

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081475.D
 Acq On : 19 Mar 2024 16:57
 Operator : JC\MD
 Sample : P1786-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-COMPOSITE

Quant Time: Mar 20 01:20:27 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)

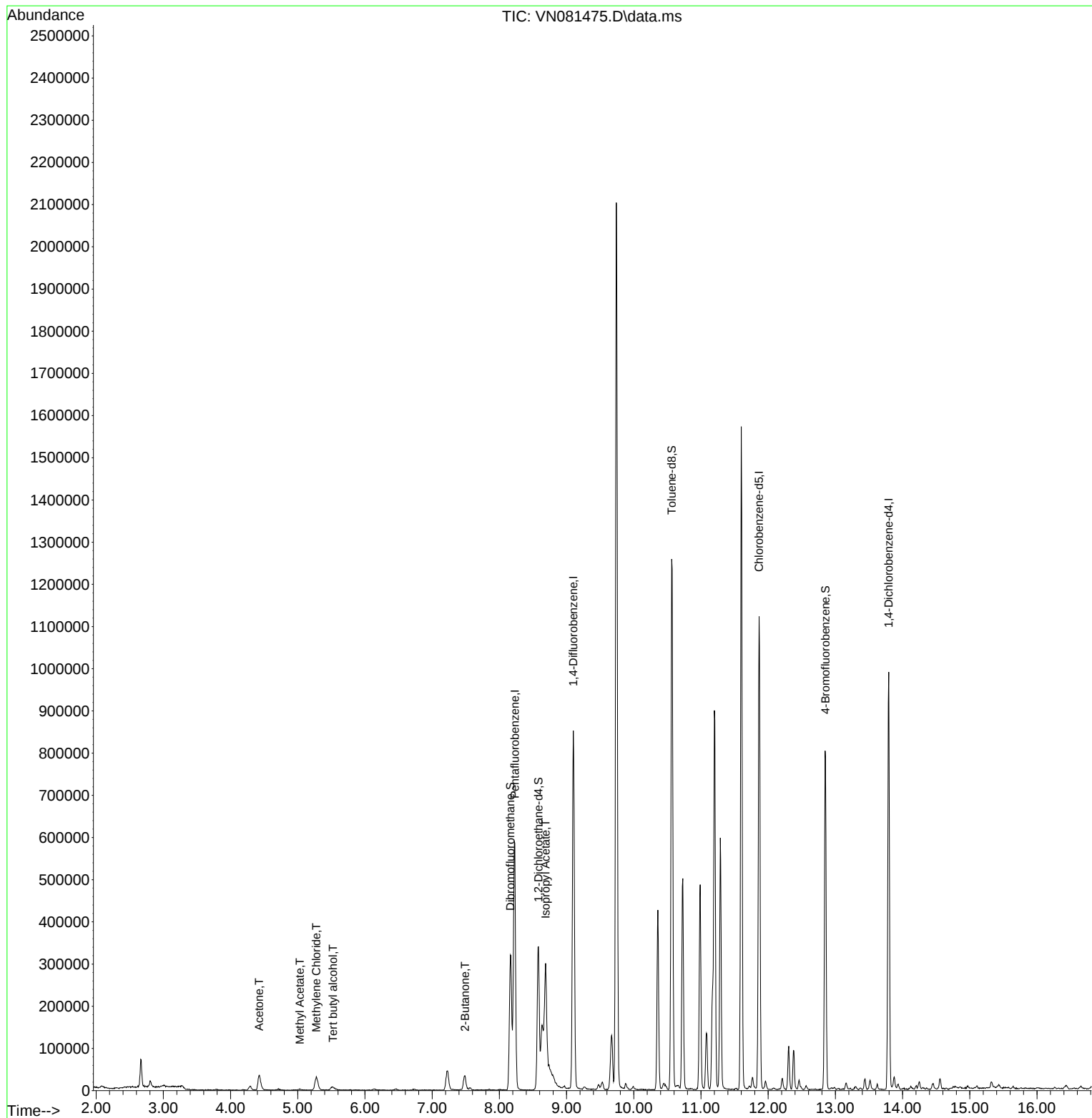
Internal Standards						
1) Pentafluorobenzene	8.229	168	424562	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	756711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	657317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	277581	51.268	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.540%		
35) Dibromofluoromethane	8.165	113	235310	49.273	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.540%		
50) Toluene-d8	10.565	98	899466	52.103	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.200%		
62) 4-Bromofluorobenzene	12.853	95	276289	45.420	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 90.840%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.524	59	12326	13.064	ug/l	# 82
16) Acetone	4.424	43	68339	39.056	ug/l	96
18) Methyl Acetate	5.030	43	5444	1.009	ug/l	# 75
20) Methylene Chloride	5.277	84	25224	4.401	ug/l	# 80
25) 2-Butanone	7.488	43	57493	19.157	ug/l	91
43) Isopropyl Acetate	8.688	43	428109	37.529	ug/l	# 80

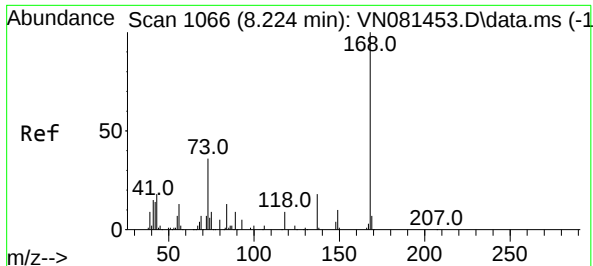
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

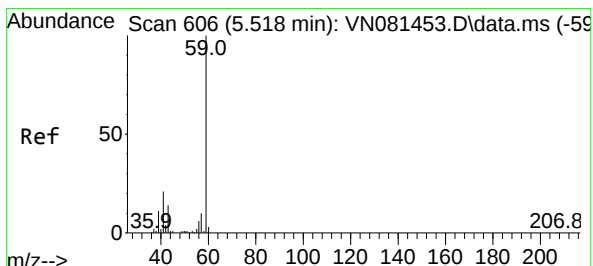
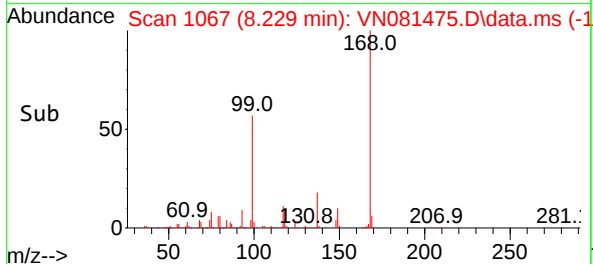
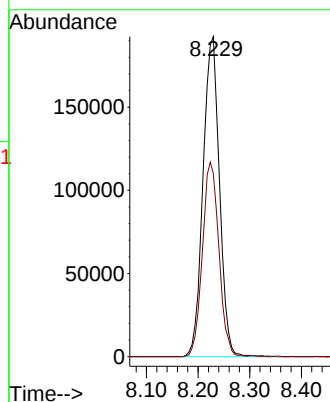
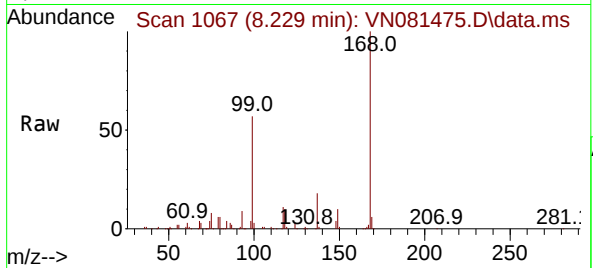




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN081475.D
Acq: 19 Mar 2024 16:57

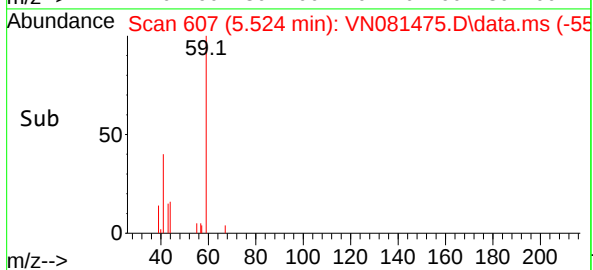
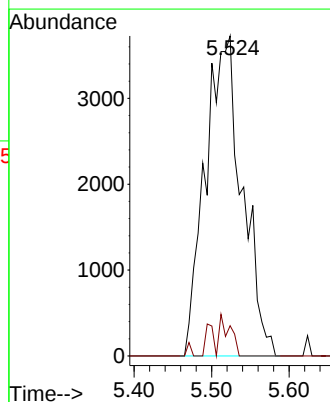
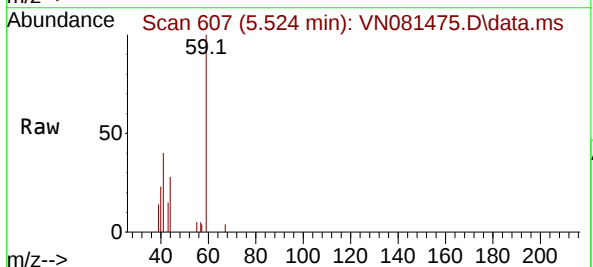
Instrument :
MSVOA_N
ClientSampleId :
WASTE-COMPOSITE

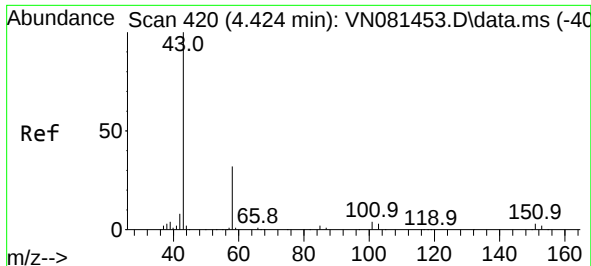
Tgt Ion:168 Resp: 424562
Ion Ratio Lower Upper
168 100
99 57.3 59.9 89.9#



#11
Tert butyl alcohol
Concen: 13.064 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN081475.D
Acq: 19 Mar 2024 16:57

Tgt Ion: 59 Resp: 12326
Ion Ratio Lower Upper
59 100
57 3.8 8.6 12.8#

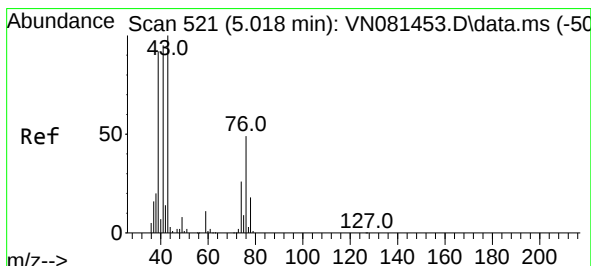
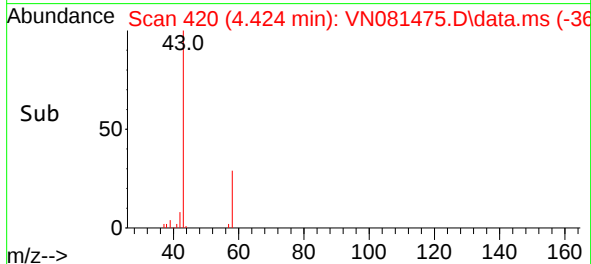
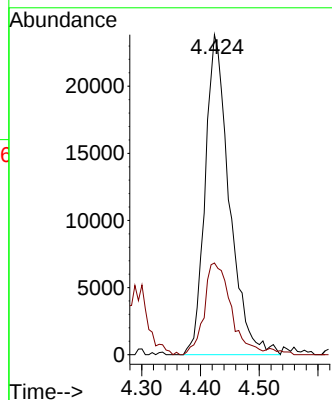
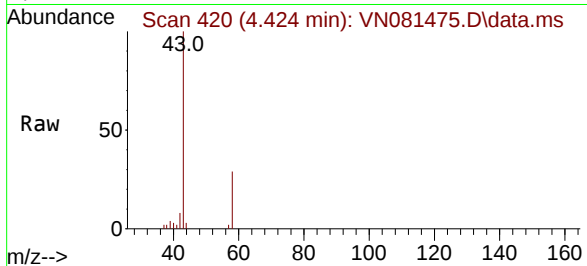




#16
Acetone
Concen: 39.056 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081475.D
Acq: 19 Mar 2024 16:57

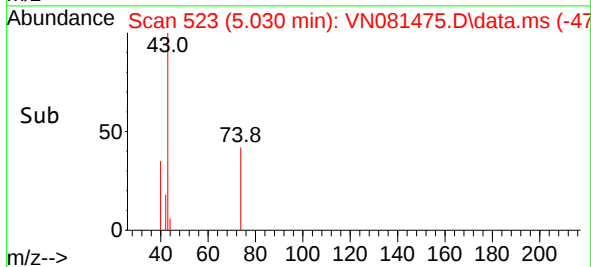
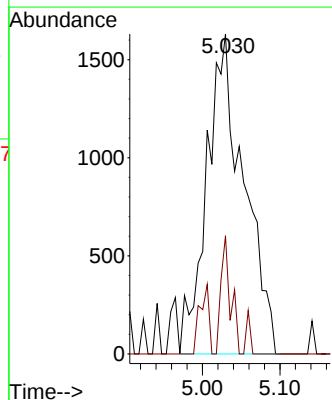
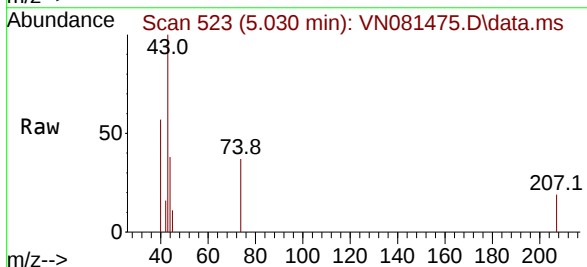
Instrument :
MSVOA_N
ClientSampleId :
WASTE-COMPOSITE

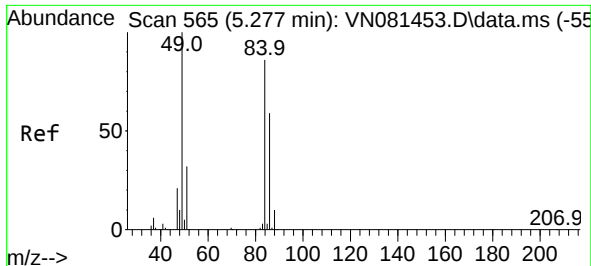
Tgt Ion: 43 Resp: 68339
Ion Ratio Lower Upper
43 100
58 28.6 24.8 37.2



#18
Methyl Acetate
Concen: 1.009 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081475.D
Acq: 19 Mar 2024 16:57

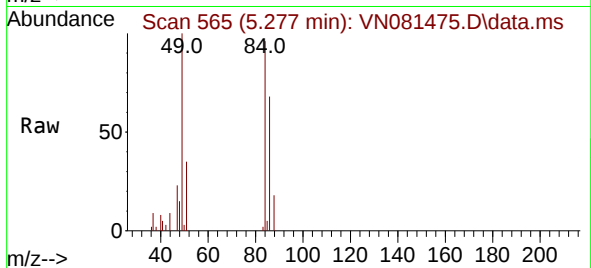
Tgt Ion: 43 Resp: 5444
Ion Ratio Lower Upper
43 100
74 9.6 17.3 25.9#



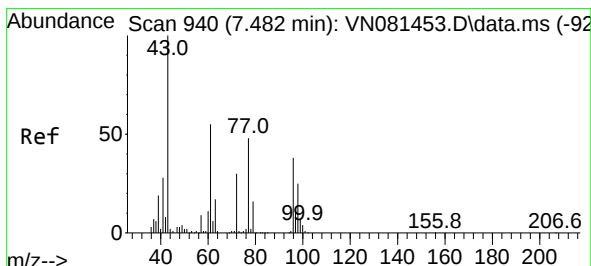
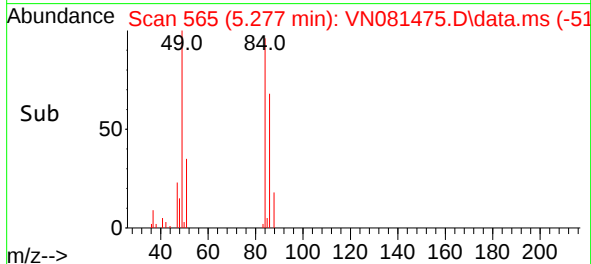
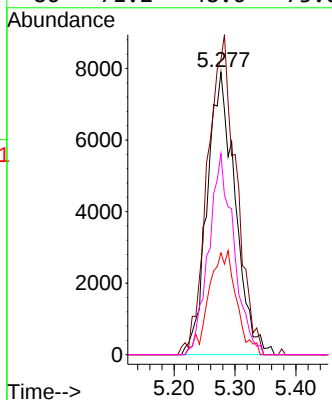


#20
Methylene Chloride
Concen: 4.401 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081475.D
Acq: 19 Mar 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
WASTE-COMPOSITE

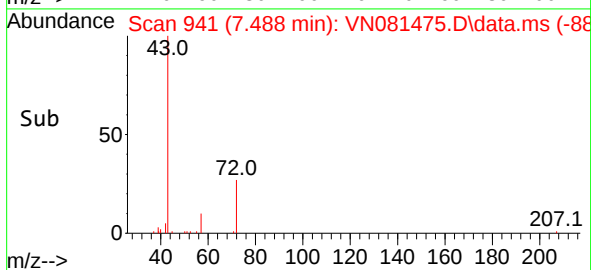
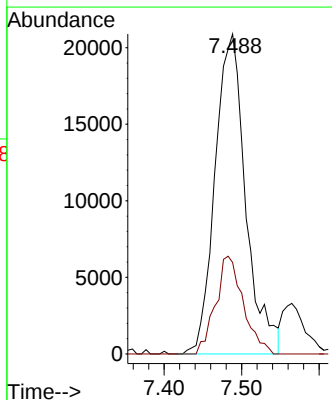
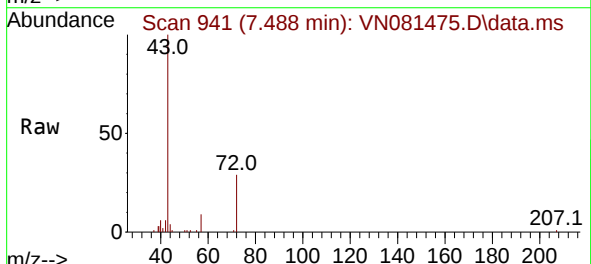


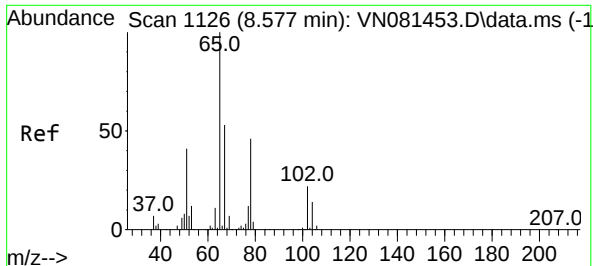
Tgt Ion:	84	Resp:	25224
Ion	Ratio	Lower	Upper
84	100		
49	104.4	108.1	162.1#
51	36.1	32.9	49.3
86	71.2	48.6	73.0



#25
2-Butanone
Concen: 19.157 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081475.D
Acq: 19 Mar 2024 16:57

Tgt Ion:	43	Resp:	57493
Ion	Ratio	Lower	Upper
43	100		
72	28.6	19.5	29.3





#33

1,2-Dichloroethane-d4

Concen: 51.268 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081475.D

Acq: 19 Mar 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

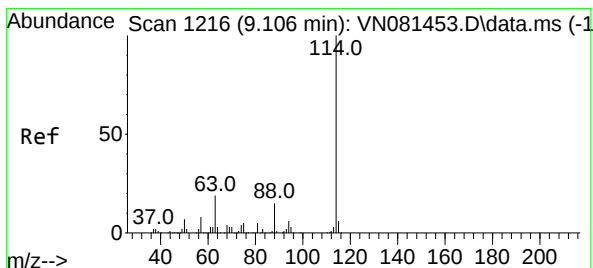
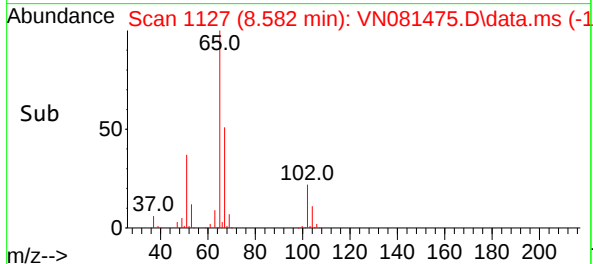
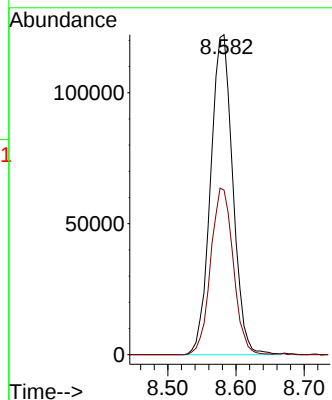
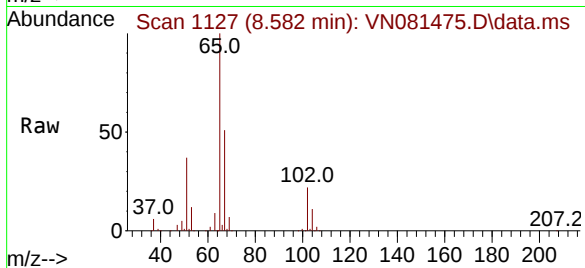
WASTE-COMPOSITE

Tgt Ion: 65 Resp: 277581

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081475.D

Acq: 19 Mar 2024 16:57

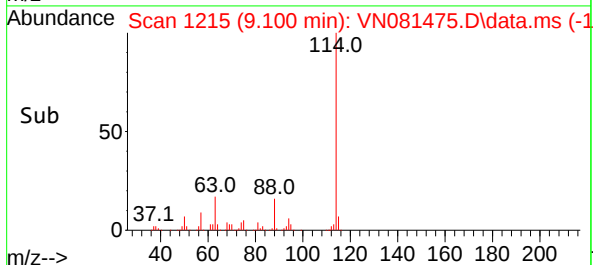
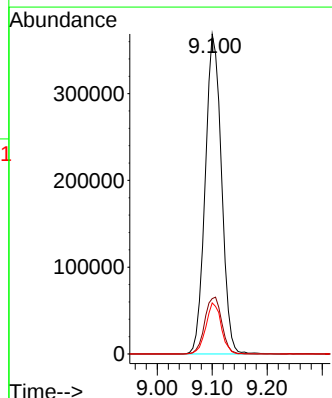
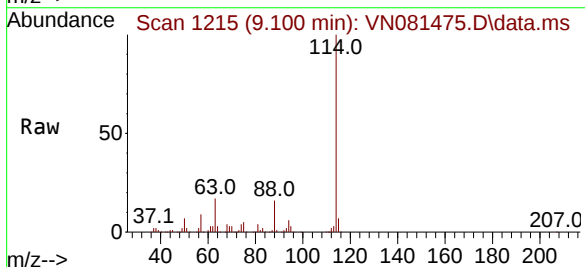
Tgt Ion: 114 Resp: 756711

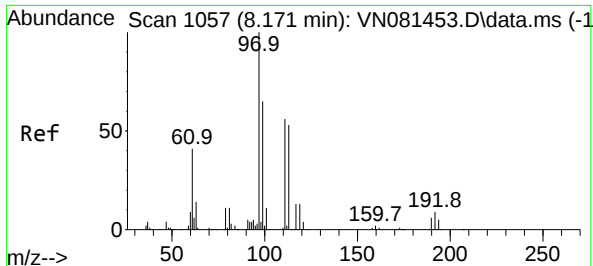
Ion Ratio Lower Upper

114 100

63 17.3 0.0 48.0

88 15.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.273 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN081475.D

Acq: 19 Mar 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

WASTE-COMPOSITE

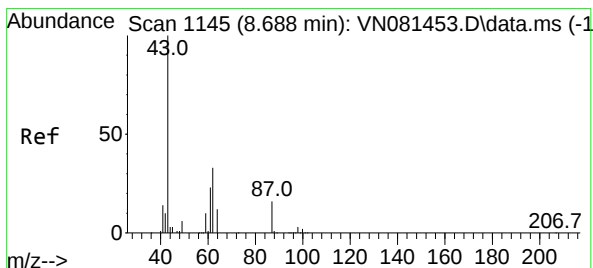
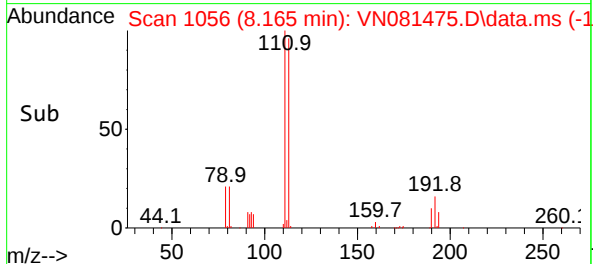
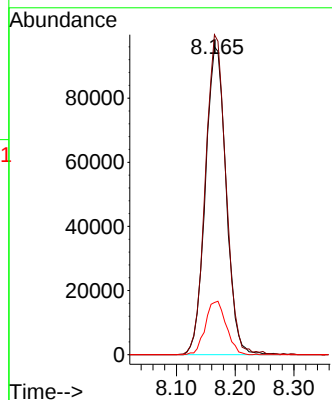
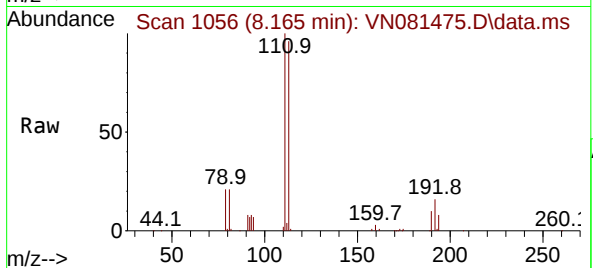
Tgt Ion:113 Resp: 235310

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 17.4 12.5 18.7



#43

Isopropyl Acetate

Concen: 37.529 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081475.D

Acq: 19 Mar 2024 16:57

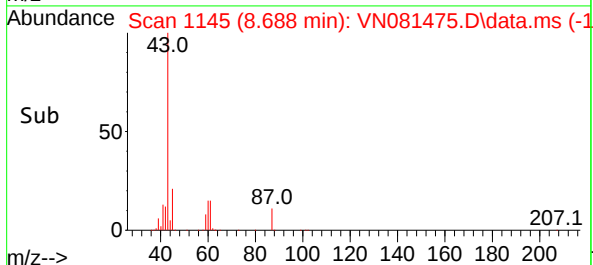
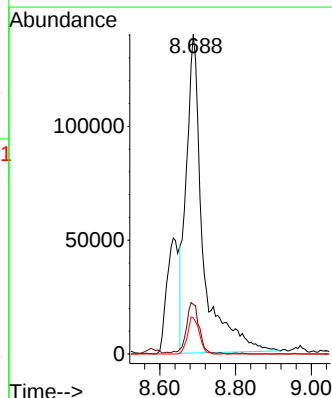
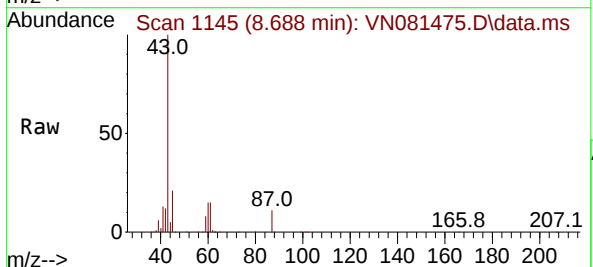
Tgt Ion: 43 Resp: 428109

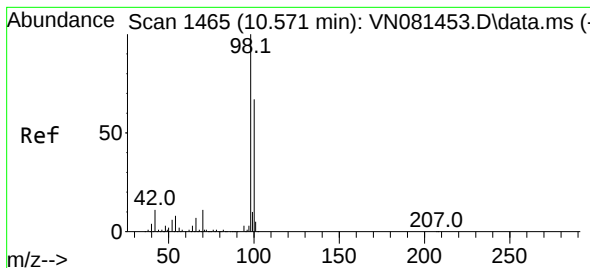
Ion Ratio Lower Upper

43 100

61 12.1 19.9 29.9#

87 8.1 9.0 13.6#





#50

Toluene-d8

Concen: 52.103 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081475.D

Acq: 19 Mar 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

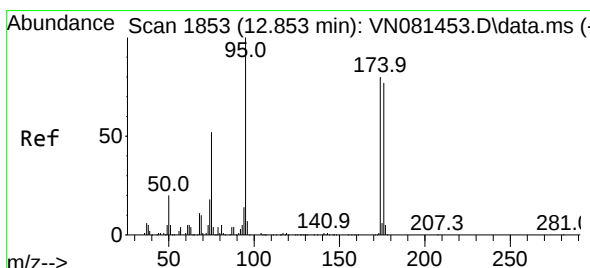
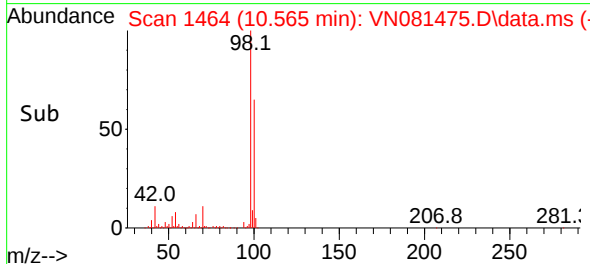
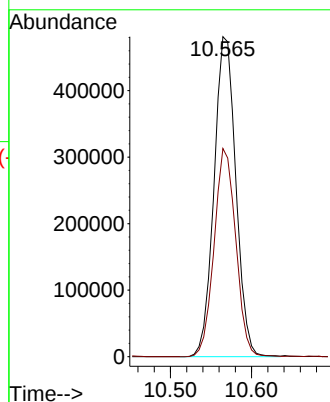
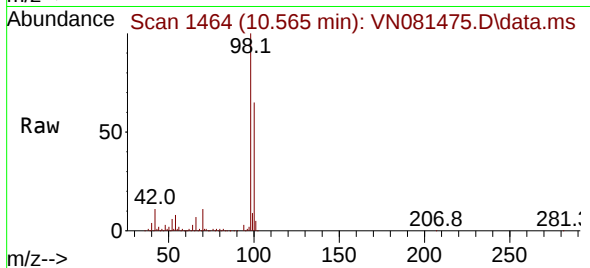
WASTE-COMPOSITE

Tgt Ion: 98 Resp: 899466

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 45.420 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081475.D

Acq: 19 Mar 2024 16:57

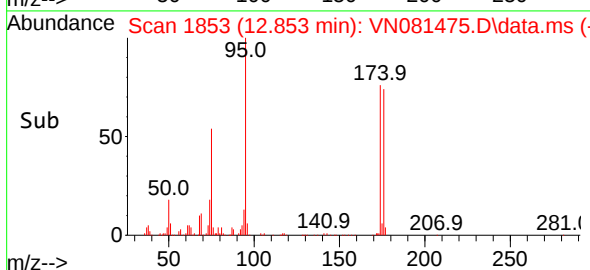
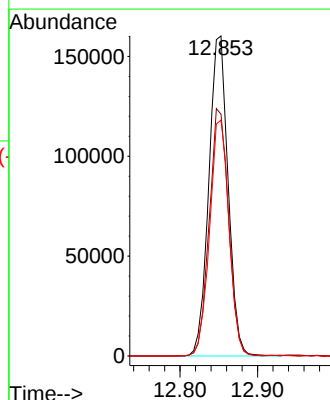
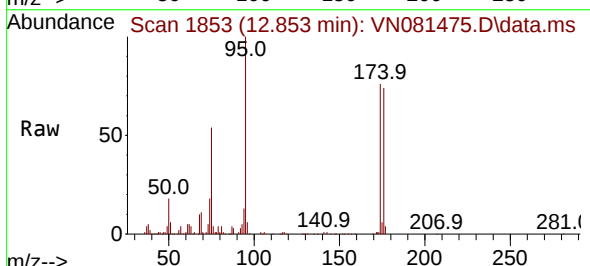
Tgt Ion: 95 Resp: 276289

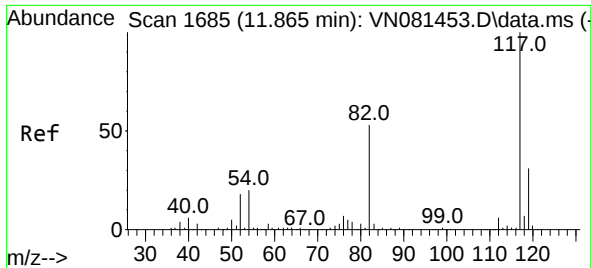
Ion Ratio Lower Upper

95 100

174 77.5 0.0 120.4

176 74.3 0.0 121.0

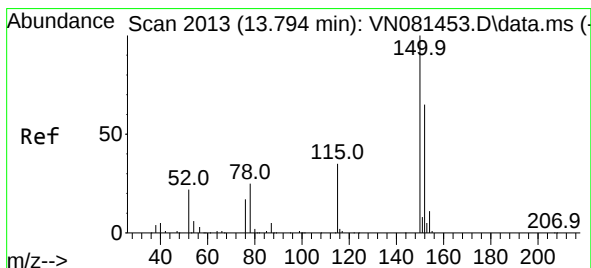
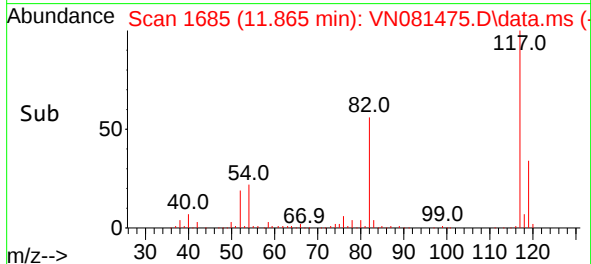
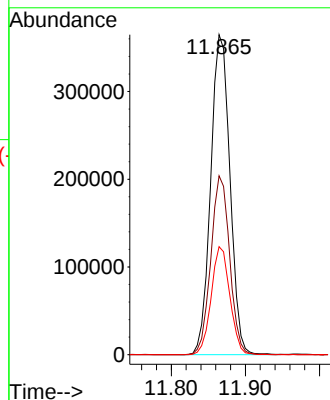
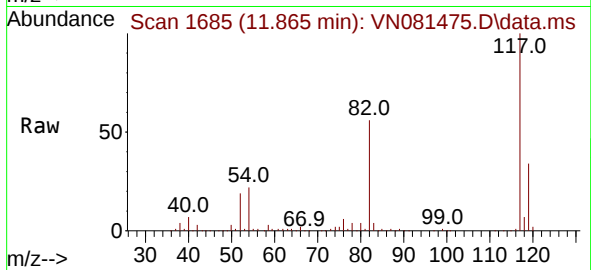




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081475.D
Acq: 19 Mar 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
WASTE-COMPOSITE

Tgt Ion:117 Resp: 657317
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 33.8 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: VN081475.D
Acq: 19 Mar 2024 16:57

Tgt Ion:152 Resp: 263297
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 155.7 0.0 339.8

