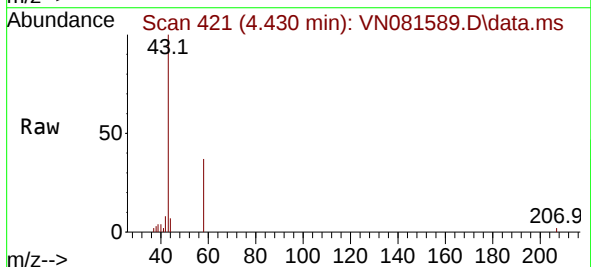
Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#05

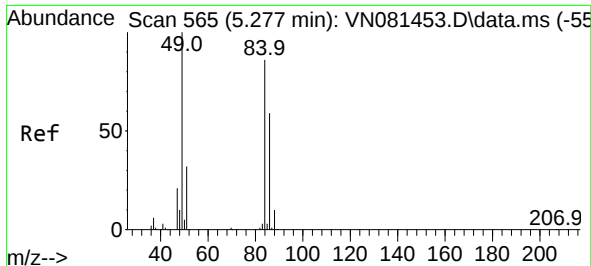
Tgt Ion:168 Resp: 368314
Ion Ratio Lower Upper
168 100
99 59.0 59.9 89.9#



#16
Acetone
Concen: 23.773 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

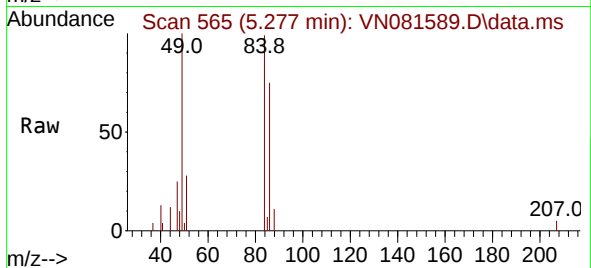
Tgt Ion: 43 Resp: 36086
Ion Ratio Lower Upper
43 100
58 37.0 24.8 37.2





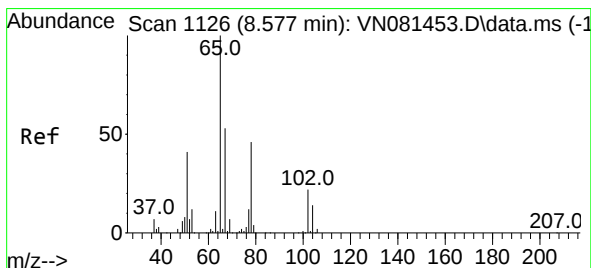
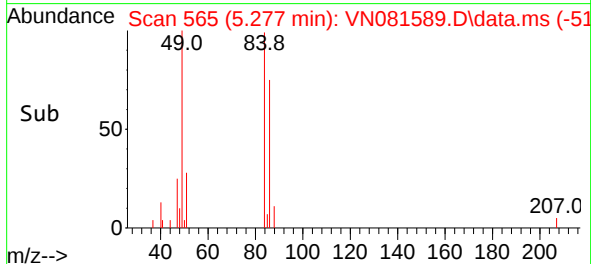
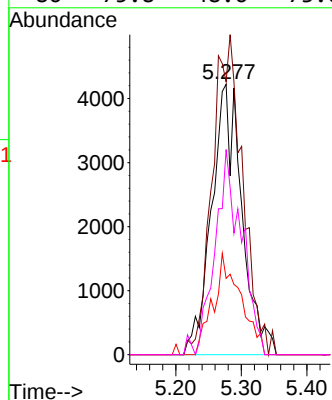
#20
Methylene Chloride
Concen: 2.731 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
PB159779ZHE#05



Tgt Ion: 84 Resp: 13577

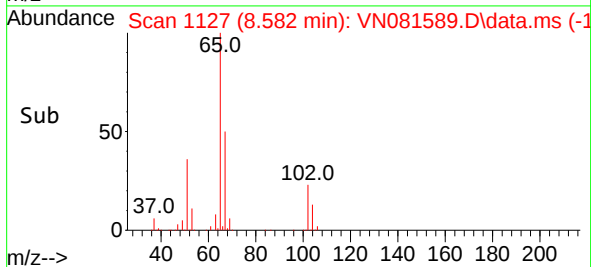
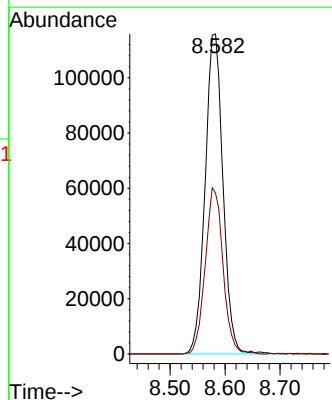
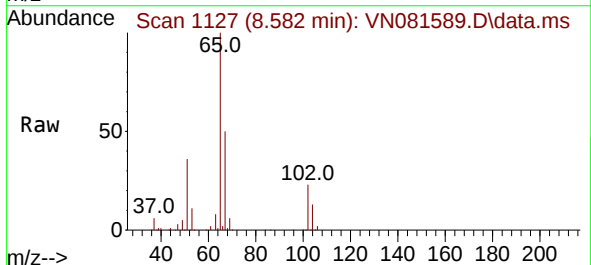
Ion	Ratio	Lower	Upper
84	100		
49	100.9	108.1	162.1#
51	28.2	32.9	49.3#
86	75.8	48.6	73.0#

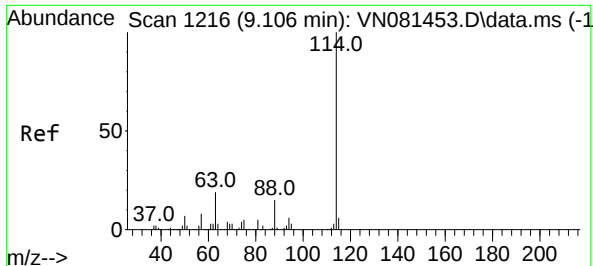


#33
1,2-Dichloroethane-d4
Concen: 55.648 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

Tgt Ion: 65 Resp: 261377

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081589.D

Acq: 27 Mar 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB159779ZHE#05

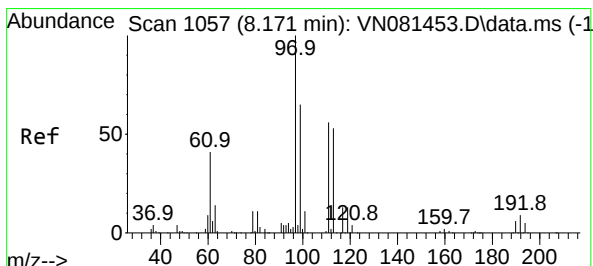
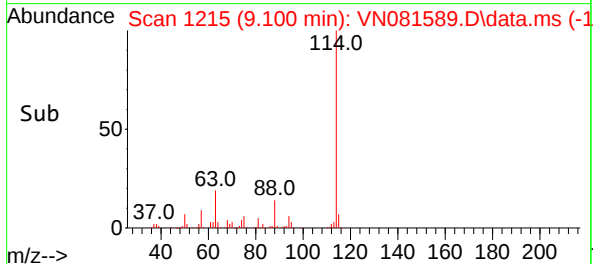
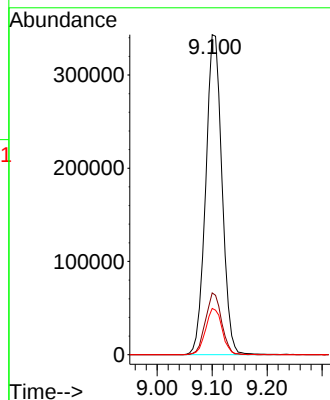
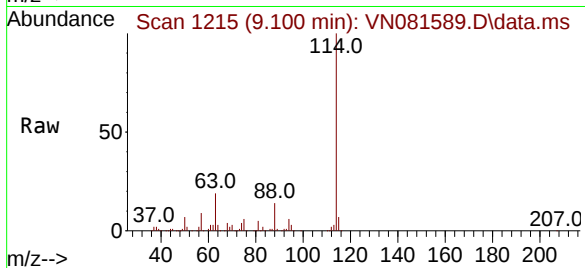
Tgt Ion:114 Resp: 705148

Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 14.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.016 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081589.D

Acq: 27 Mar 2024 16:45

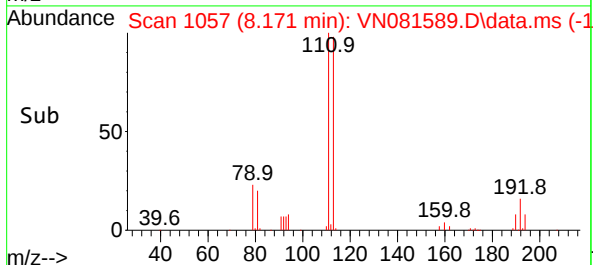
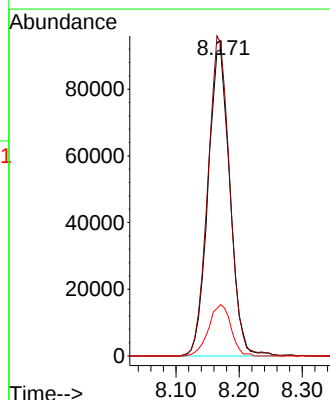
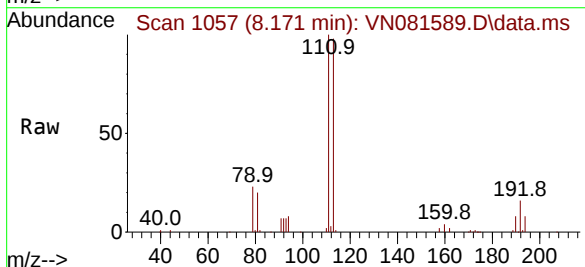
Tgt Ion:113 Resp: 222580

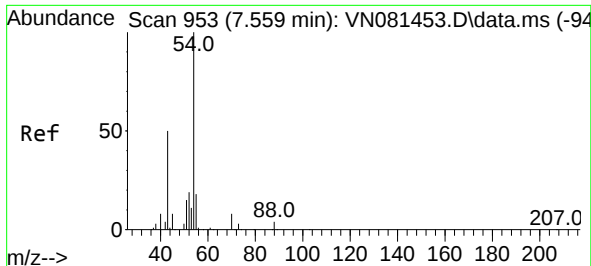
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 17.0 12.5 18.7

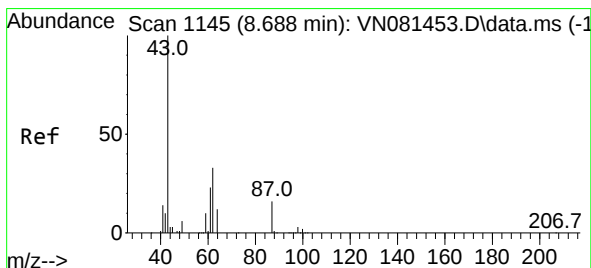
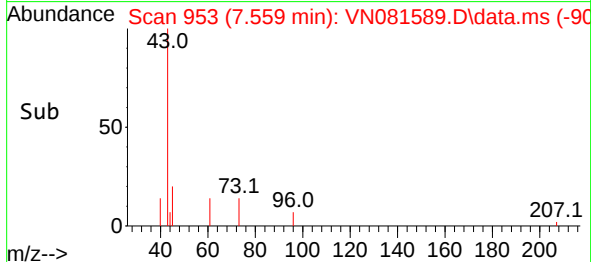
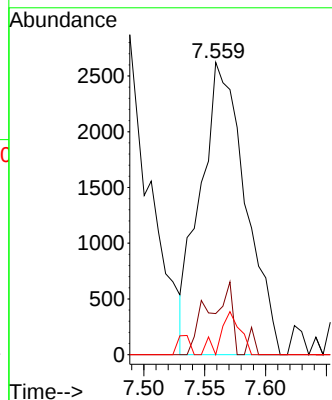
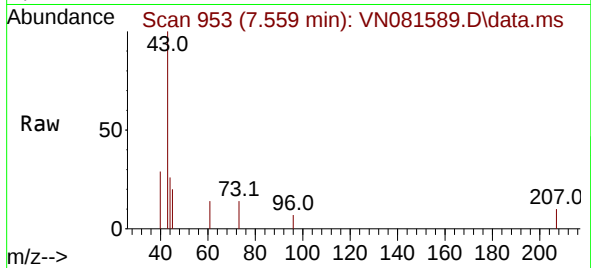




#37
Ethyl Acetate
Concen: 1.058 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

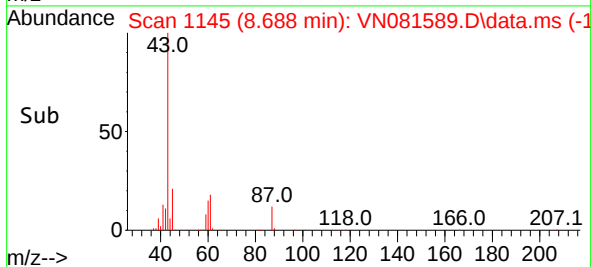
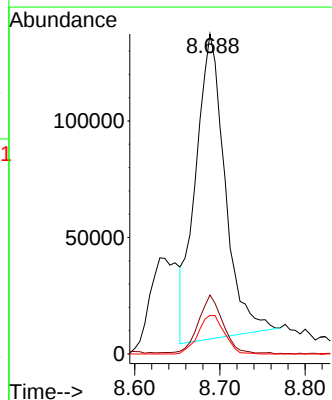
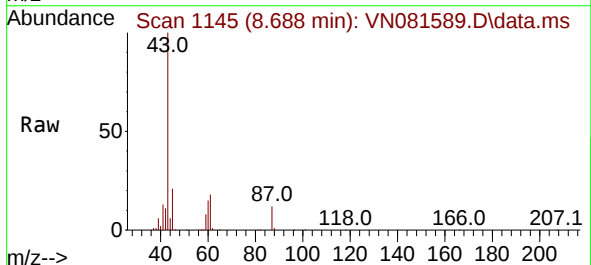
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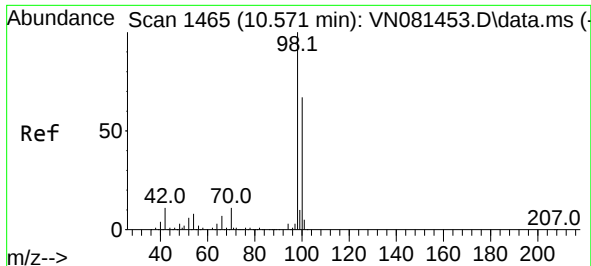
Tgt Ion: 43 Resp: 6785
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 6.4 8.0 12.0#



#43
Isopropyl Acetate
Concen: 29.430 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

Tgt Ion: 43 Resp: 312842
Ion Ratio Lower Upper
43 100
61 16.6 19.9 29.9#
87 11.3 9.0 13.6

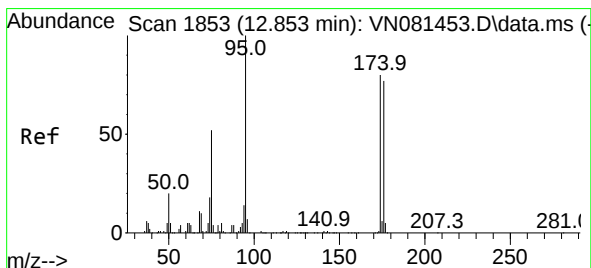
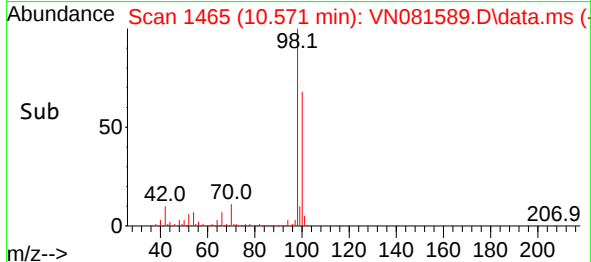
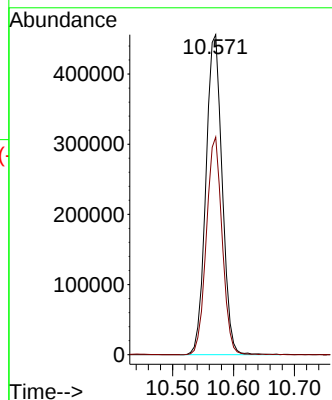
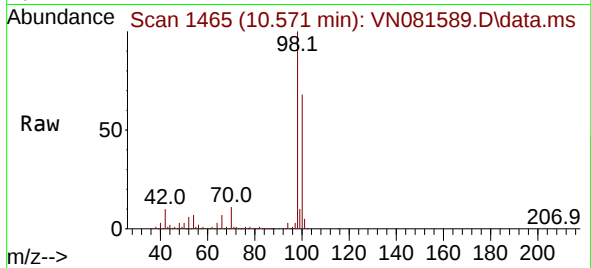




#50
Toluene-d8
Concen: 52.573 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

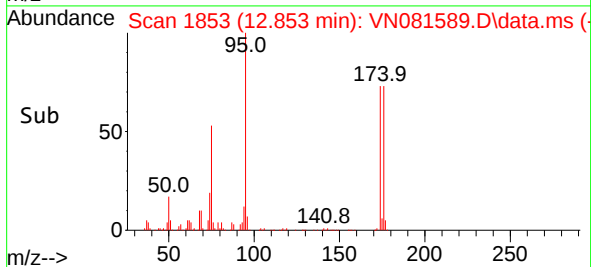
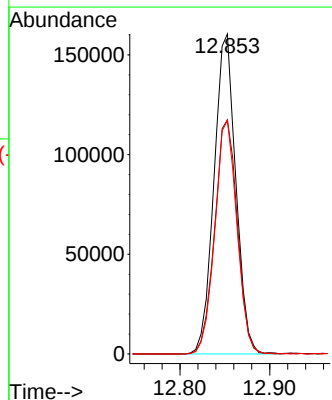
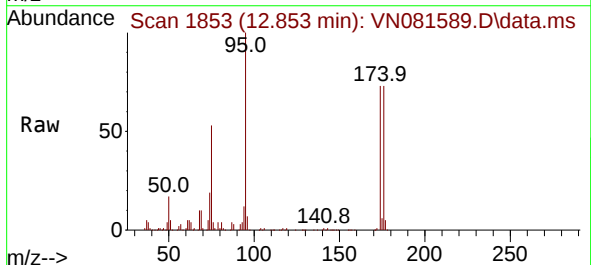
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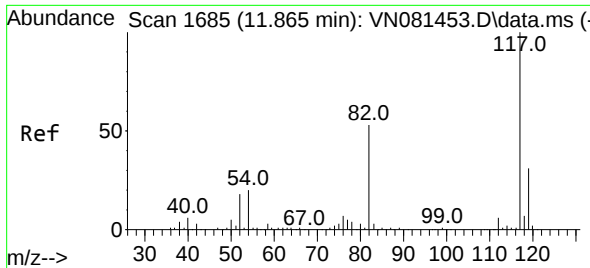
Tgt Ion: 98 Resp: 845741
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.765 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

Tgt Ion: 95 Resp: 270750
Ion Ratio Lower Upper
95 100
174 76.1 0.0 120.4
176 73.4 0.0 121.0

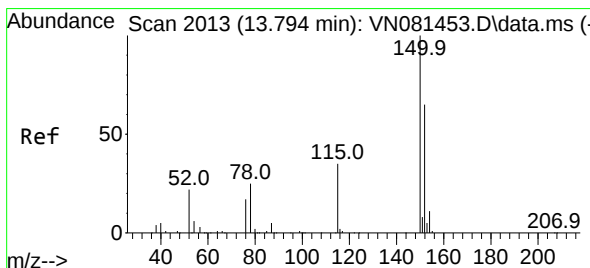
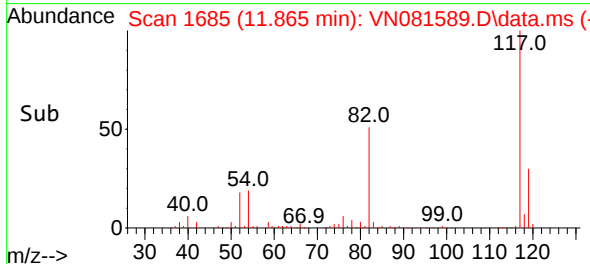
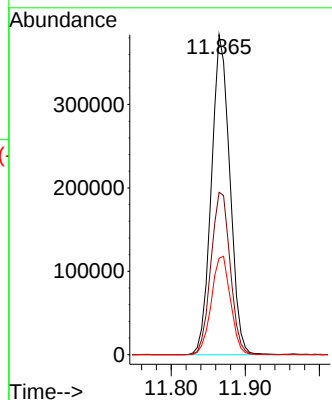
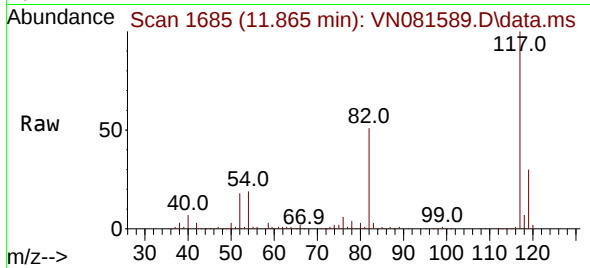




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

Instrument :
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PB159779ZHE#05

Tgt Ion:117 Resp: 662816
Ion Ratio Lower Upper
117 100
82 50.7 52.7 79.1#
119 30.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081589.D
Acq: 27 Mar 2024 16:45

Tgt Ion:152 Resp: 253465
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 157.3 0.0 339.8

