

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006122.D
 Acq On : 23 Sep 2021 14:24
 Operator : SY/MD
 Sample : M3889-01
 Misc : 6.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-UST-03-(5-7)

Quant Time: Sep 24 07:28:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

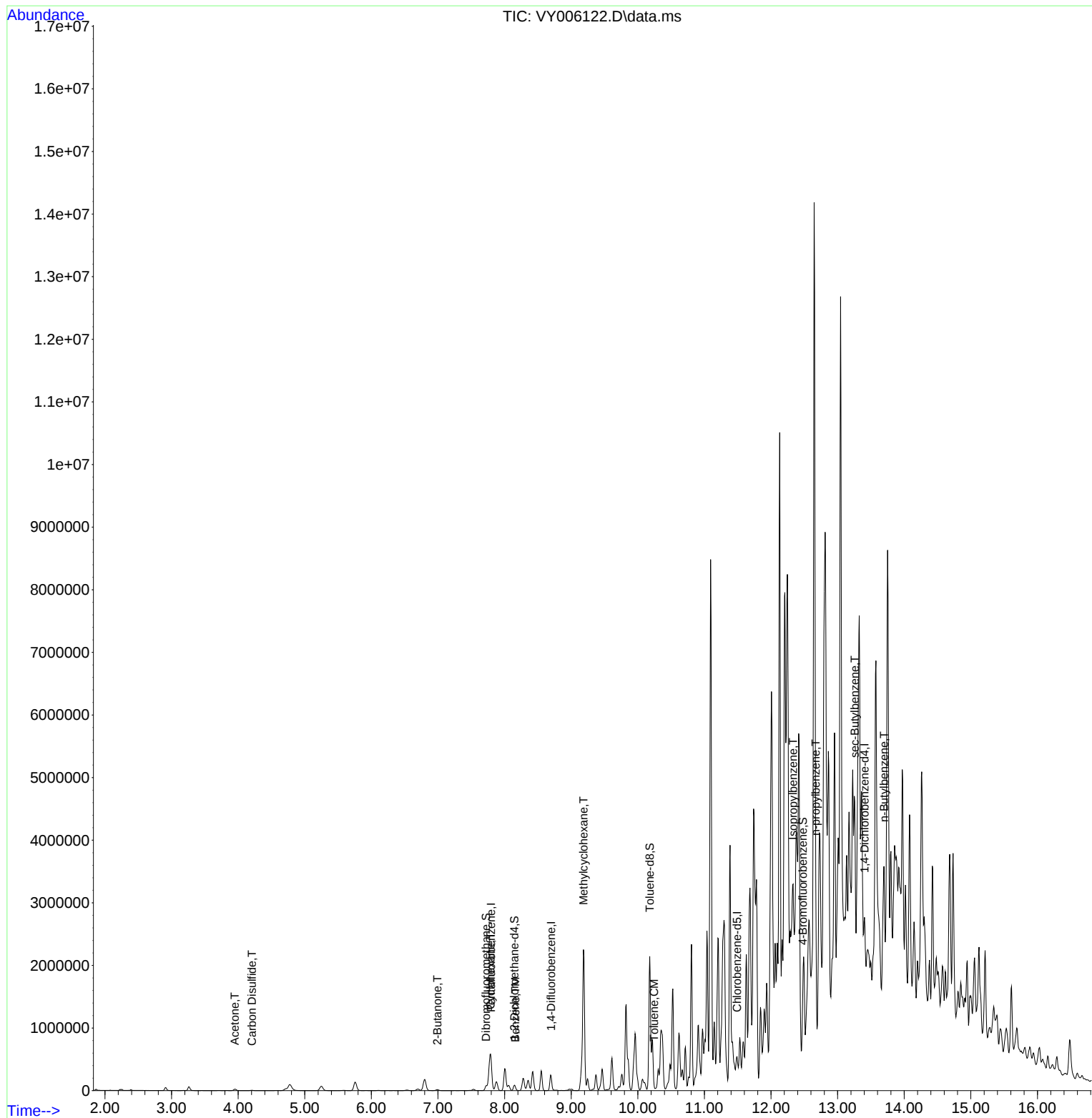
Internal Standards						
1) Pentafluorobenzene	7.795	168	116445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89884	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	64561	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	69378	42.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.780%
35) Dibromofluoromethane	7.722	113	50357	46.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.200%
50) Toluene-d8	10.179	98	269446	58.509	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.020%
62) 4-Bromofluorobenzene	12.477	95	155593	99.513	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	199.020%#
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	35976	81.092	ug/l	93
17) Carbon Disulfide	4.204	76	11972	3.083	ug/l	98
25) 2-Butanone	6.990	43	17080	27.933	ug/l	94
31) Cyclohexane	7.789	56	238295	91.967	ug/l	96
39) Methylcyclohexane	9.185	83	890312	382.567	ug/l	99
40) Benzene	8.161	78	10704	1.988	ug/l	98
52) Toluene	10.246	92	3537	1.066	ug/l #	71
73) Isopropylbenzene	12.331	105	473352	93.629	ug/l	100
78) n-propylbenzene	12.672	91	904797	144.649	ug/l	98
85) sec-Butylbenzene	13.257	105	708454	131.971	ug/l	80
89) n-Butylbenzene	13.696	91	583289	136.100	ug/l #	87

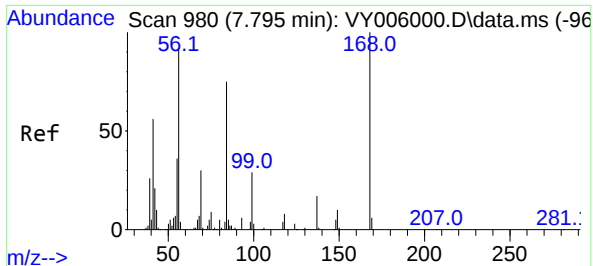
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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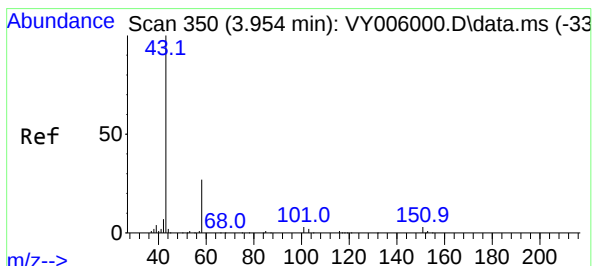
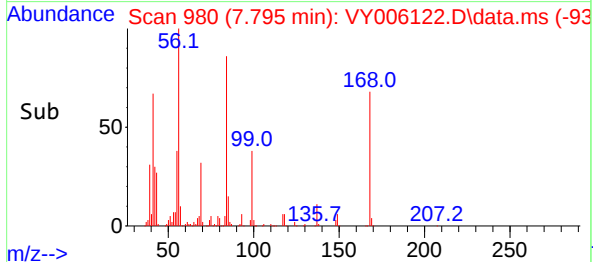
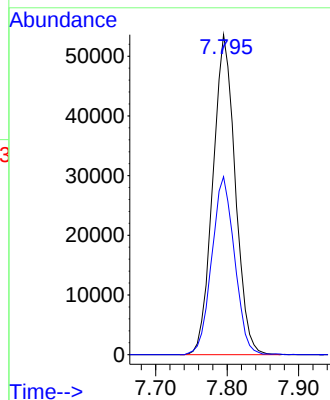
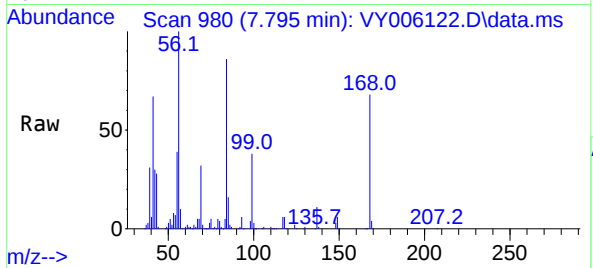




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

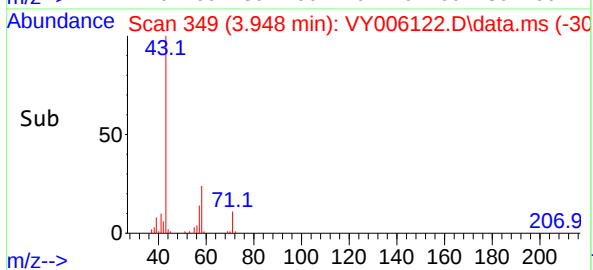
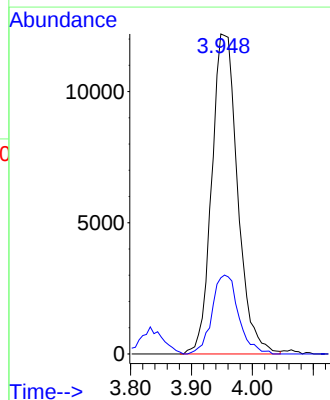
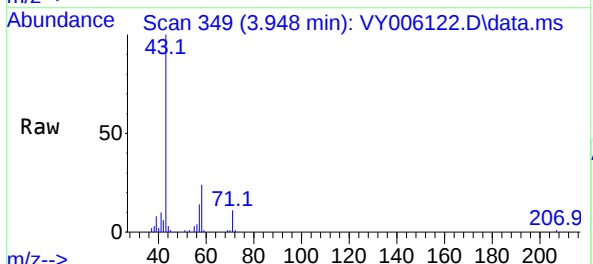
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-03-(5-7)

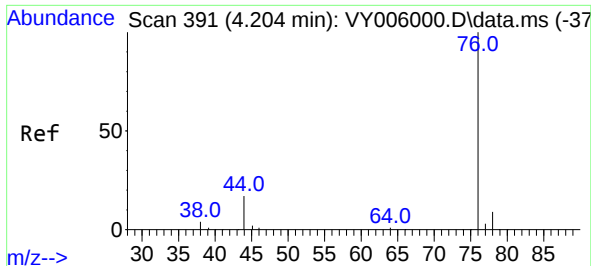
Tgt Ion:168 Resp: 116445
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#16
Acetone
Concen: 81.092 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

Tgt Ion: 43 Resp: 35976
Ion Ratio Lower Upper
43 100
58 23.8 22.0 33.0

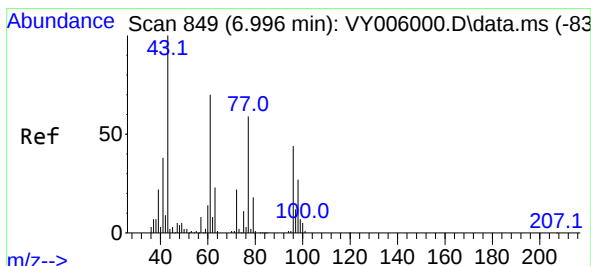
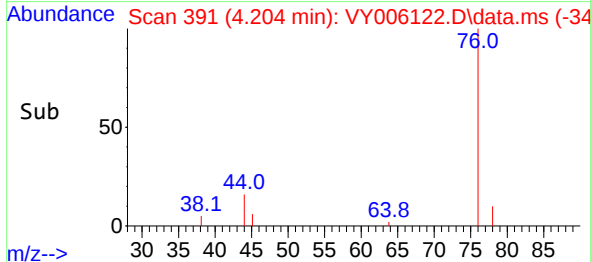
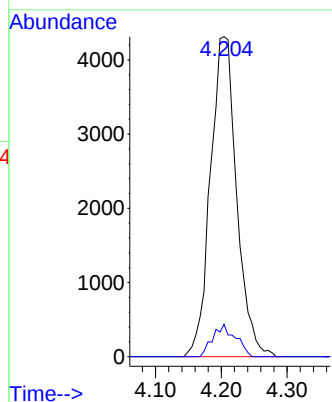
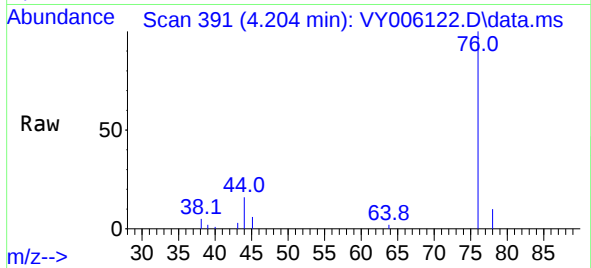




#17
Carbon Disulfide
Concen: 3.083 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

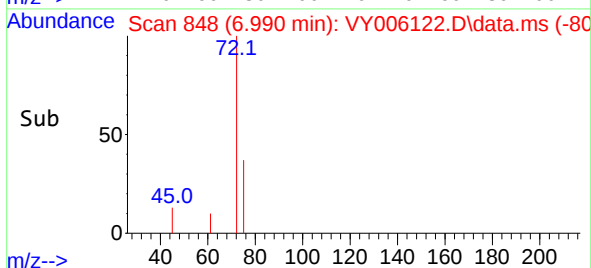
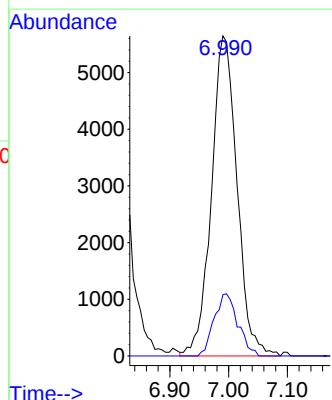
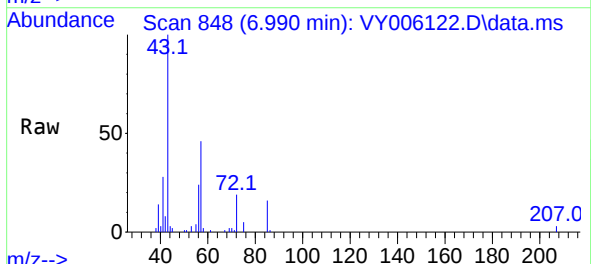
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-03-(5-7)

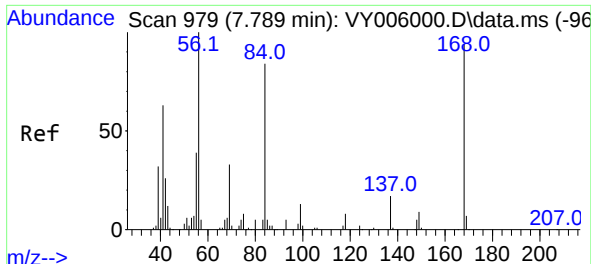
Tgt Ion: 76 Resp: 11972
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#25
2-Butanone
Concen: 27.933 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

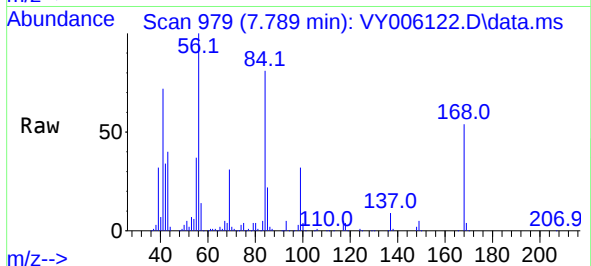
Tgt Ion: 43 Resp: 17080
Ion Ratio Lower Upper
43 100
72 19.1 17.7 26.5



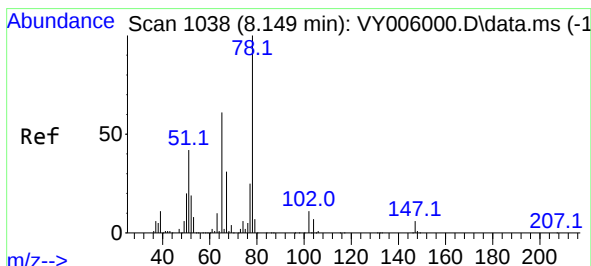
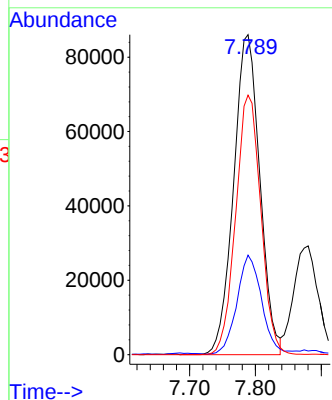
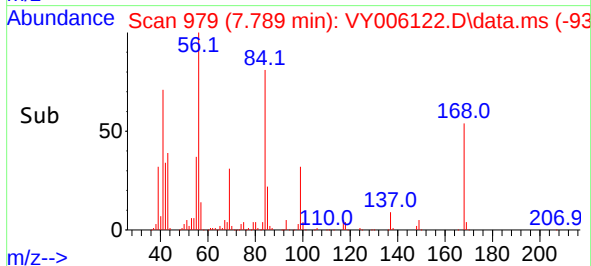


#31
Cyclohexane
Concen: 91.967 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

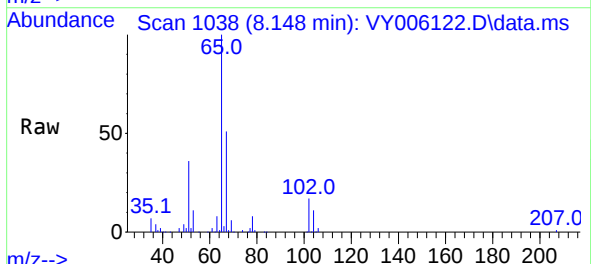
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-03-(5-7)



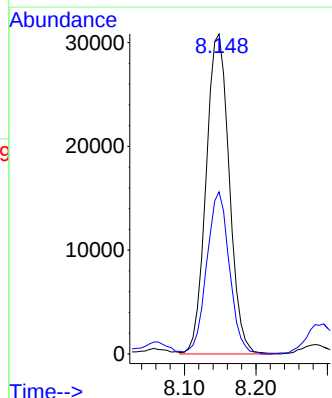
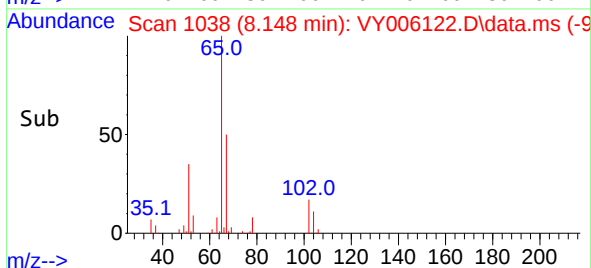
Tgt Ion: 56 Resp: 238295
Ion Ratio Lower Upper
56 100
69 30.5 26.7 40.1
84 81.1 67.2 100.8

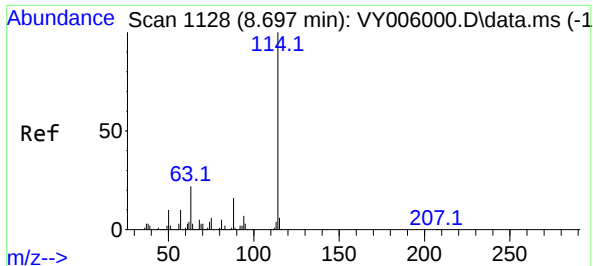


#33
1,2-Dichloroethane-d4
Concen: 42.892 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24



Tgt Ion: 65 Resp: 69378
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4

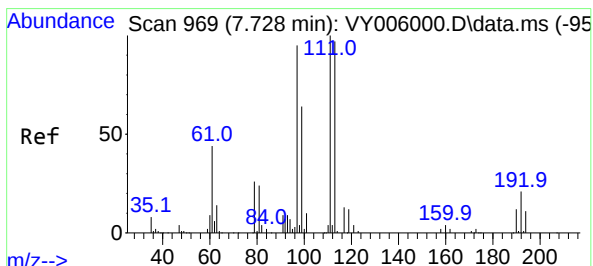
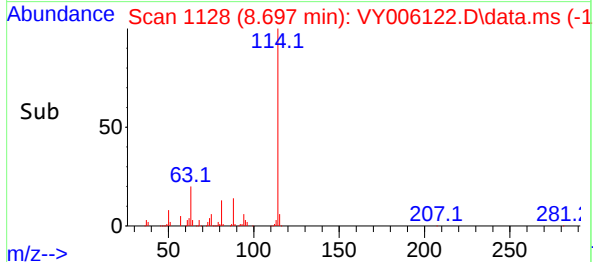
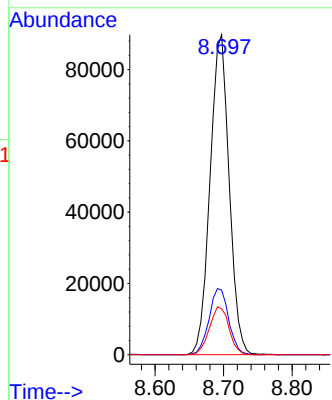
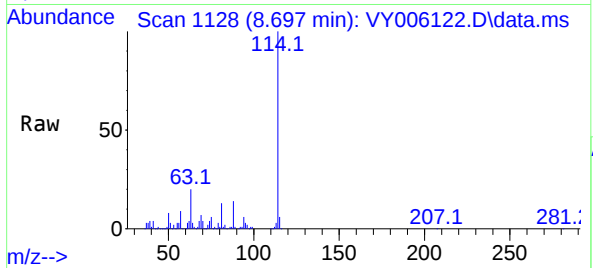




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

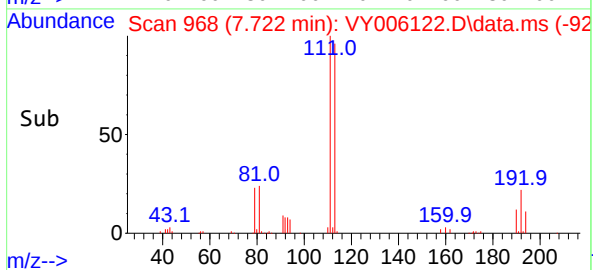
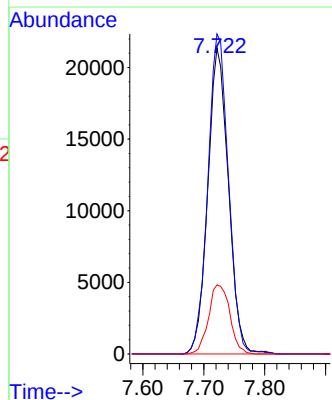
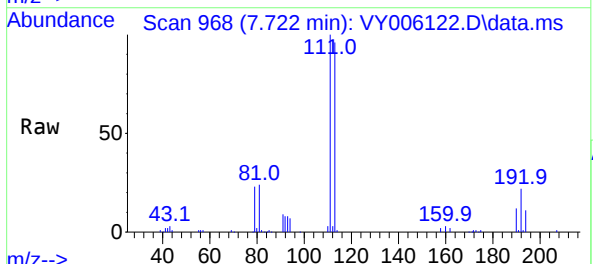
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-03-(5-7)

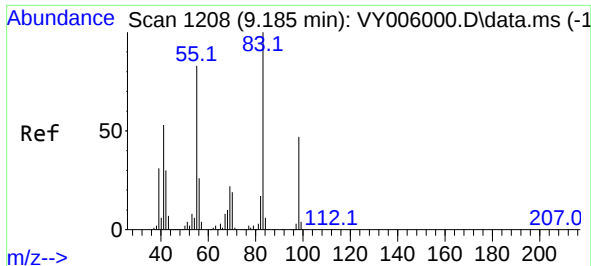
Tgt Ion:	114	Resp:	173963
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.2
88	14.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 46.605 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

Tgt Ion:	113	Resp:	50357
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	23.3	17.6	26.4





#39

Methylcyclohexane

Concen: 382.567 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY006122.D

Acq: 23 Sep 2021 14:24

Instrument :

MSVOA_Y

ClientSampleId :

SUP-UST-03-(5-7)

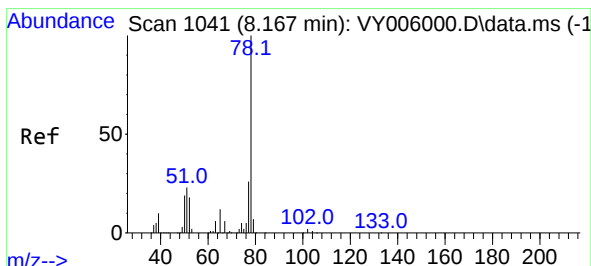
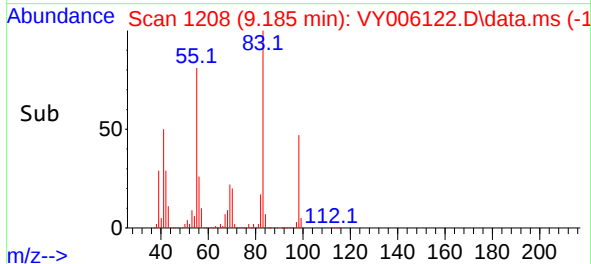
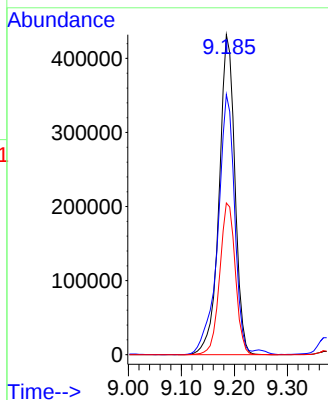
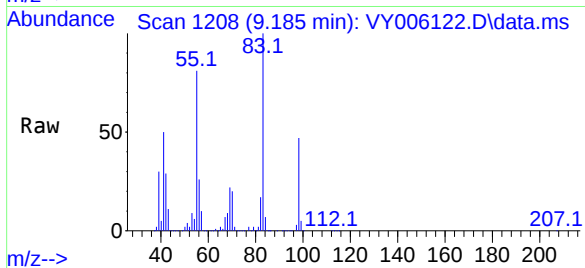
Tgt Ion: 83 Resp: 890312

Ion Ratio Lower Upper

83 100

55 81.3 66.5 99.7

98 47.4 37.9 56.9



#40

Benzene

Concen: 1.988 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY006122.D

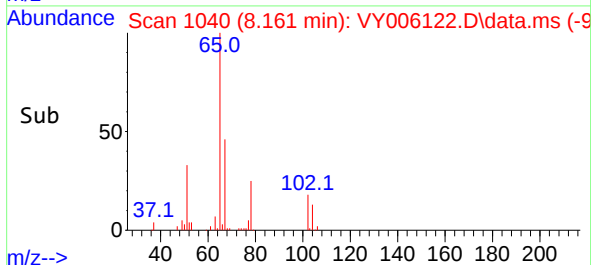
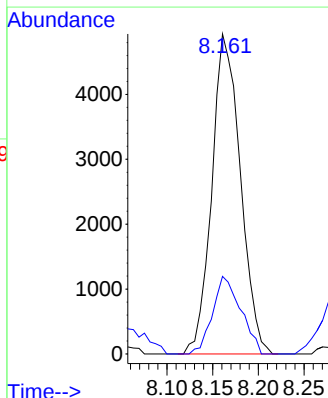
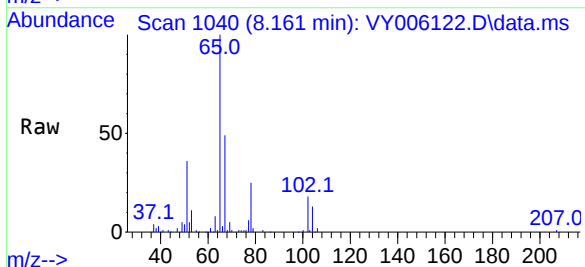
Acq: 23 Sep 2021 14:24

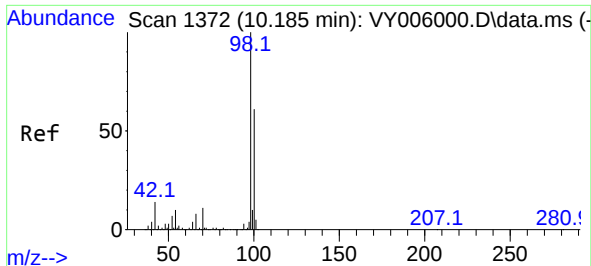
Tgt Ion: 78 Resp: 10704

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

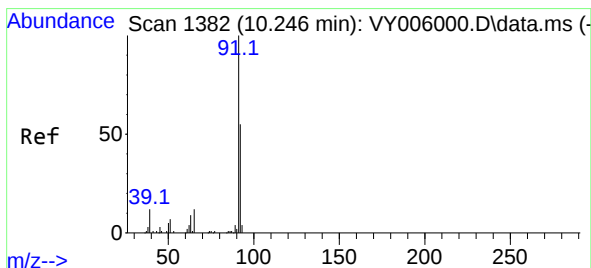
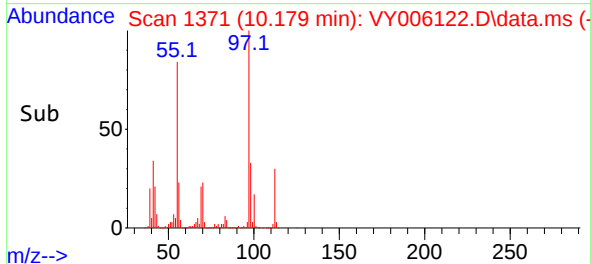
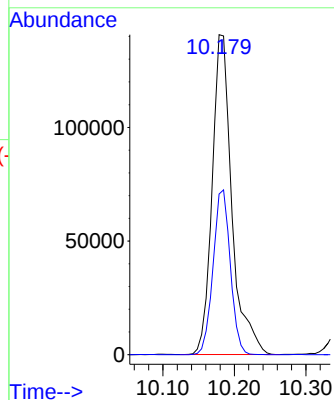
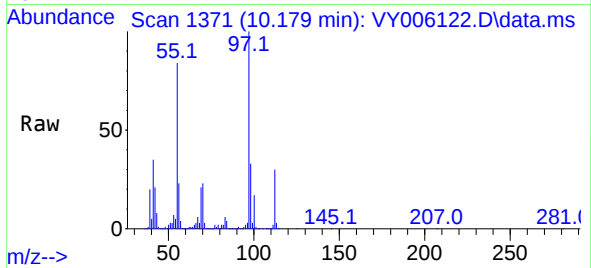




#50
Toluene-d8
Concen: 58.509 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

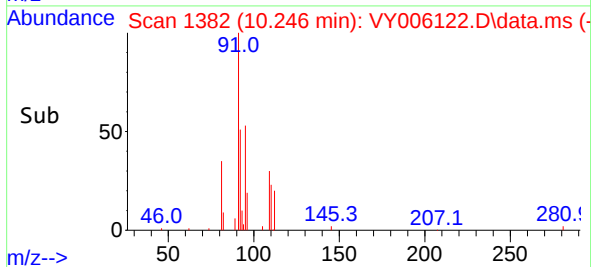
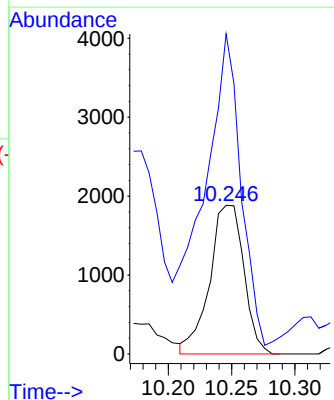
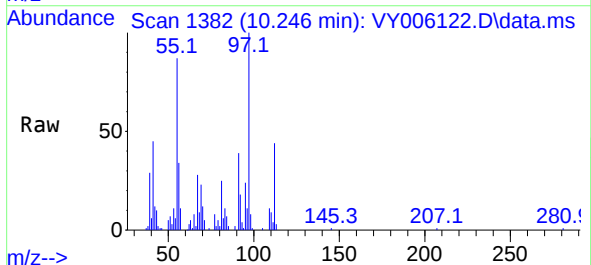
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SUP-UST-03-(5-7)

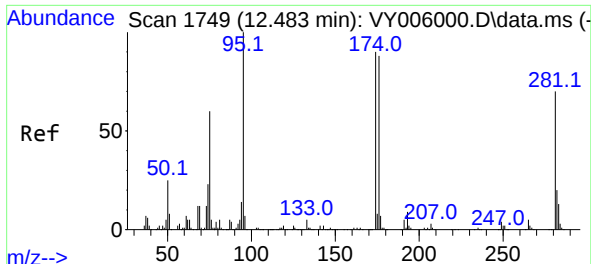
Tgt Ion: 98 Resp: 269446
Ion Ratio Lower Upper
98 100
100 45.1 50.2 75.2#



#52
Toluene
Concen: 1.066 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

Tgt Ion: 92 Resp: 3537
Ion Ratio Lower Upper
92 100
91 219.1 142.6 213.8#

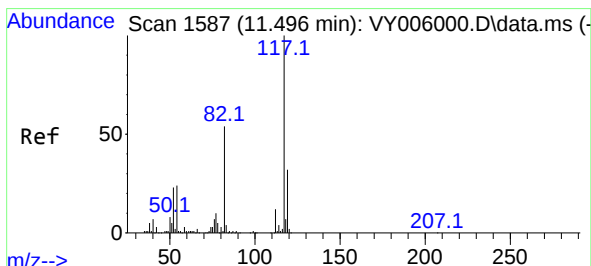
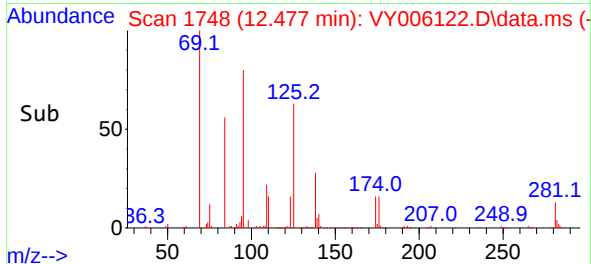
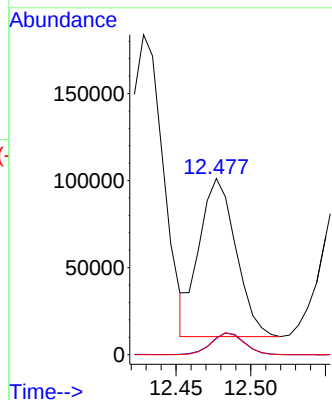
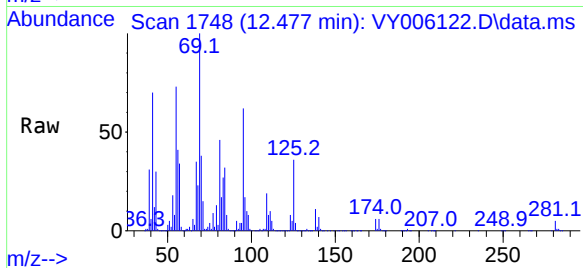




#62
4-Bromofluorobenzene
Concen: 99.513 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

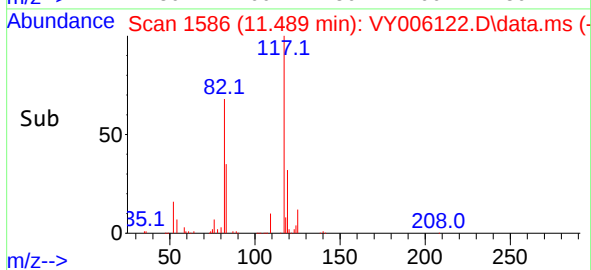
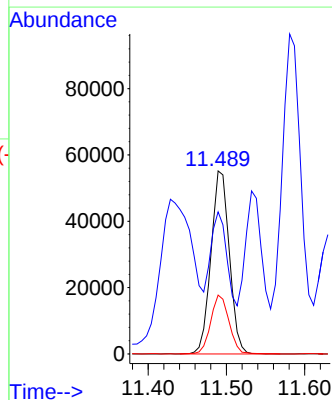
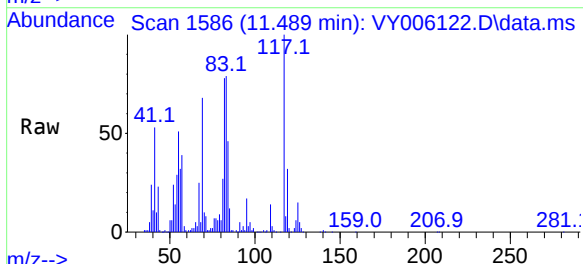
Instrument :
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SUP-UST-03-(5-7)

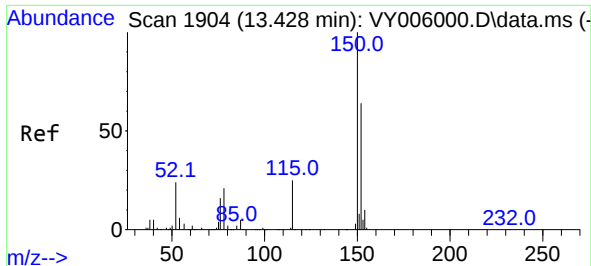
Tgt Ion: 95 Resp: 155593
Ion Ratio Lower Upper
95 100
174 12.5 0.0 177.0
176 12.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

Tgt Ion: 117 Resp: 89884
Ion Ratio Lower Upper
117 100
82 0.0 43.0 64.4#
119 32.2 25.4 38.0

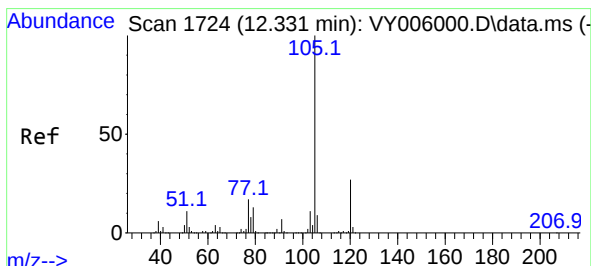
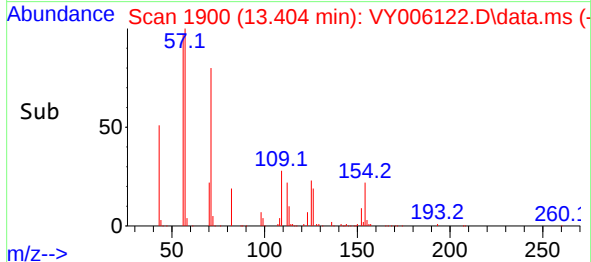
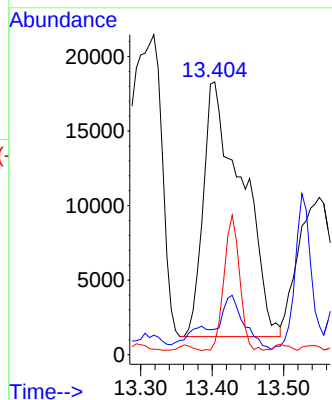
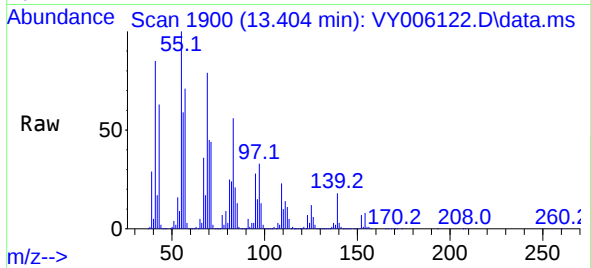




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.025 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

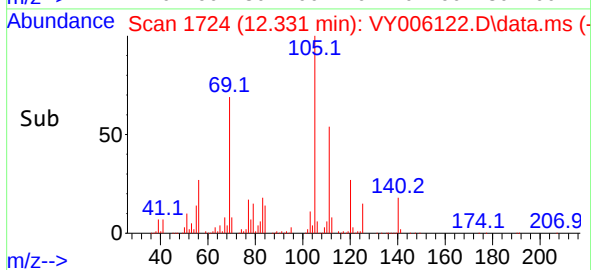
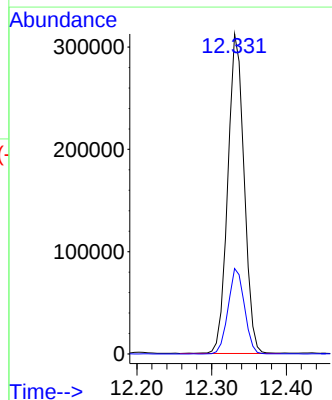
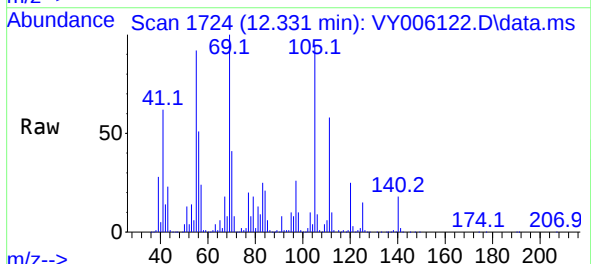
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-03-(5-7)

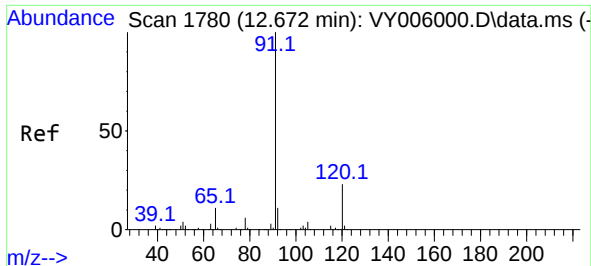
Tgt Ion:152 Resp: 64561
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



#73
Isopropylbenzene
Concen: 93.629 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

Tgt Ion:105 Resp: 473352
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

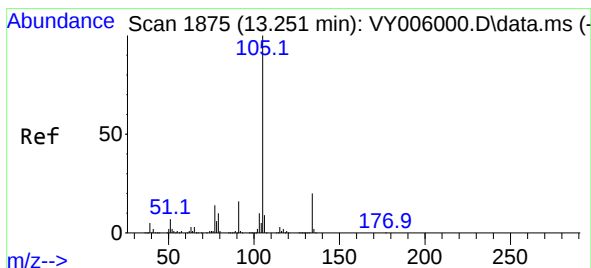
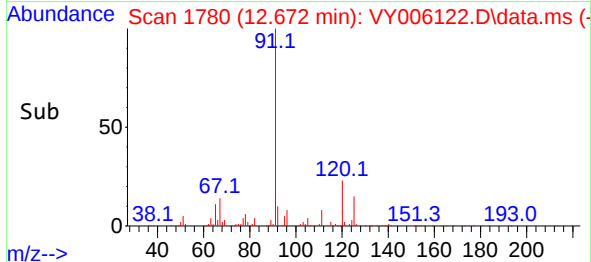
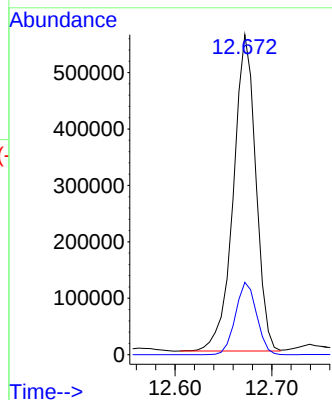
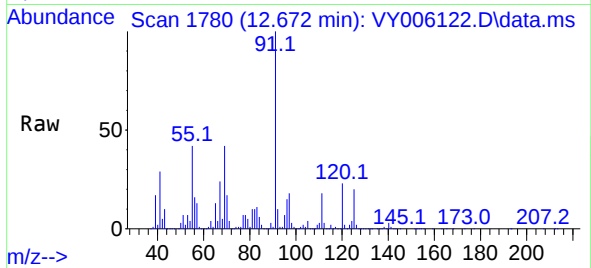




#78
n-propylbenzene
Concen: 144.649 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

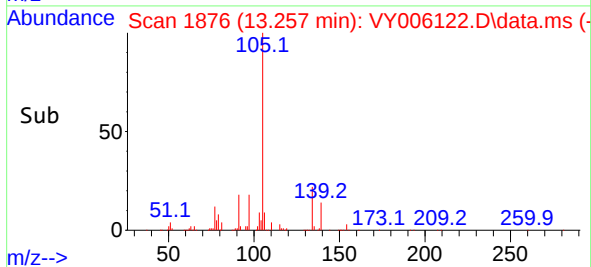
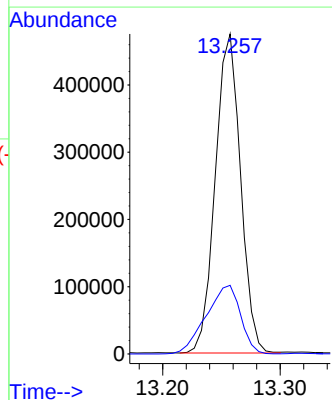
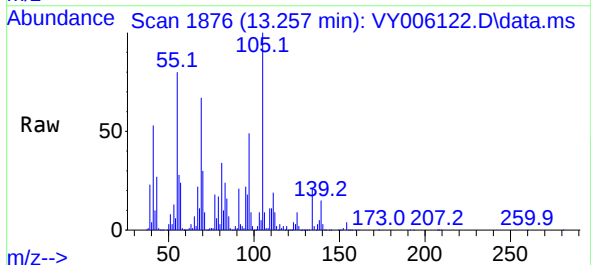
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-03-(5-7)

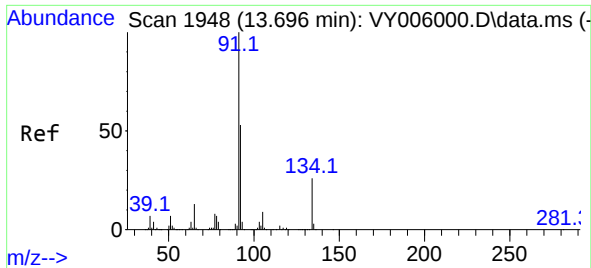
Tgt Ion: 91 Resp: 904797
Ion Ratio Lower Upper
91 100
120 21.5 11.3 33.9



#85
sec-Butylbenzene
Concen: 131.971 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

Tgt Ion:105 Resp: 708454
Ion Ratio Lower Upper
105 100
134 29.4 10.2 30.4





#89
n-Butylbenzene
Concen: 136.100 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006122.D
Acq: 23 Sep 2021 14:24

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-03-(5-7)

Tgt Ion: 91 Resp: 583289
Ion Ratio Lower Upper
91 100
92 48.1 26.3 78.9
134 38.9 13.0 38.9#

