

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081626.D
 Acq On : 29 Mar 2024 19:29
 Operator : JC\MD
 Sample : PB159859ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859ZHE#04

Quant Time: Mar 30 00:34:29 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)

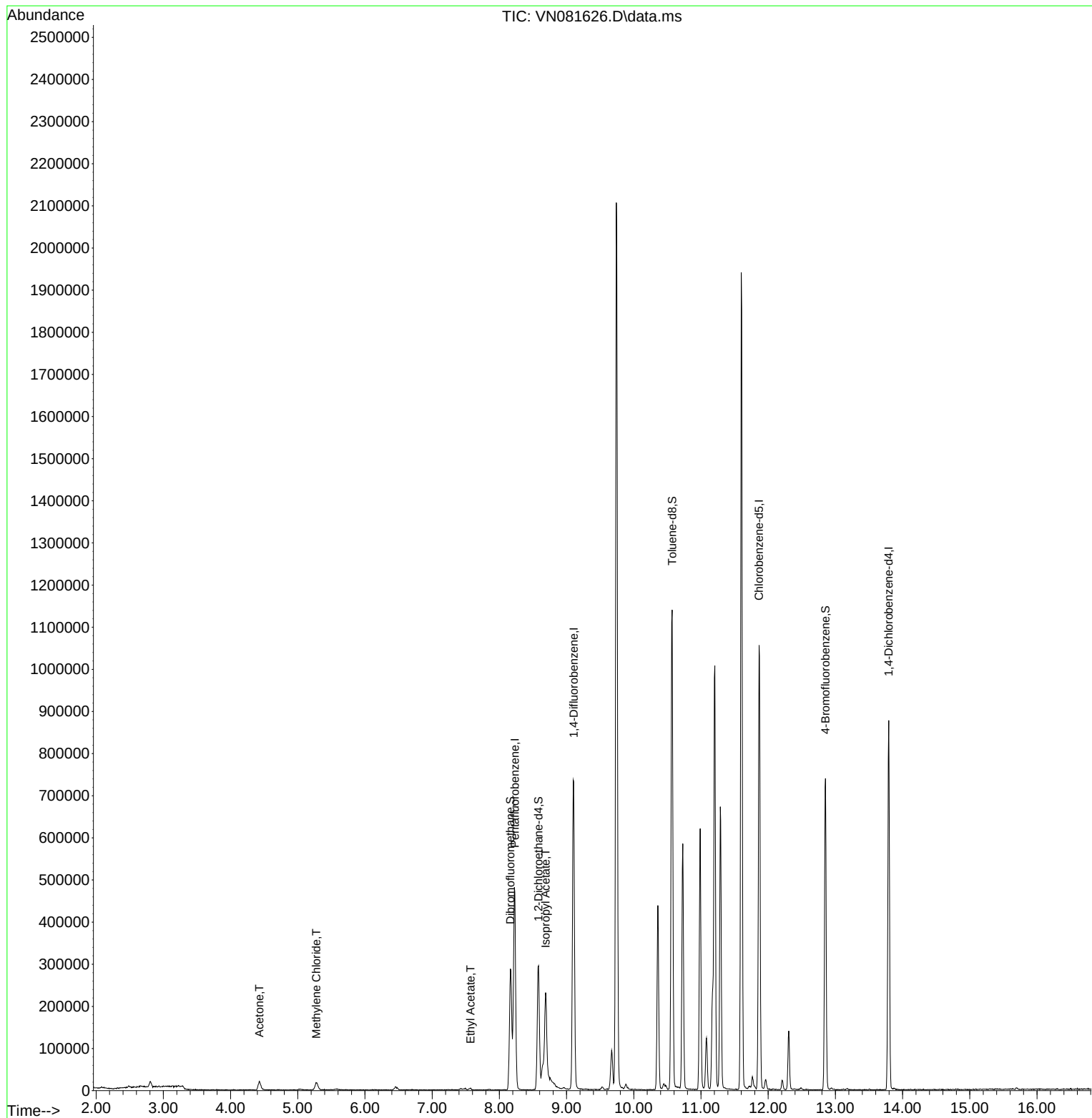
Internal Standards						
1) Pentafluorobenzene	8.230	168	342292	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	653290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	625592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	241553	55.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.680%	
35) Dibromofluoromethane	8.165	113	212070	51.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.880%	
50) Toluene-d8	10.571	98	805250	54.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.853	95	250939	47.784	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.560%	
Target Compounds						
16) Acetone	4.430	43	34904	24.742	ug/l	Qvalue 94
20) Methylene Chloride	5.277	84	14723	3.186	ug/l	# 76
37) Ethyl Acetate	7.571	43	6793	1.143	ug/l	# 95
43) Isopropyl Acetate	8.688	43	336643	34.183	ug/l	# 83

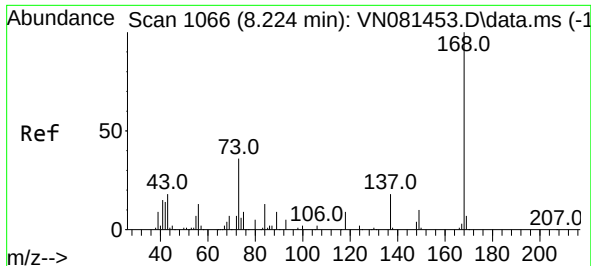
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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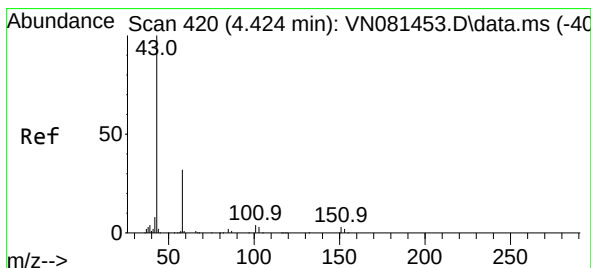
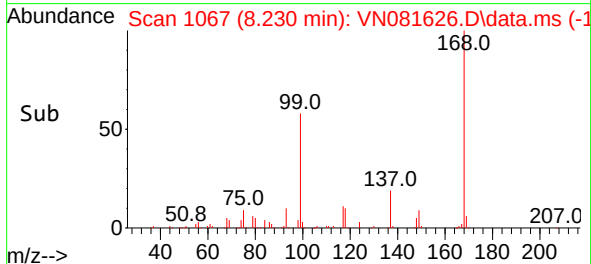
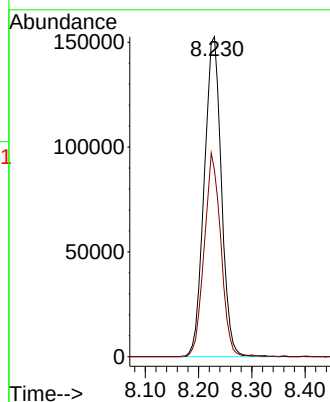
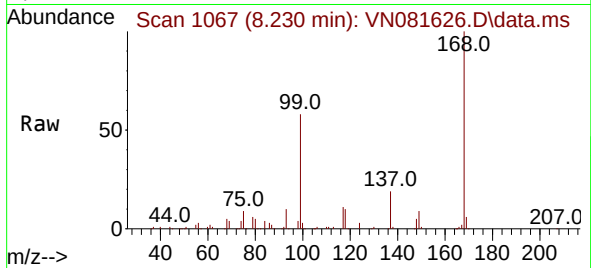




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081626.D
Acq: 29 Mar 2024 19:29

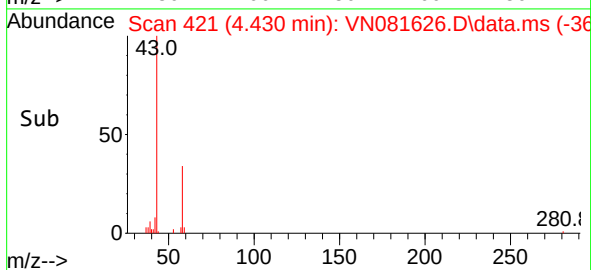
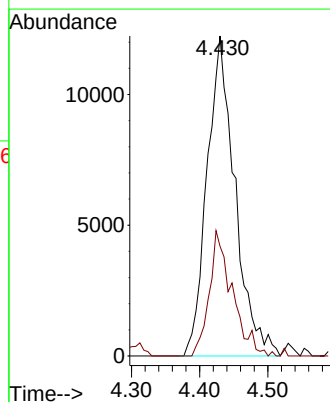
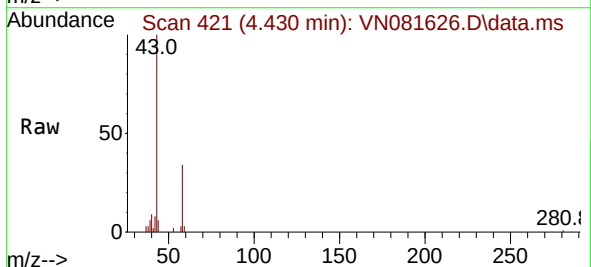
Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#04

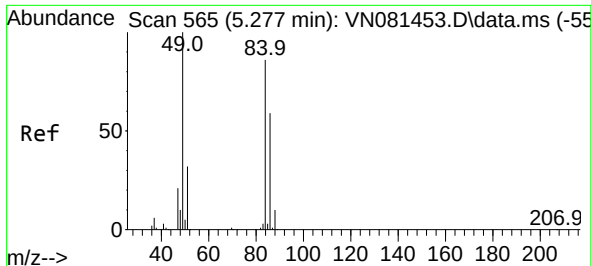
Tgt Ion:168 Resp: 342292
Ion Ratio Lower Upper
168 100
99 58.3 59.9 89.9#



#16
Acetone
Concen: 24.742 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081626.D
Acq: 29 Mar 2024 19:29

Tgt Ion: 43 Resp: 34904
Ion Ratio Lower Upper
43 100
58 34.3 24.8 37.2

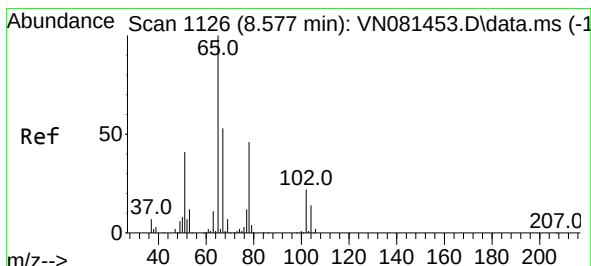
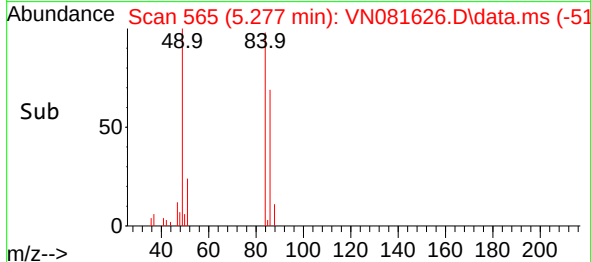
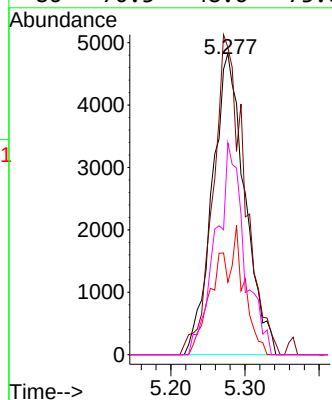
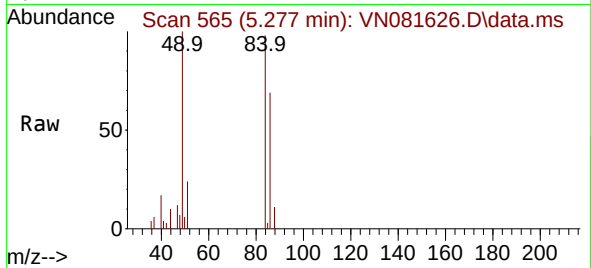




#20
Methylene Chloride
Concen: 3.186 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081626.D
Acq: 29 Mar 2024 19:29

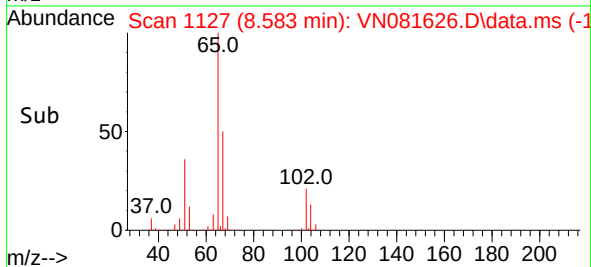
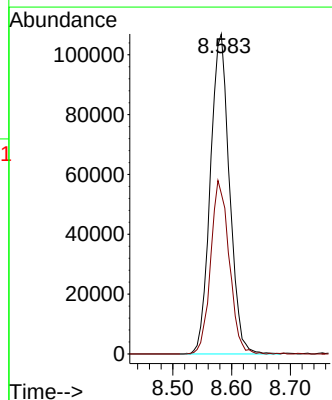
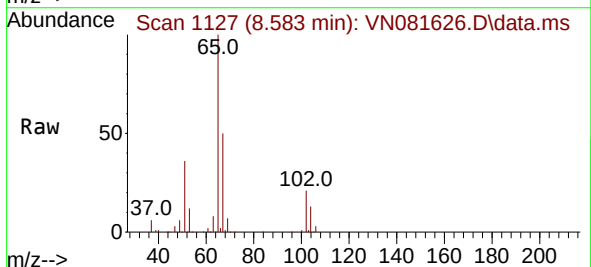
Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#04

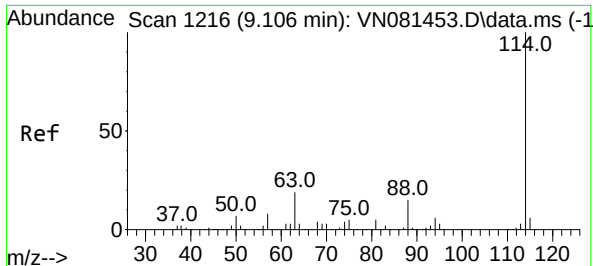
Tgt Ion:	84	Resp:	14723
Ion	Ratio	Lower	Upper
84	100		
49	102.1	108.1	162.1#
51	24.0	32.9	49.3#
86	70.3	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 55.337 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081626.D
Acq: 29 Mar 2024 19:29

Tgt Ion:	65	Resp:	241553
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081626.D

Acq: 29 Mar 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB159859ZHE#04

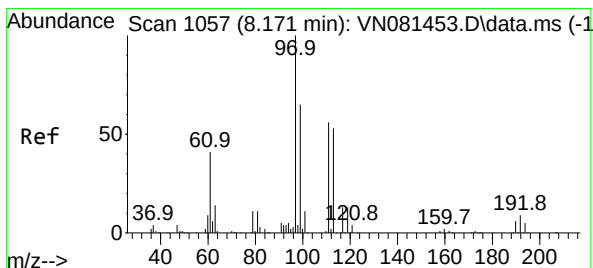
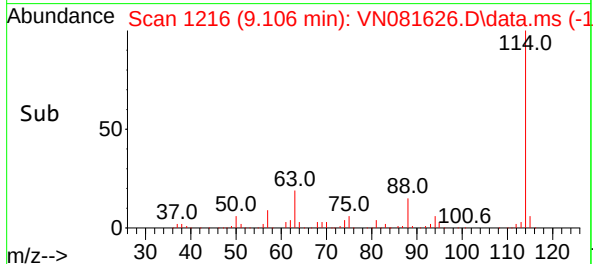
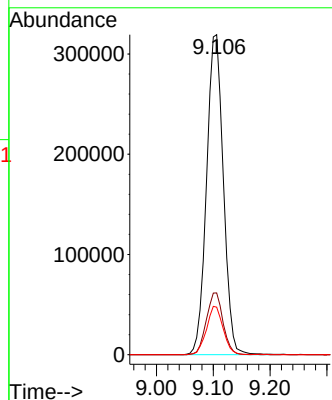
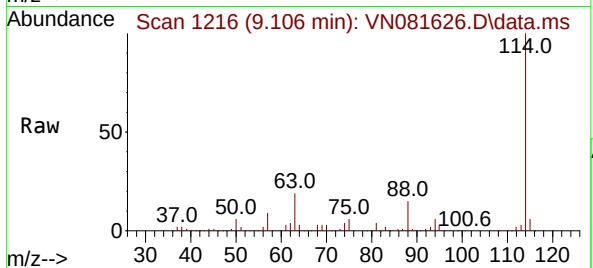
Tgt Ion:114 Resp: 653290

Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 14.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.437 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081626.D

Acq: 29 Mar 2024 19:29

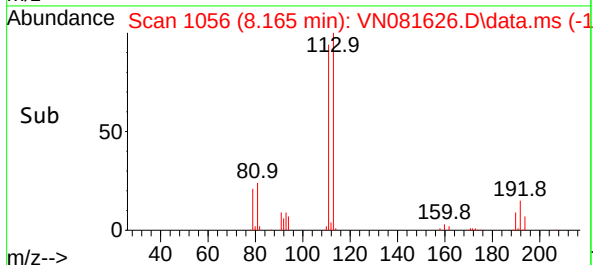
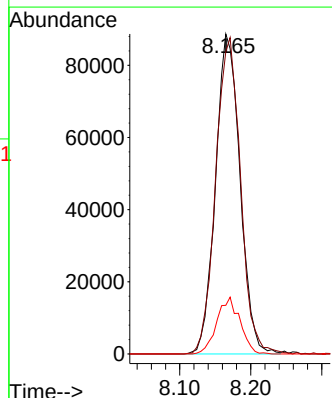
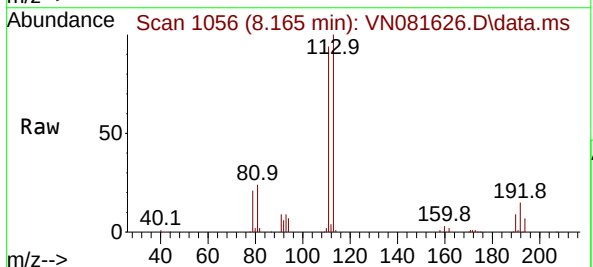
Tgt Ion:113 Resp: 212070

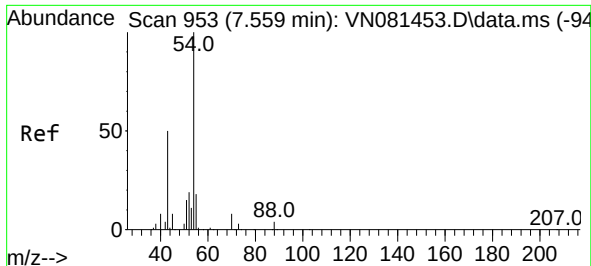
Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

192 16.8 12.5 18.7





#37

Ethyl Acetate

Concen: 1.143 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN081626.D

Acq: 29 Mar 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB159859ZHE#04

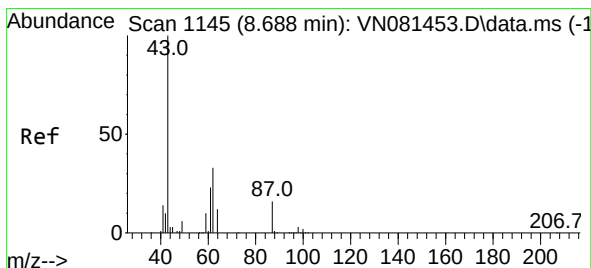
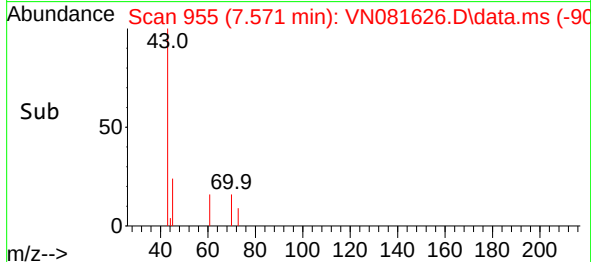
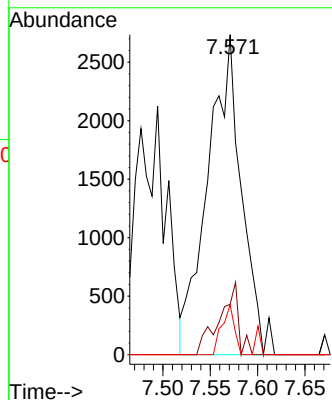
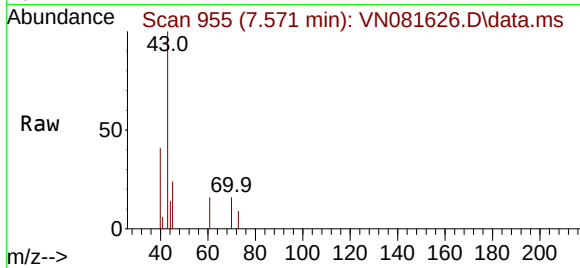
Tgt Ion: 43 Resp: 6793

Ion Ratio Lower Upper

43 100

61 12.8 10.6 15.8

70 5.8 8.0 12.0#



#43

Isopropyl Acetate

Concen: 34.183 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081626.D

Acq: 29 Mar 2024 19:29

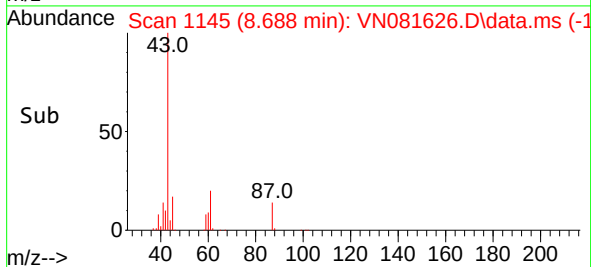
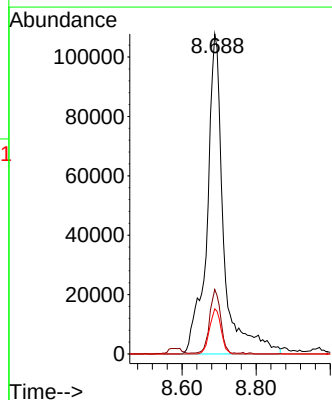
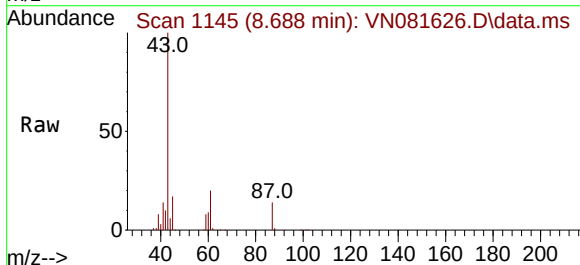
Tgt Ion: 43 Resp: 336643

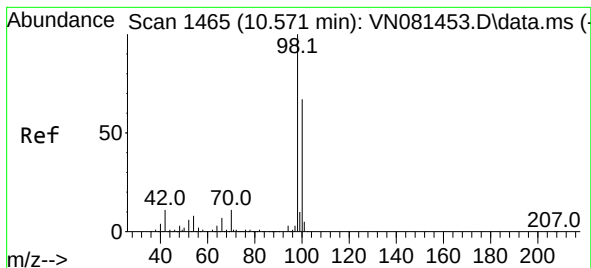
Ion Ratio Lower Upper

43 100

61 13.2 19.9 29.9#

87 9.7 9.0 13.6

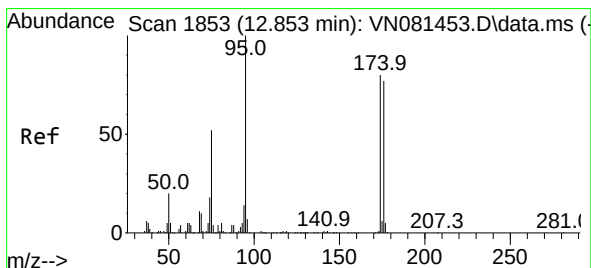
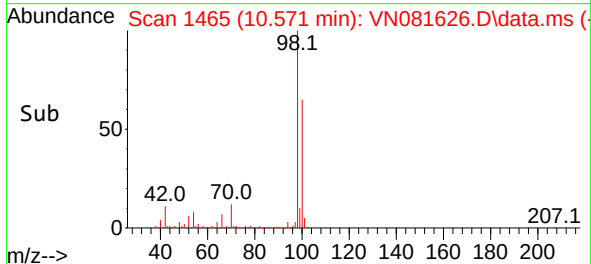
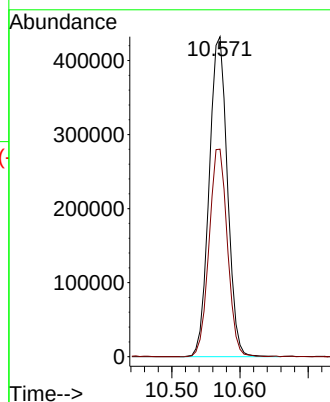
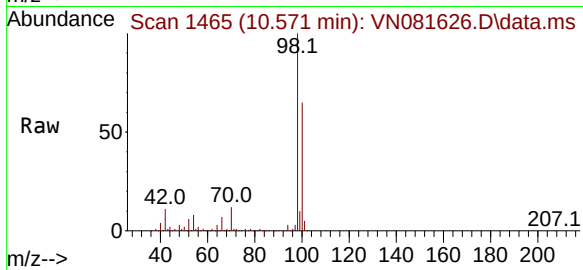




#50
Toluene-d8
Concen: 54.030 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081626.D
Acq: 29 Mar 2024 19:29

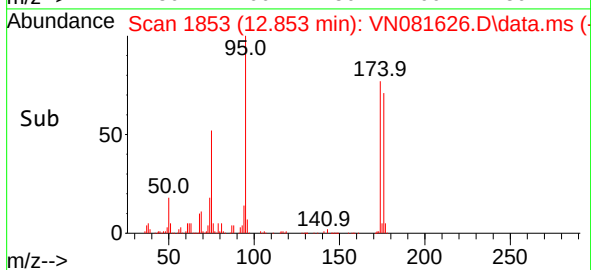
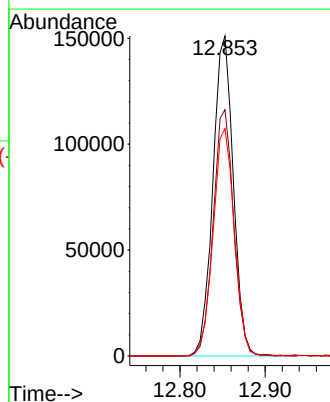
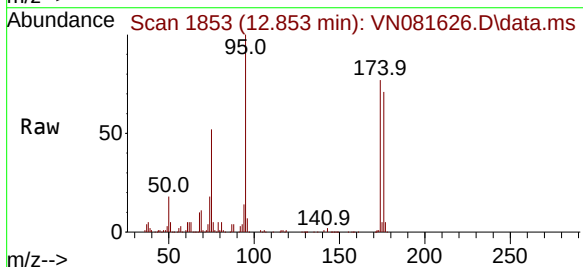
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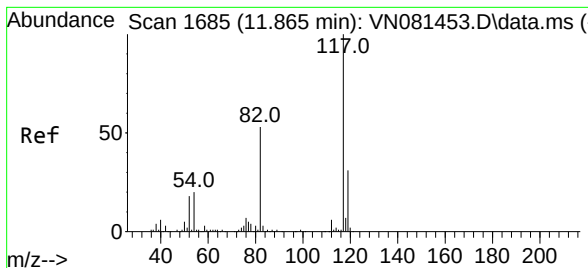
Tgt Ion: 98 Resp: 805250
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.784 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081626.D
Acq: 29 Mar 2024 19:29

Tgt Ion: 95 Resp: 250939
Ion Ratio Lower Upper
95 100
174 77.6 0.0 120.4
176 73.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081626.D

Acq: 29 Mar 2024 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB159859ZHE#04

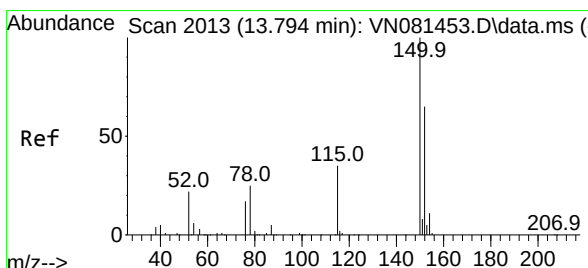
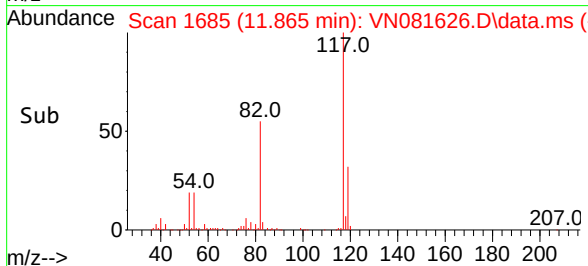
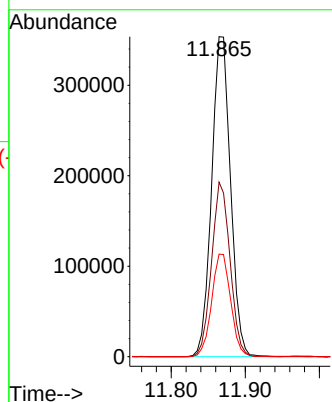
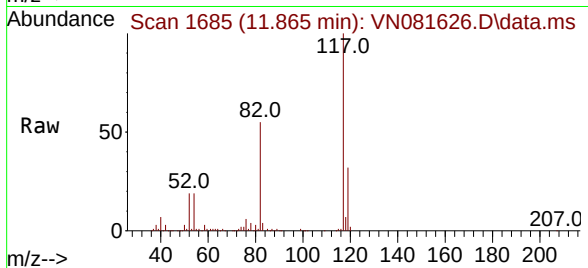
Tgt Ion:117 Resp: 625592

Ion Ratio Lower Upper

117 100

82 54.6 52.7 79.1

119 32.1 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: VN081626.D

Acq: 29 Mar 2024 19:29

Tgt Ion:152 Resp: 232967

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 159.3 0.0 339.8

