

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081145.D
 Acq On : 22 Feb 2024 19:11
 Operator : JC\MD
 Sample : P1549-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HT3727

Quant Time: Feb 23 04:31:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

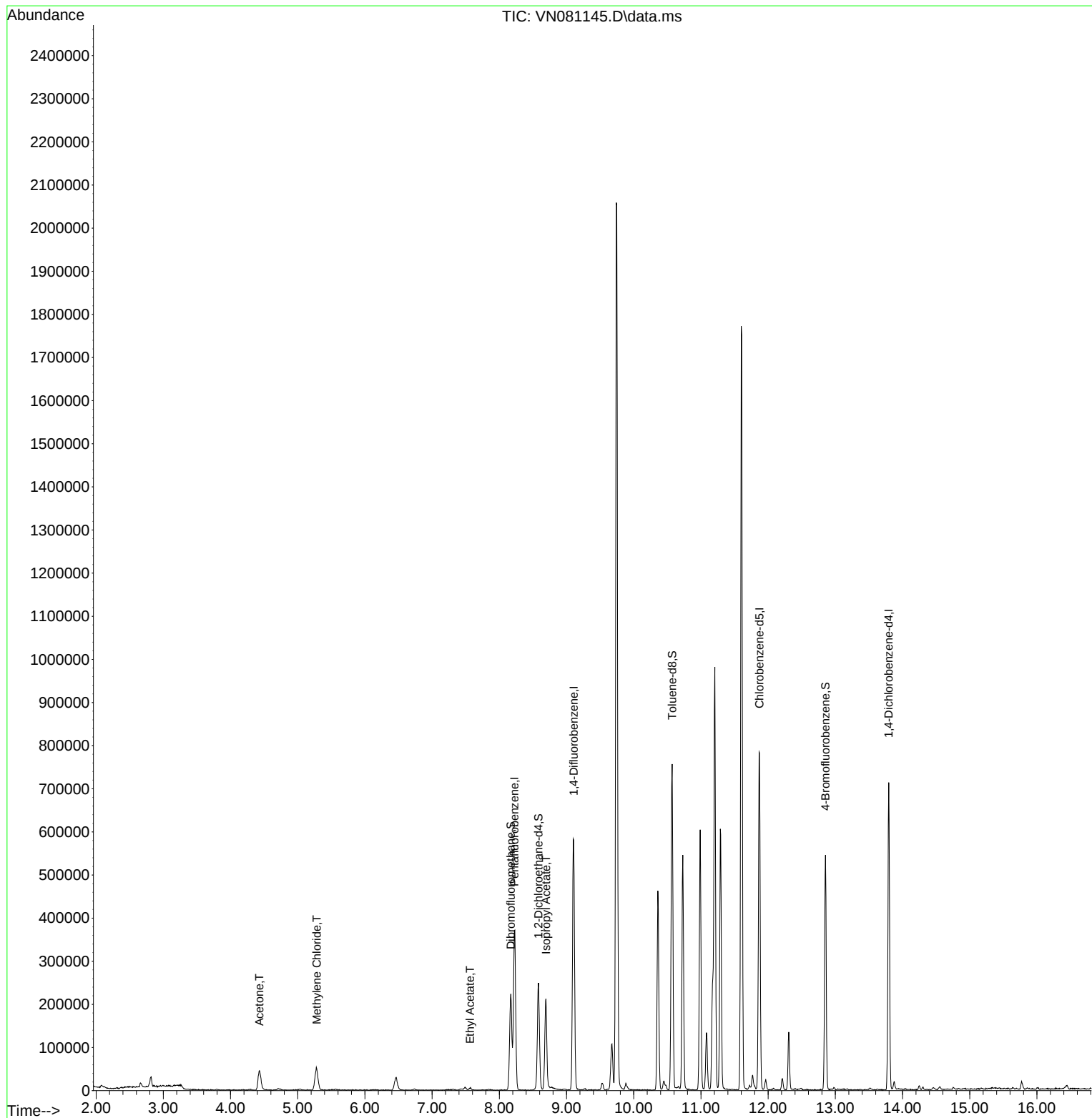
Internal Standards						
1) Pentafluorobenzene	8.224	168	265183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	462656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193089	59.405	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.800%	
35) Dibromofluoromethane	8.171	113	160439	54.034	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	108.060%	
50) Toluene-d8	10.571	98	513800	48.720	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	97.440%	
62) 4-Bromofluorobenzene	12.853	95	189837	47.907	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	85960	67.211	ug/l	100
20) Methylene Chloride	5.283	84	40115	11.407	ug/l #	83
37) Ethyl Acetate	7.565	43	7590	1.653	ug/l #	92
43) Isopropyl Acetate	8.694	43	237149	29.535	ug/l #	91

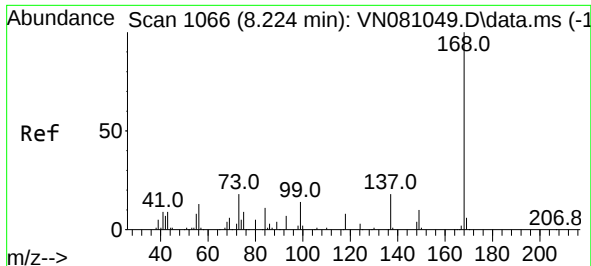
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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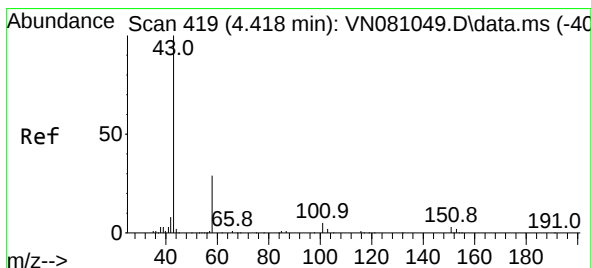
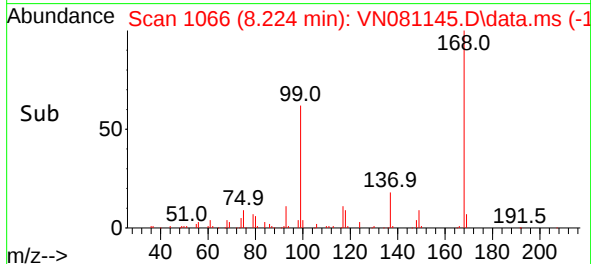
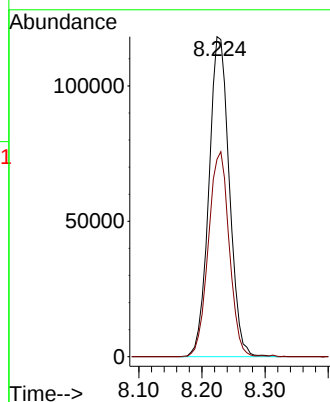
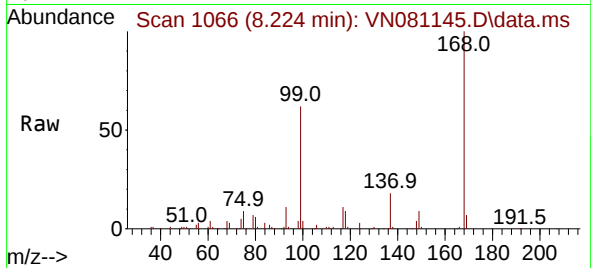




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081145.D
Acq: 22 Feb 2024 19:11

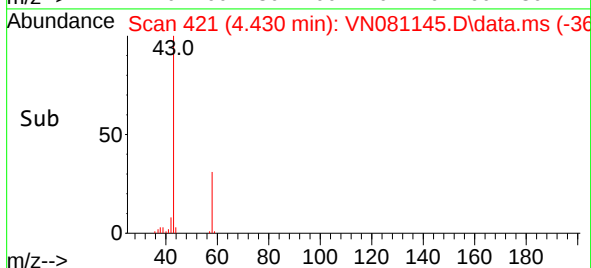
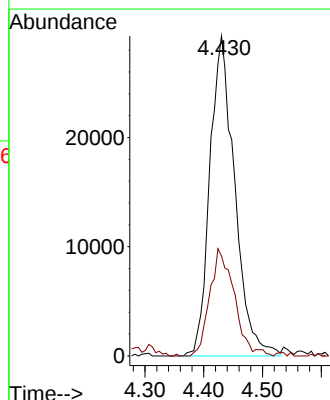
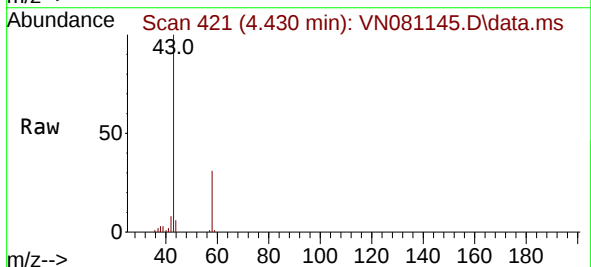
Instrument :
MSVOA_N
ClientSampleId :
HT3727

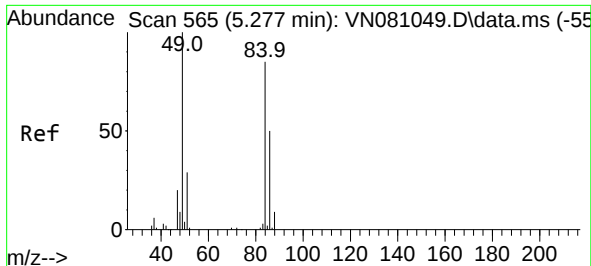
Tgt Ion:168 Resp: 265183
Ion Ratio Lower Upper
168 100
99 61.7 59.9 89.9



#16
Acetone
Concen: 67.211 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081145.D
Acq: 22 Feb 2024 19:11

Tgt Ion: 43 Resp: 85960
Ion Ratio Lower Upper
43 100
58 31.2 24.8 37.2

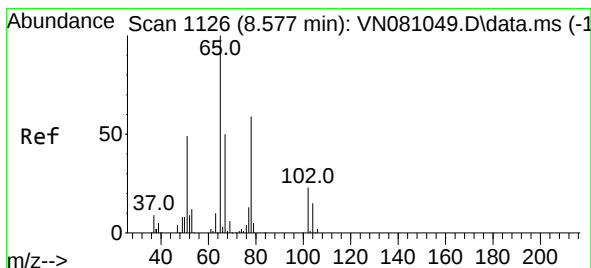
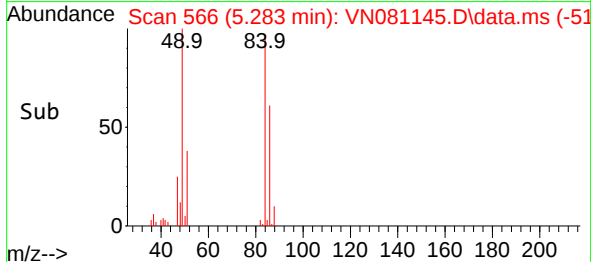
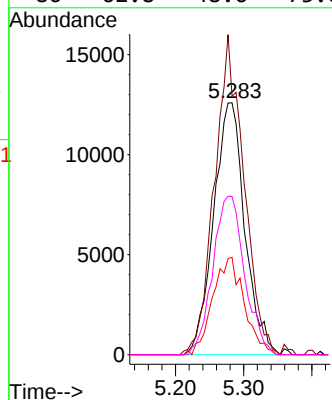
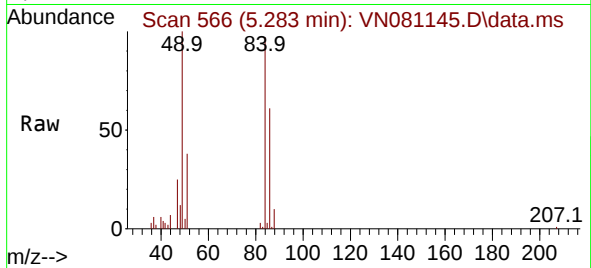




#20
Methylene Chloride
Concen: 11.407 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081145.D
Acq: 22 Feb 2024 19:11

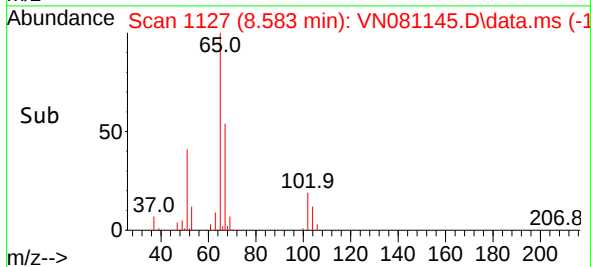
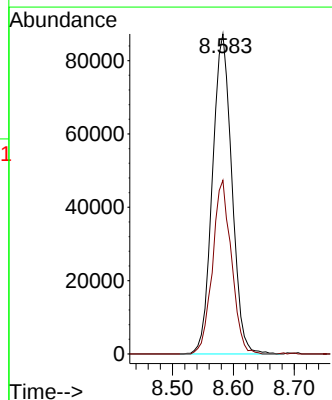
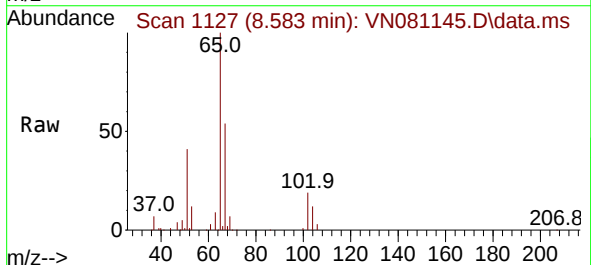
Instrument :
MSVOA_N
ClientSampleId :
HT3727

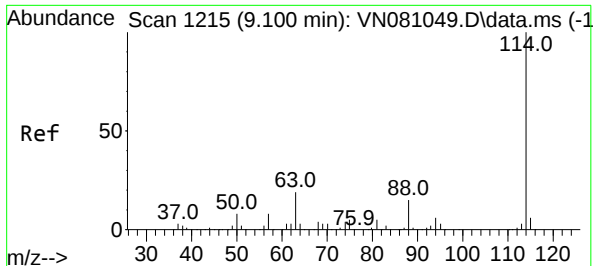
Tgt Ion: 84 Resp: 40115
Ion Ratio Lower Upper
84 100
49 102.7 108.1 162.1#
51 38.7 32.9 49.3
86 62.8 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 59.405 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081145.D
Acq: 22 Feb 2024 19:11

Tgt Ion: 65 Resp: 193089
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081145.D

Acq: 22 Feb 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

HT3727

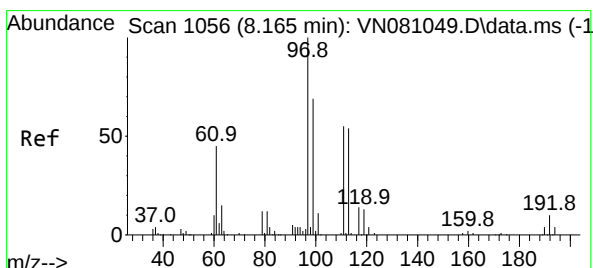
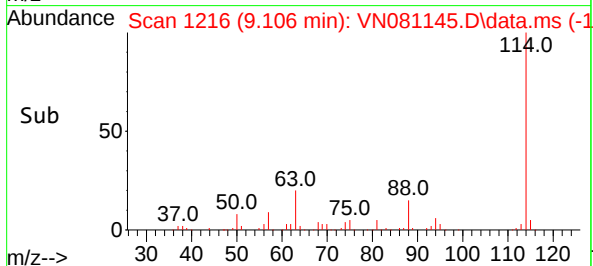
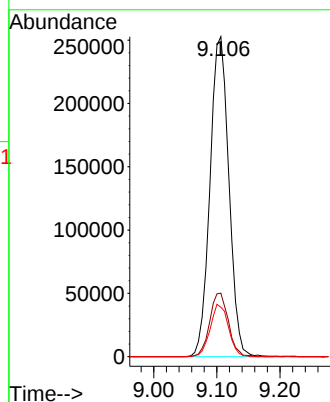
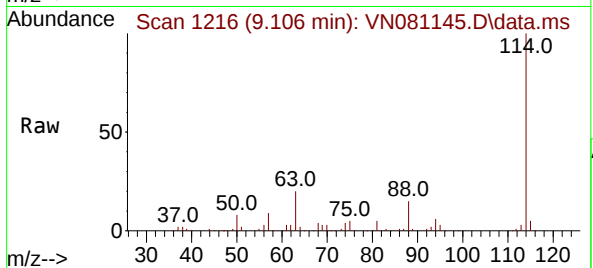
Tgt Ion:114 Resp: 525090

Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 15.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 54.034 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081145.D

Acq: 22 Feb 2024 19:11

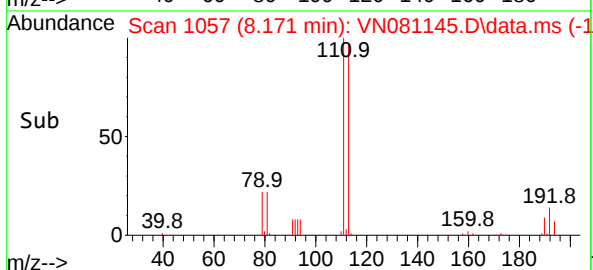
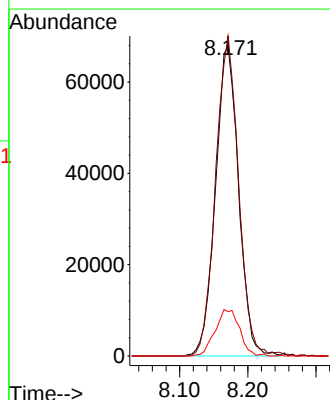
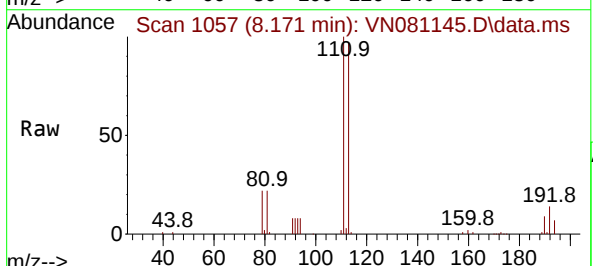
Tgt Ion:113 Resp: 160439

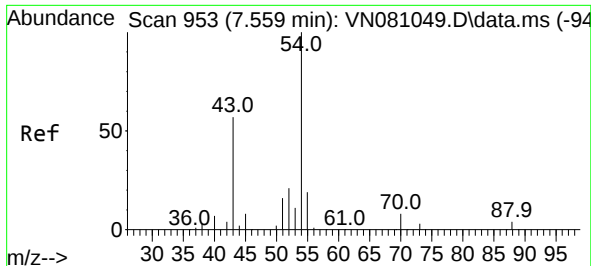
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 15.8 12.5 18.7





#37

Ethyl Acetate

Concen: 1.653 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081145.D

Acq: 22 Feb 2024 19:11

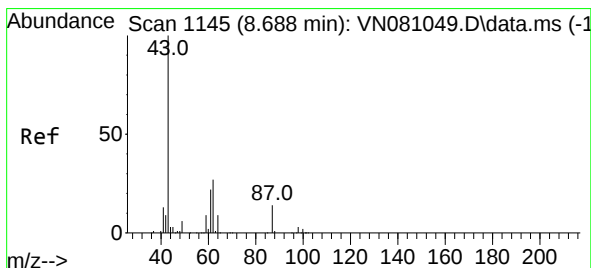
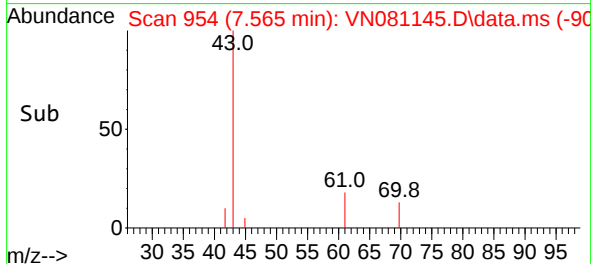
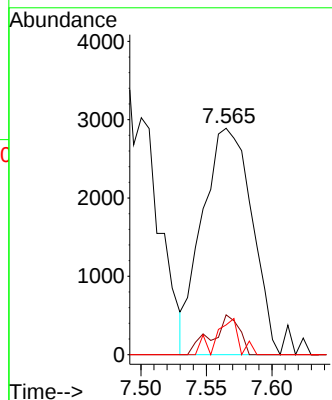
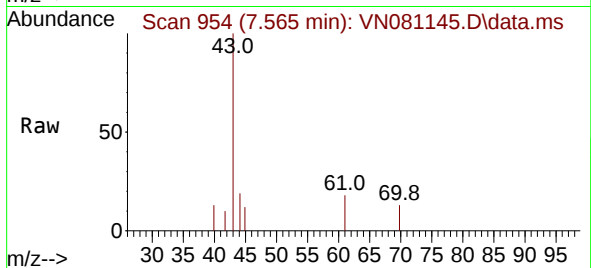
Instrument :

MSVOA_N

ClientSampleId :

HT3727

Tgt Ion: 43	Resp:	7590
Ion	Ratio	Lower Upper
43	100	
61	9.5	10.6 15.8#
70	7.4	8.0 12.0#



#43

Isopropyl Acetate

Concen: 29.535 ug/l

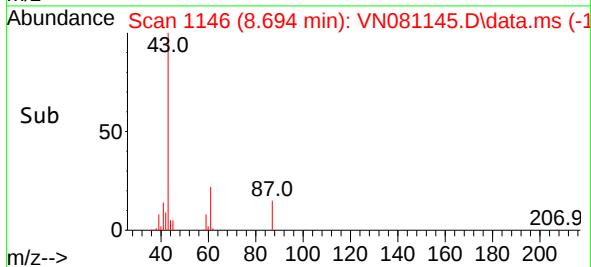
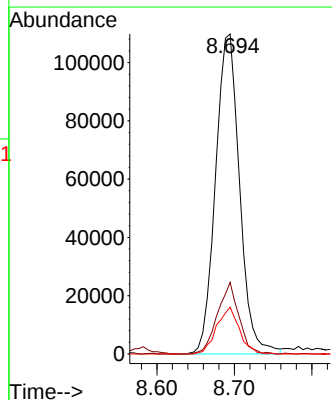
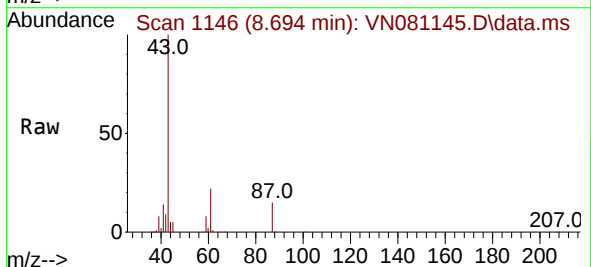
RT: 8.694 min Scan# 1146

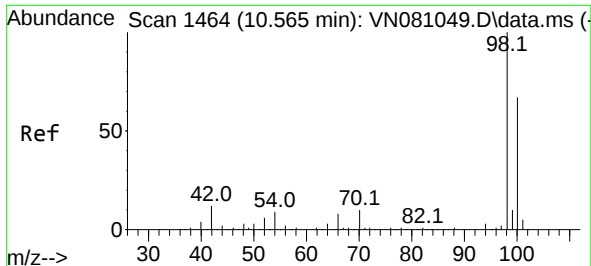
Delta R.T. 0.006 min

Lab File: VN081145.D

Acq: 22 Feb 2024 19:11

Tgt Ion: 43	Resp:	237149
Ion	Ratio	Lower Upper
43	100	
61	20.0	19.9 29.9
87	13.7	9.0 13.6#

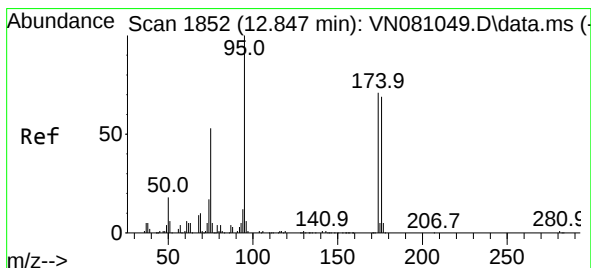
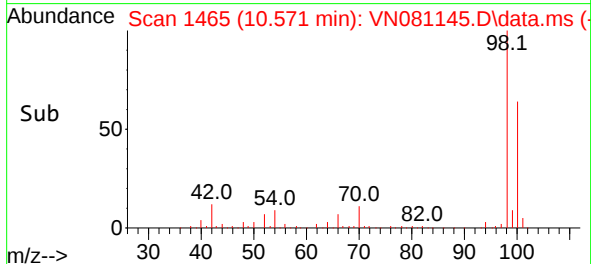
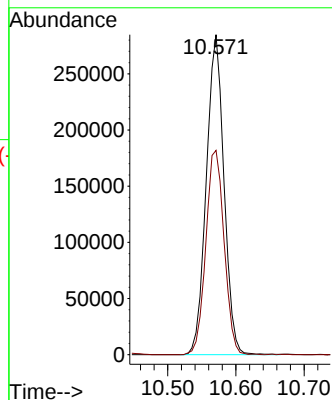
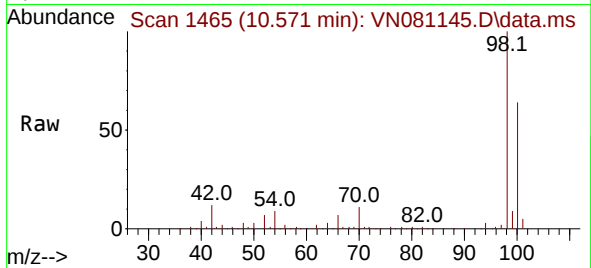




#50
Toluene-d8
Concen: 48.720 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081145.D
Acq: 22 Feb 2024 19:11

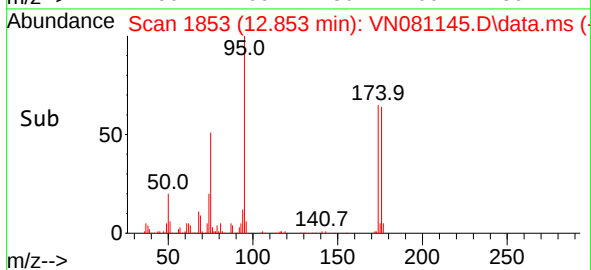
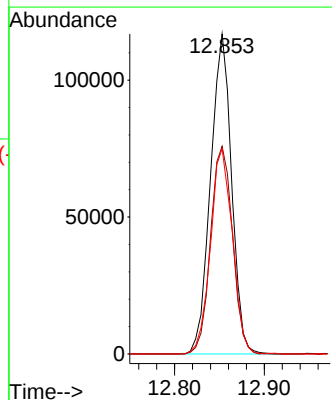
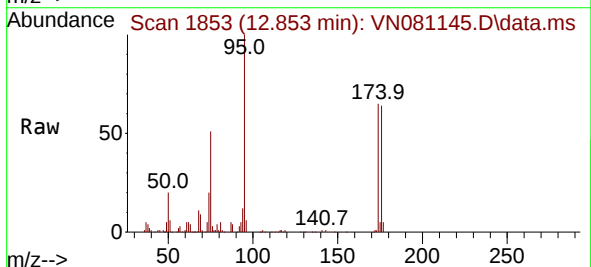
Instrument :
MSVOA_N
ClientSampleId :
HT3727

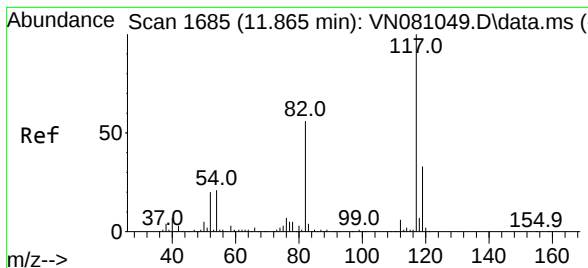
Tgt Ion: 98 Resp: 513800
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.907 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081145.D
Acq: 22 Feb 2024 19:11

Tgt Ion: 95 Resp: 189837
Ion Ratio Lower Upper
95 100
174 67.8 0.0 120.4
176 66.8 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081145.D

Acq: 22 Feb 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

HT3727

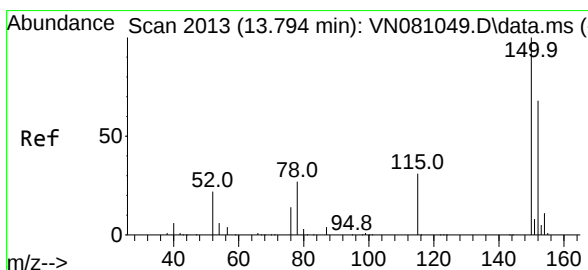
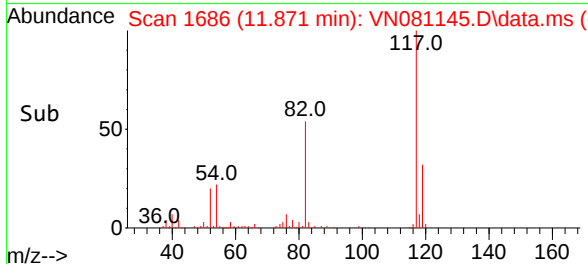
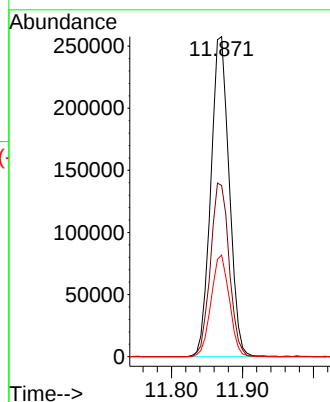
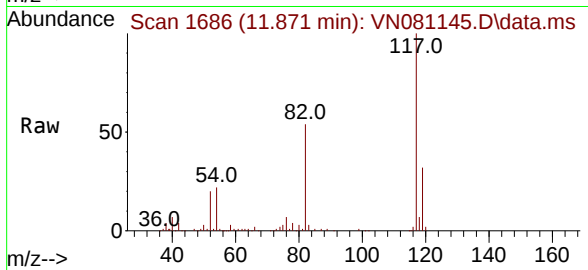
Tgt Ion:117 Resp: 462656

Ion Ratio Lower Upper

117 100

82 53.5 52.7 79.1

119 31.7 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: VN081145.D

Acq: 22 Feb 2024 19:11

Tgt Ion:152 Resp: 180850

Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 156.5 0.0 339.8

