

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076150.D
 Acq On : 09 Jan 2023 12:52
 Operator : JC\MD
 Sample : 01052-01 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UST-DRUM

Quant Time: Jan 10 01:04:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

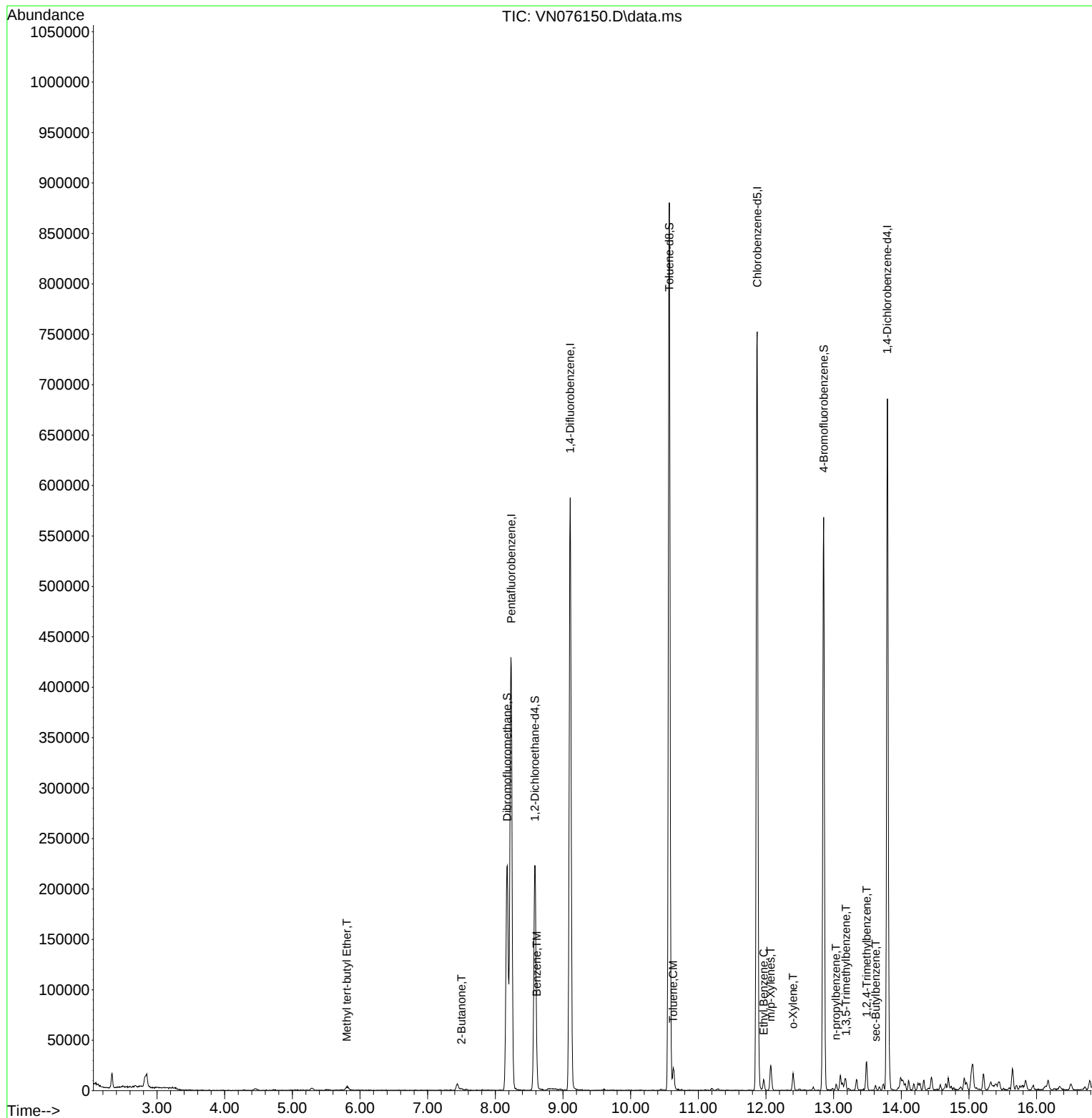
Internal Standards						
1) Pentafluorobenzene	8.235	168	339701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	462011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186126	50.364	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.720%	
35) Dibromofluoromethane	8.177	113	163654	49.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.880%	
50) Toluene-d8	10.571	98	616753	49.837	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.680%	
62) 4-Bromofluorobenzene	12.853	95	191165	46.639	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.280%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.806	73	6295	0.635	ug/l	# 83
25) 2-Butanone	7.500	43	2542	1.425	ug/l	100
40) Benzene	8.612	78	2991	0.220	ug/l	91
52) Toluene	10.629	92	9366	1.060	ug/l	96
67) Ethyl Benzene	11.965	91	7344	0.459	ug/l	96
68) m/p-Xylenes	12.070	106	8431	1.331	ug/l	97
69) o-Xylene	12.400	106	4331	0.691	ug/l	94
78) n-propylbenzene	13.035	91	5446	0.358	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	5502	0.476	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	16948	1.479	ug/l	96
85) sec-Butylbenzene	13.623	105	3552	0.253	ug/l	88

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

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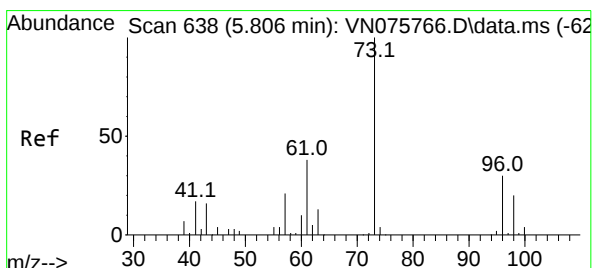
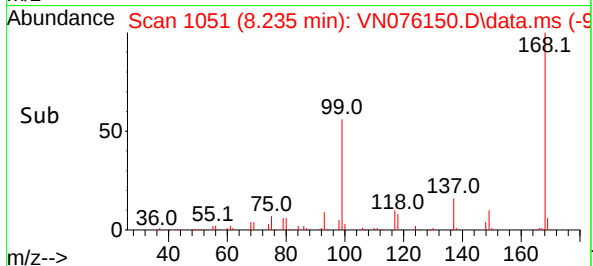
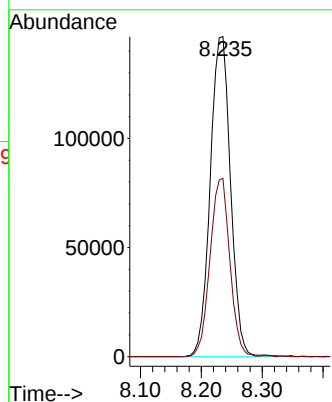
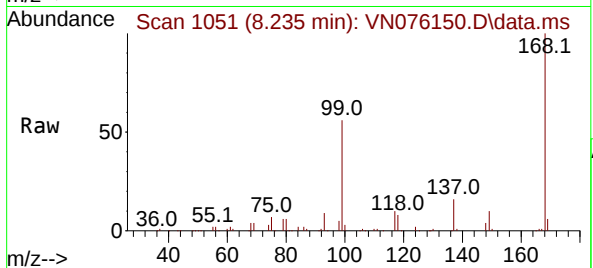




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

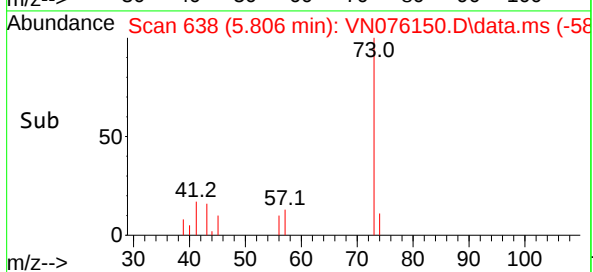
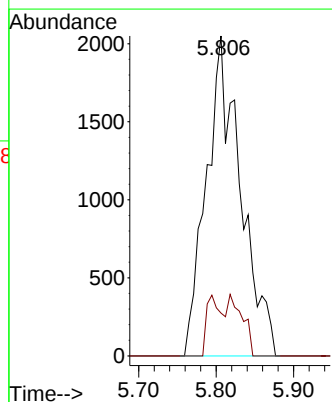
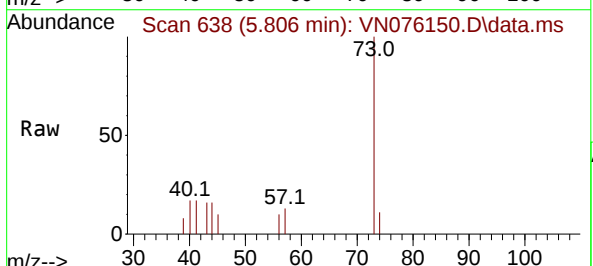
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

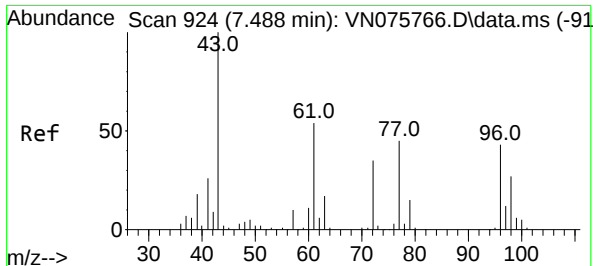
Tgt Ion:168 Resp: 339701
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#19
Methyl tert-butyl Ether
Concen: 0.635 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

Tgt Ion: 73 Resp: 6295
Ion Ratio Lower Upper
73 100
57 13.4 17.1 25.7#





#25

2-Butanone

Concen: 1.425 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076150.D

Acq: 09 Jan 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

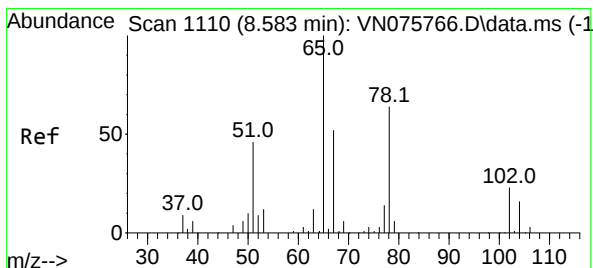
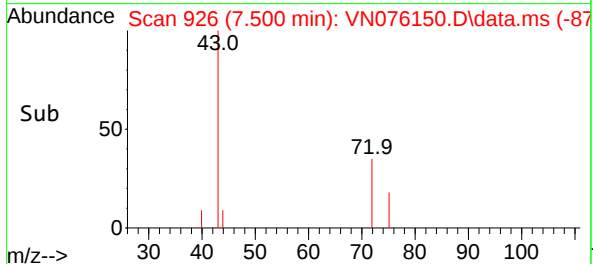
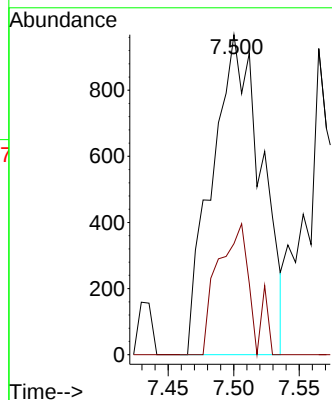
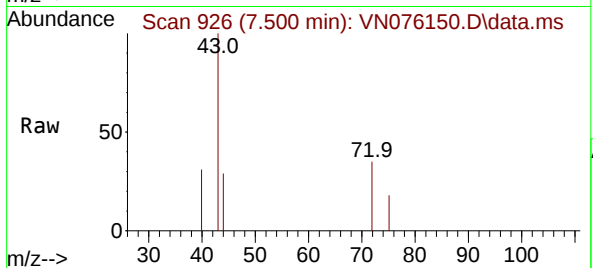
UST-DRUM

Tgt Ion: 43 Resp: 2542

Ion Ratio Lower Upper

43 100

72 34.7 28.0 42.0



#33

1,2-Dichloroethane-d4

Concen: 50.364 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076150.D

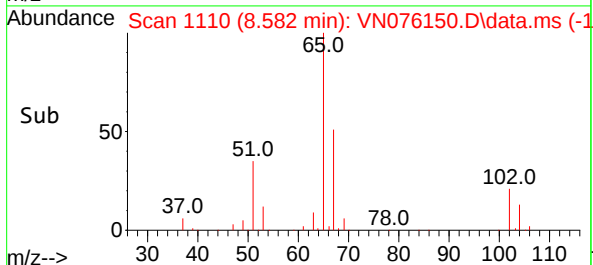
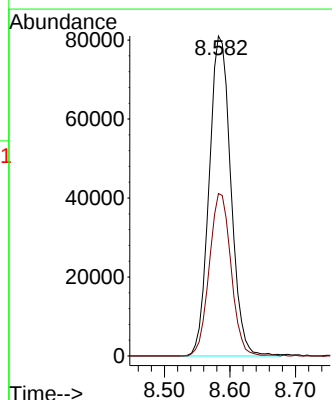
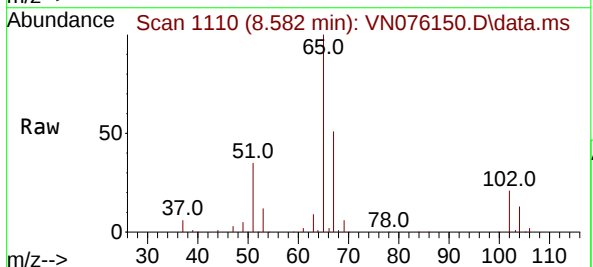
Acq: 09 Jan 2023 12:52

Tgt Ion: 65 Resp: 186126

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076150.D

Acq: 09 Jan 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

UST-DRUM

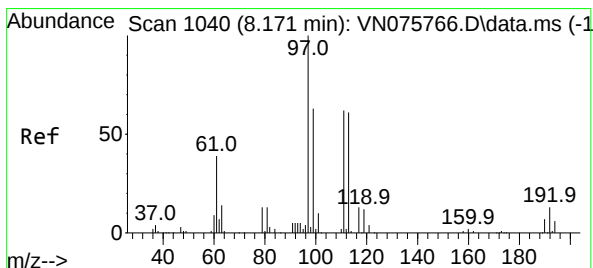
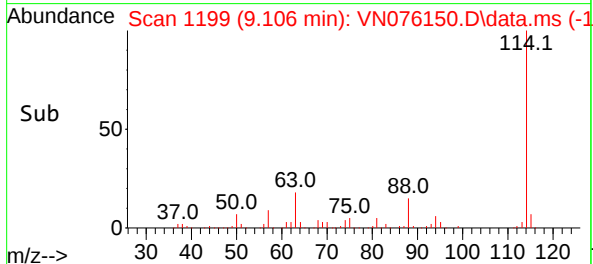
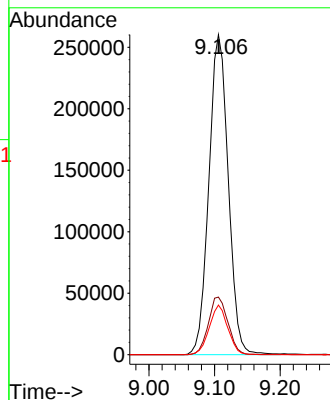
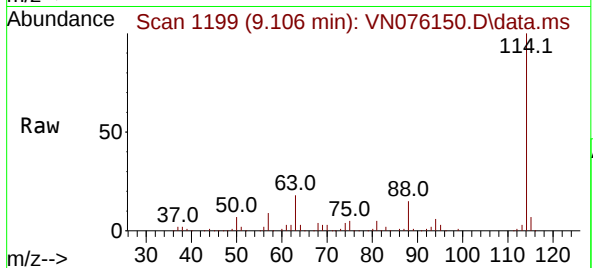
Tgt Ion:114 Resp: 534473

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 15.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.444 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076150.D

Acq: 09 Jan 2023 12:52

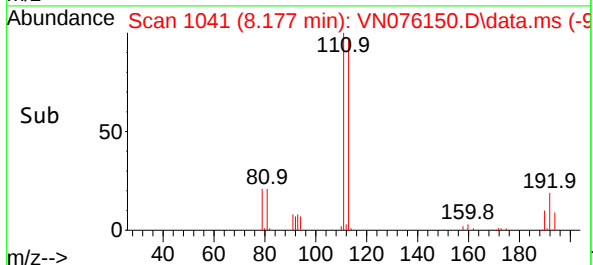
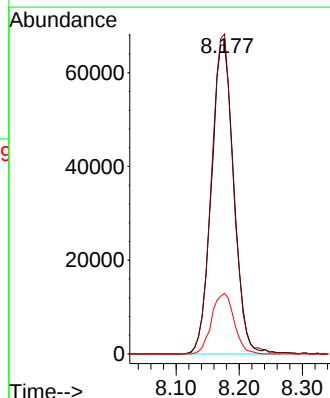
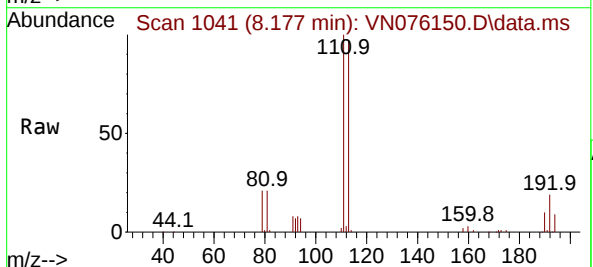
Tgt Ion:113 Resp: 163654

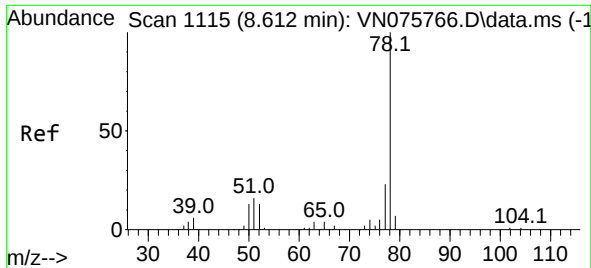
Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

192 19.5 16.1 24.1

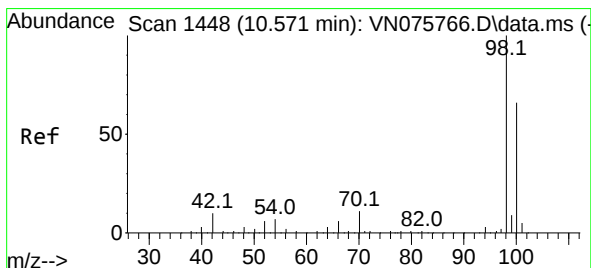
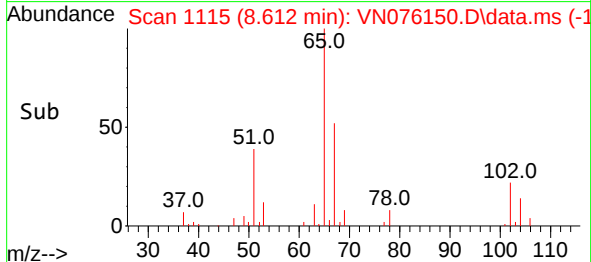
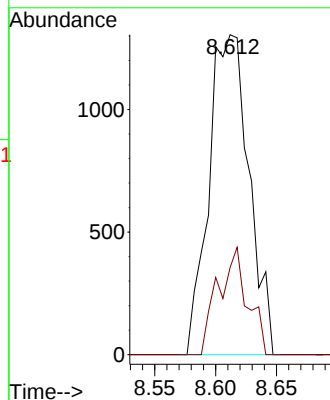
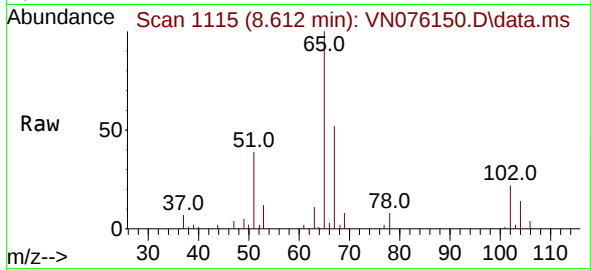




#40
Benzene
Concen: 0.220 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

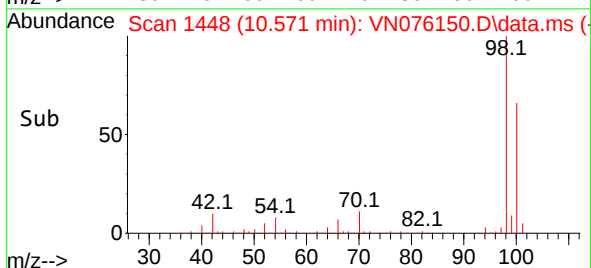
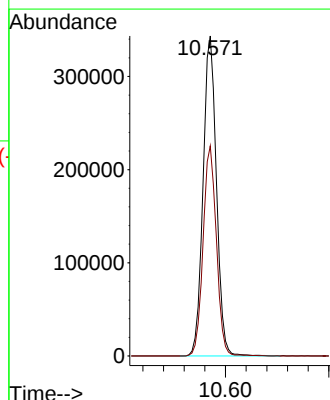
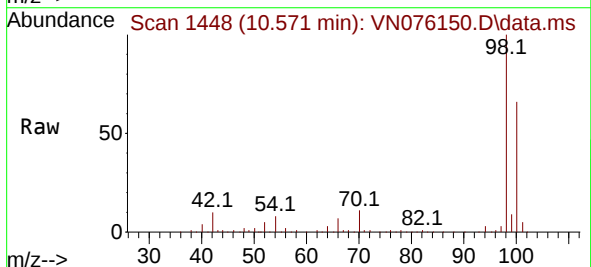
Instrument :
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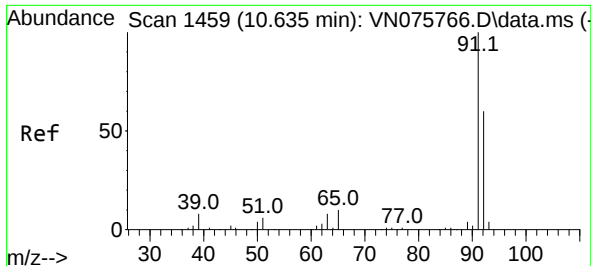
Tgt Ion: 78 Resp: 2991
Ion Ratio Lower Upper
78 100
77 27.3 18.5 27.7



#50
Toluene-d8
Concen: 49.837 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

Tgt Ion: 98 Resp: 616753
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

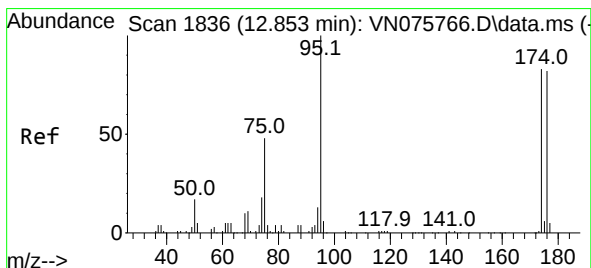
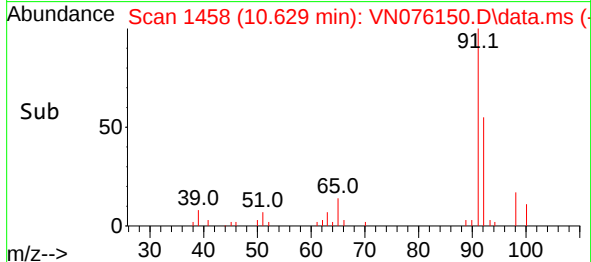
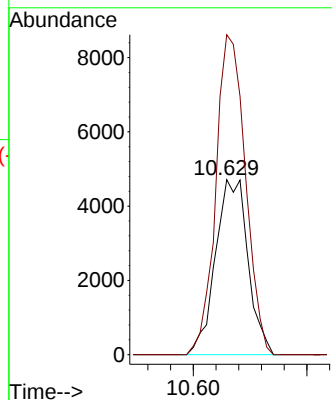
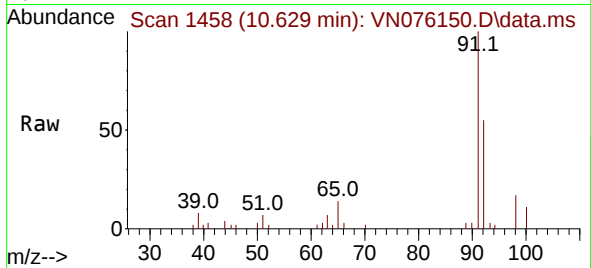




#52
Toluene
Concen: 1.060 ug/l
RT: 10.629 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

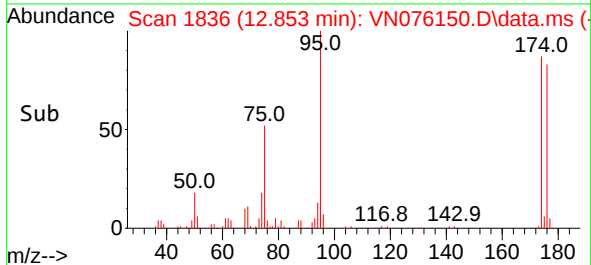
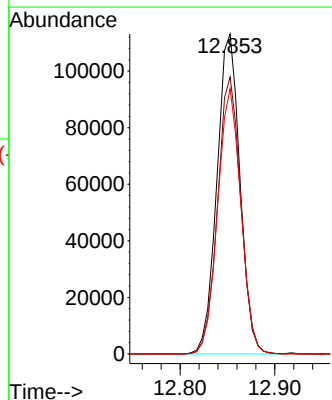
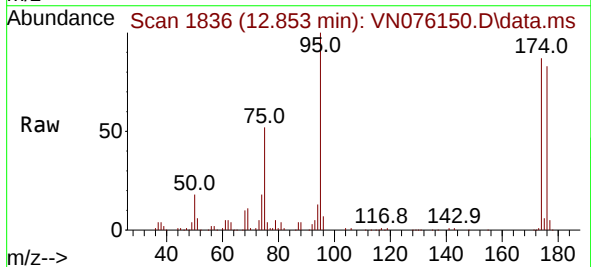
Instrument :
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UST-DRUM

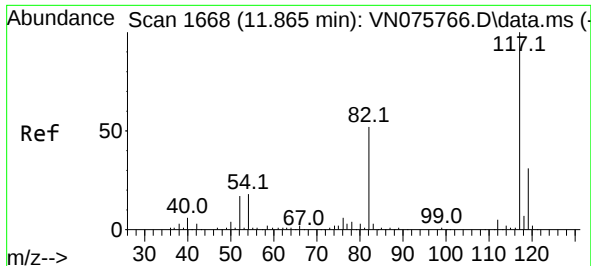
Tgt Ion: 92 Resp: 9366
Ion Ratio Lower Upper
92 100
91 166.6 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 46.639 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

Tgt Ion: 95 Resp: 191165
Ion Ratio Lower Upper
95 100
174 87.0 0.0 171.6
176 83.4 0.0 169.2

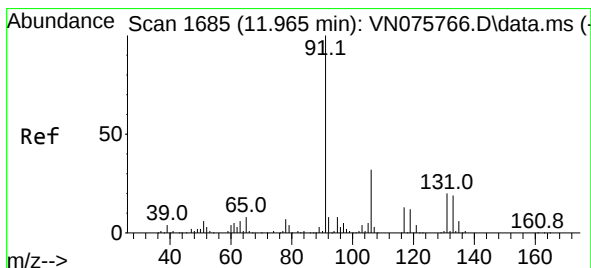
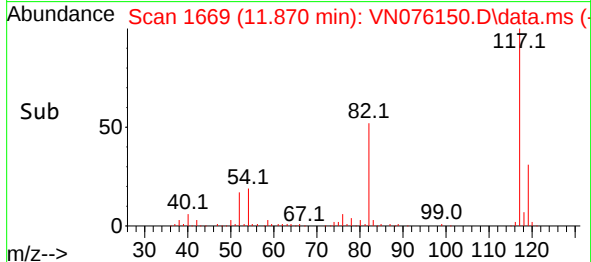
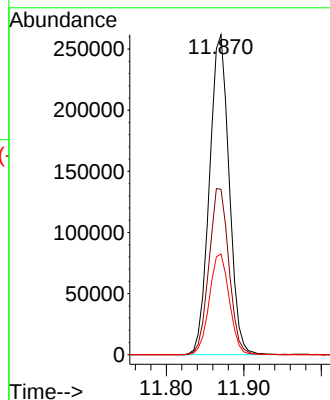
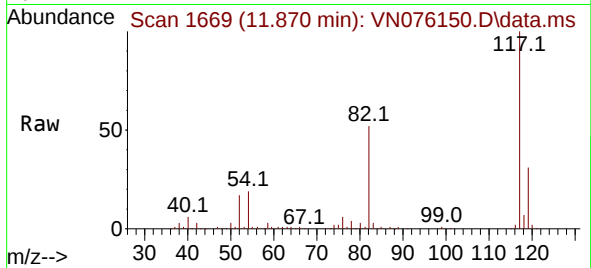




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

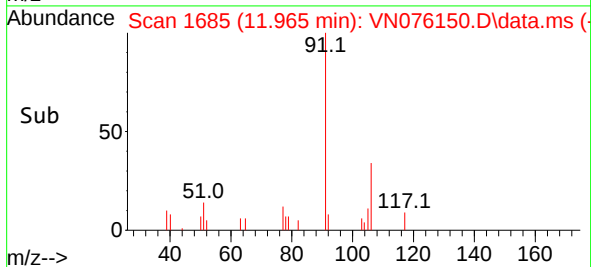
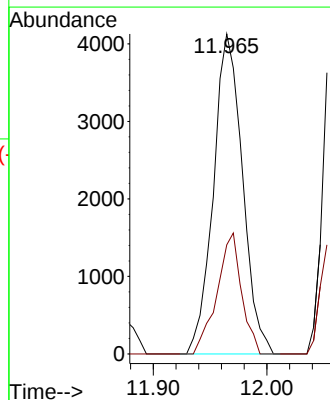
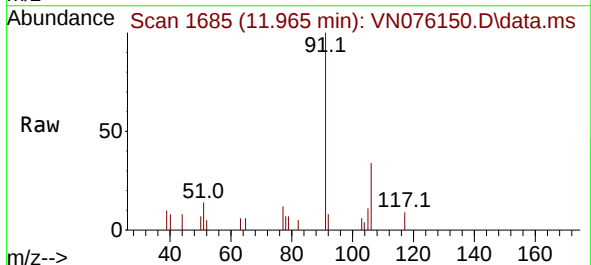
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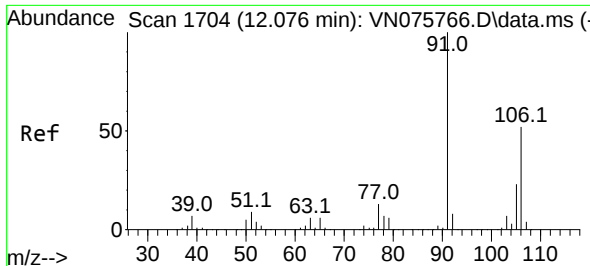
Tgt Ion:117 Resp: 462011
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 31.5 24.6 37.0



#67
Ethyl Benzene
Concen: 0.459 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

Tgt Ion: 91 Resp: 7344
Ion Ratio Lower Upper
91 100
106 34.1 25.7 38.5

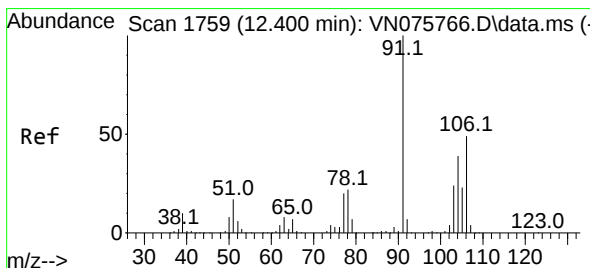
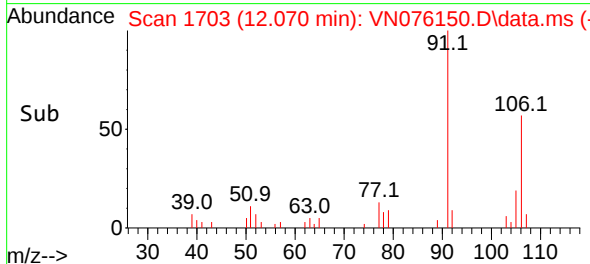
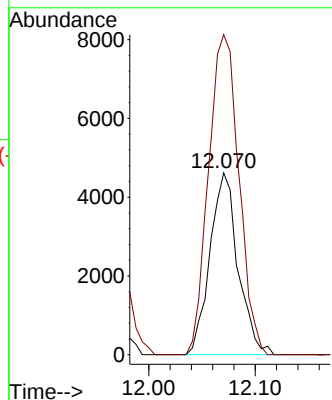
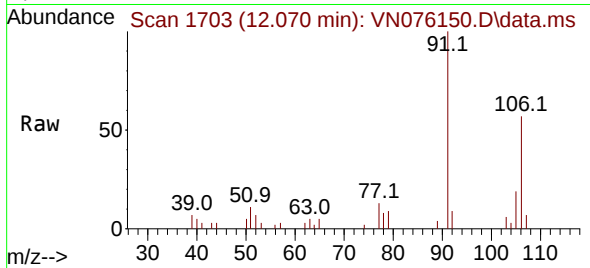




#68
m/p-Xylenes
Concen: 1.331 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

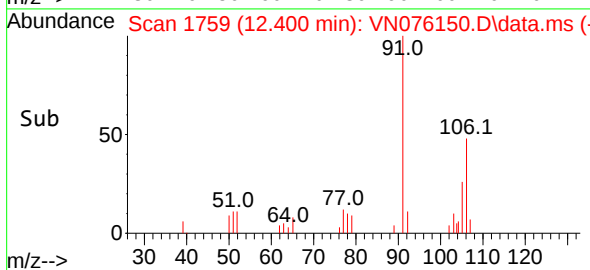
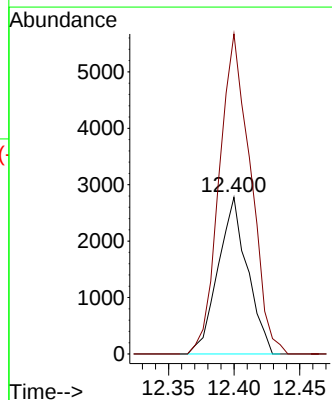
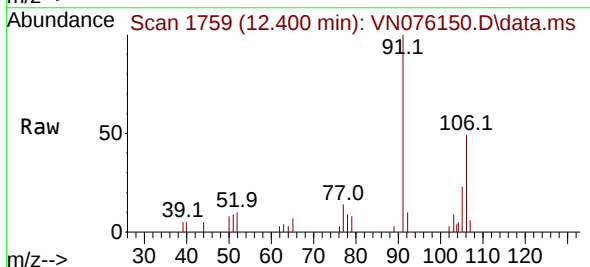
Instrument :
MSVOA_N
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UST-DRUM

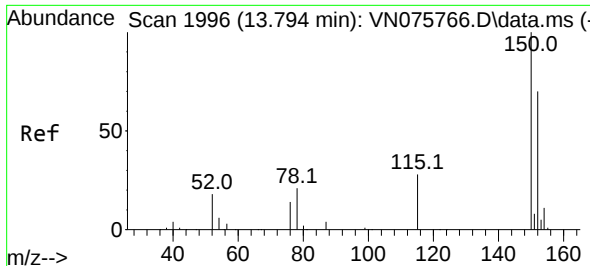
Tgt Ion:106 Resp: 8431
Ion Ratio Lower Upper
106 100
91 190.9 156.6 235.0



#69
o-Xylene
Concen: 0.691 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

Tgt Ion:106 Resp: 4331
Ion Ratio Lower Upper
106 100
91 217.4 103.8 311.6

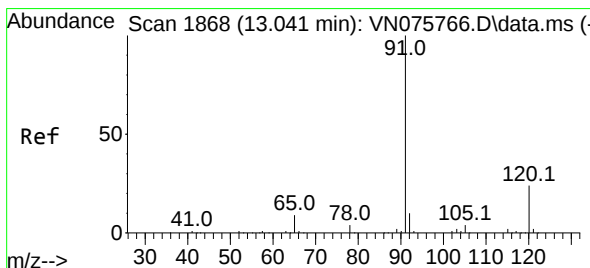
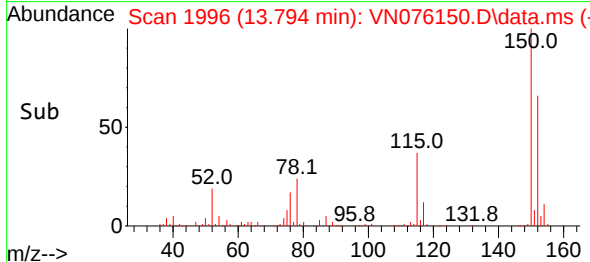
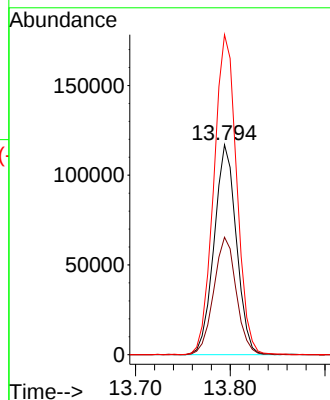
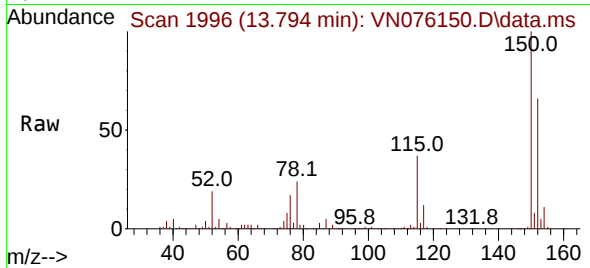




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

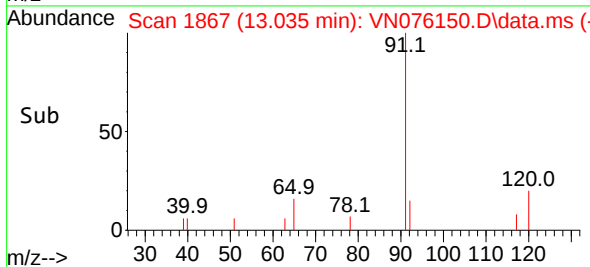
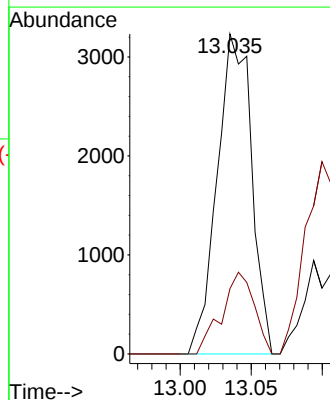
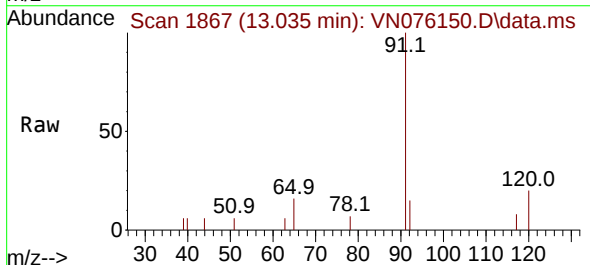
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

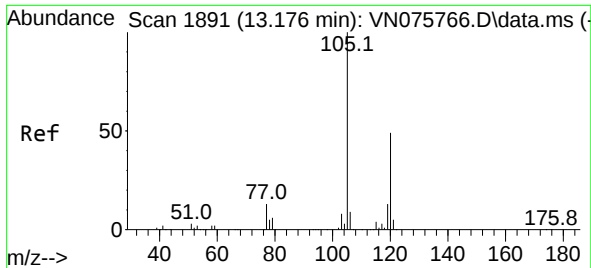
Tgt Ion:152 Resp: 191004
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.4
150 156.7 0.0 347.0



#78
n-propylbenzene
Concen: 0.358 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

Tgt Ion: 91 Resp: 5446
Ion Ratio Lower Upper
91 100
120 24.1 12.0 36.1

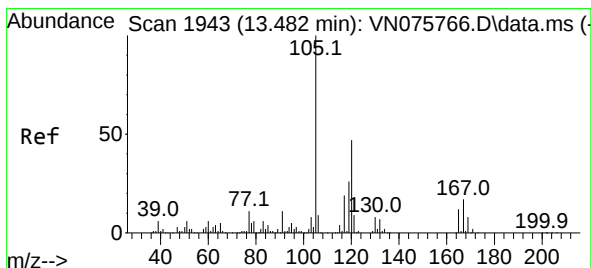
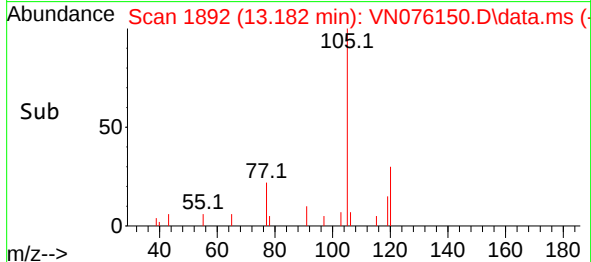
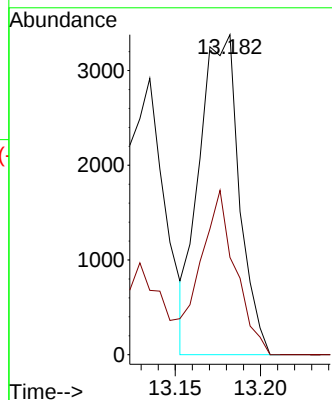
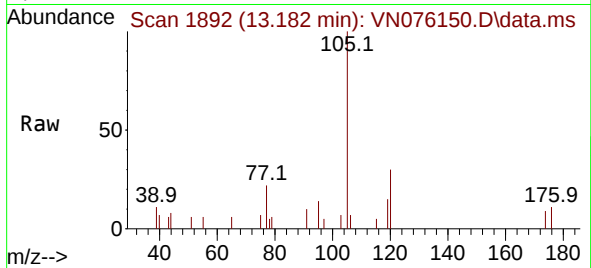




#80
1,3,5-Trimethylbenzene
Concen: 0.476 ug/l
RT: 13.182 min Scan# 1892
Delta R.T. 0.006 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

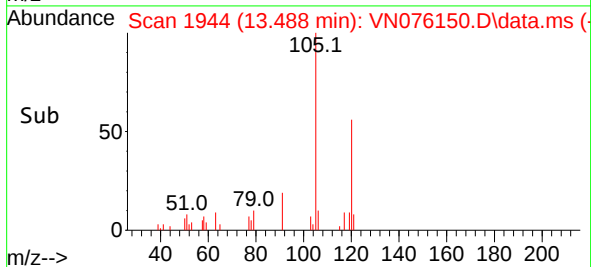
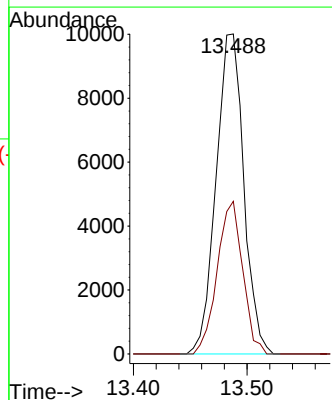
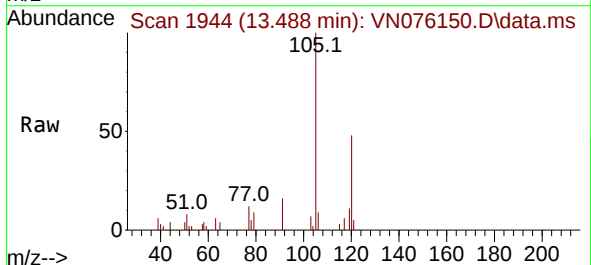
Instrument :
MSVOA_N
ClientSampleId :
UST-DRUM

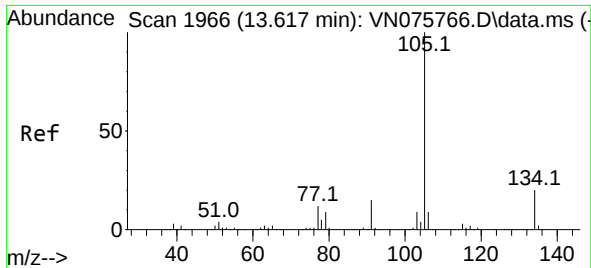
Tgt Ion:105 Resp: 5502
Ion Ratio Lower Upper
105 100
120 46.7 24.7 74.1



#84
1,2,4-Trimethylbenzene
Concen: 1.479 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076150.D
Acq: 09 Jan 2023 12:52

Tgt Ion:105 Resp: 16948
Ion Ratio Lower Upper
105 100
120 43.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 0.253 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN076150.D
 Acq: 09 Jan 2023 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 UST-DRUM

Tgt Ion:105 Resp: 3552
 Ion Ratio Lower Upper
 105 100
 134 25.7 10.1 30.1

