

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006020.D
 Acq On : 15 Sep 2021 12:08
 Operator : SY/MD
 Sample : M3733-01
 Misc : 6.86G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-UST-01-(5-7)

Quant Time: Sep 16 01:22:06 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)

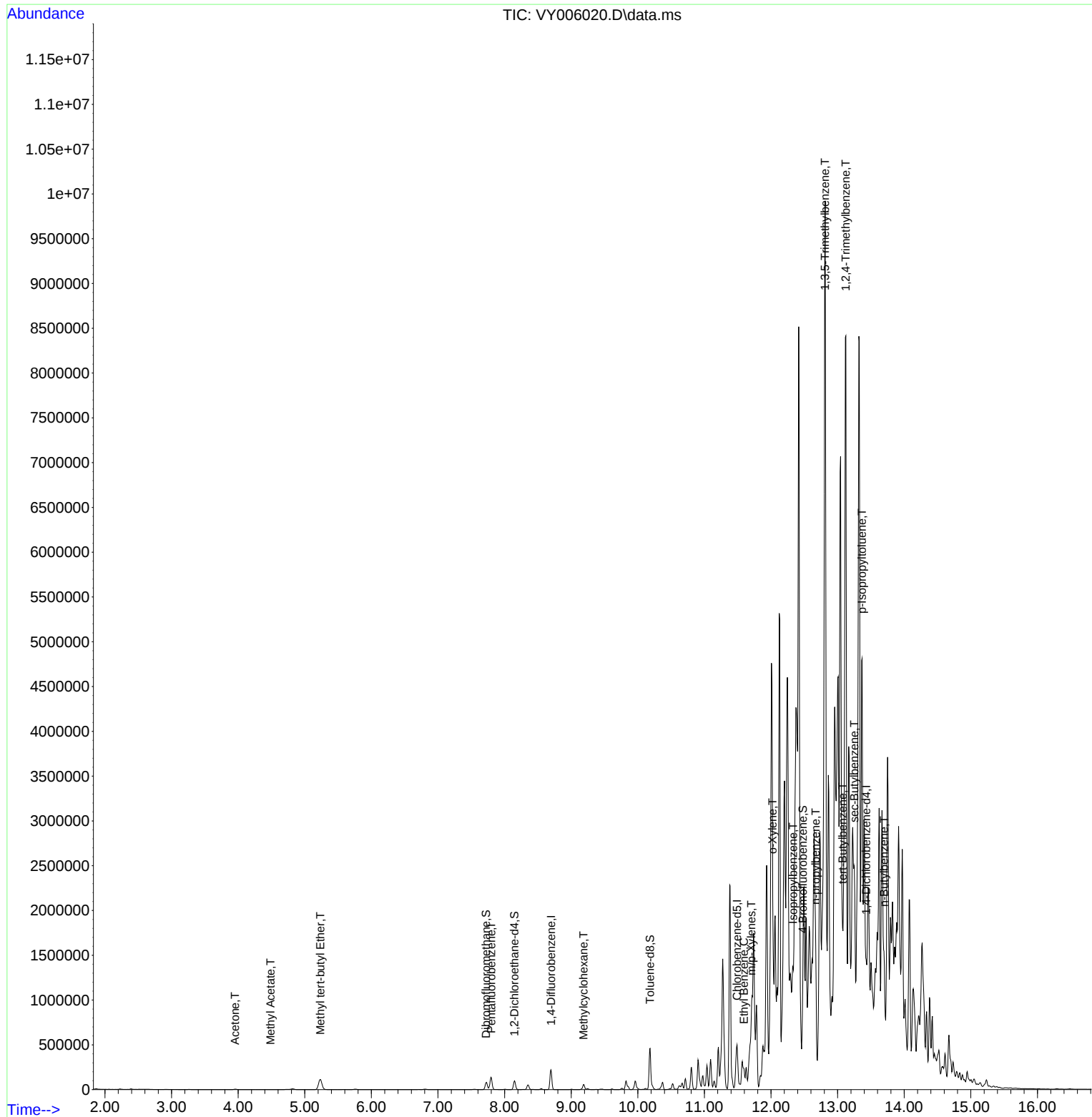
Internal Standards						
1) Pentafluorobenzene	7.801	168	100310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78220	56.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.280%	
35) Dibromofluoromethane	7.722	113	53687	48.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.440%	
50) Toluene-d8	10.185	98	241959	50.991	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.477	95	165275	102.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 205.180%#	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	10467	27.388	ug/l	96
18) Methyl Acetate	4.484	43	1538	1.598	ug/l #	82
19) Methyl tert-butyl Ether	5.234	73	192977	59.764	ug/l	99
39) Methylcyclohexane	9.185	83	20282	8.458	ug/l	96
67) Ethyl Benzene	11.593	91	116940	14.645	ug/l	99
68) m/p-Xylenes	11.703	106	80792	26.683	ug/l	93
69) o-Xylene	12.026	106	13580	4.749	ug/l	50
73) Isopropylbenzene	12.331	105	197839	18.909	ug/l	99
78) n-propylbenzene	12.672	91	608825	47.030	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1377557	158.753	ug/l	99
83) tert-Butylbenzene	13.074	119	181848	24.503	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	3310268	384.515	ug/l	99
85) sec-Butylbenzene	13.251	105	398161	35.838	ug/l #	55
86) p-Isopropyltoluene	13.367	119	309270	32.607	ug/l	98
89) n-Butylbenzene	13.696	91	370004	41.716	ug/l #	75

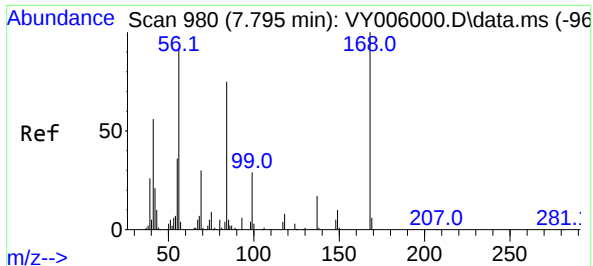
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006020.D
Acq On : 15 Sep 2021 12:08
Operator : SY/MD
Sample : M3733-01
Misc : 6.86G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

Quant Time: Sep 16 01:22:06 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

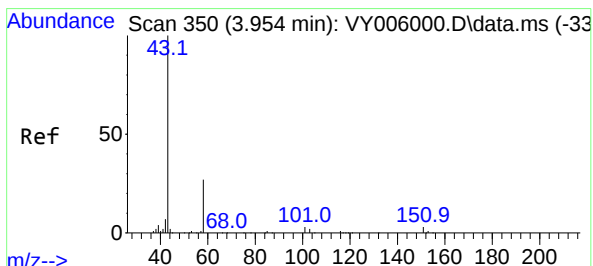
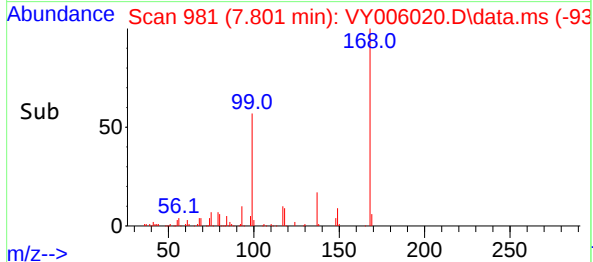
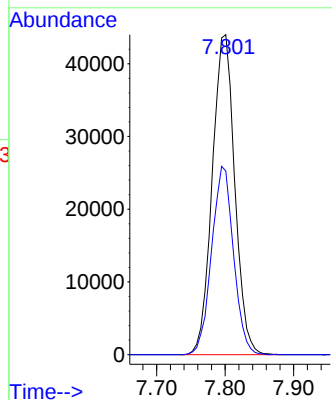
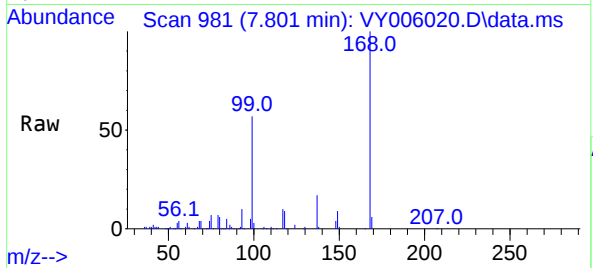




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

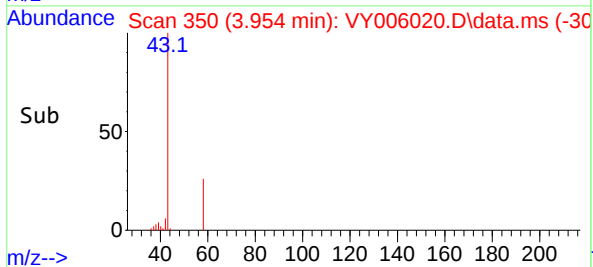
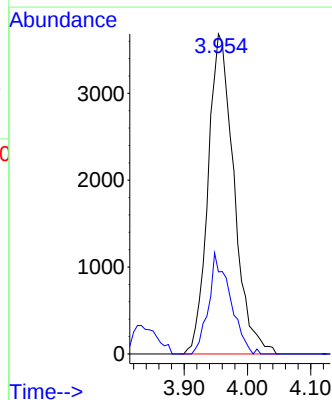
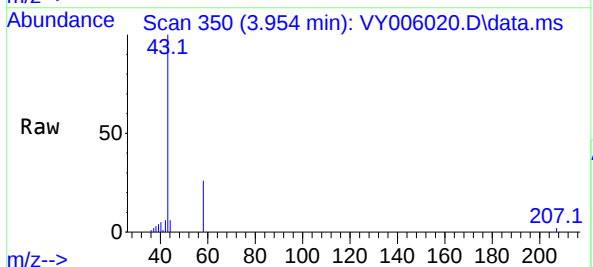
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

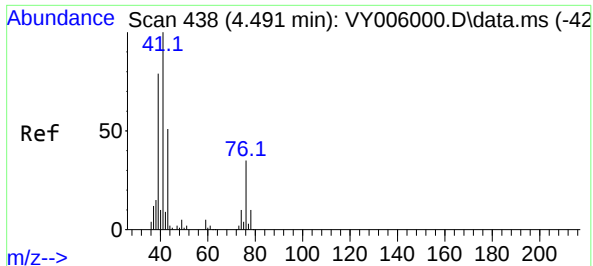
Tgt Ion:168 Resp: 100310
Ion Ratio Lower Upper
168 100
99 57.4 46.9 70.3



#16
Acetone
Concen: 27.388 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion: 43 Resp: 10467
Ion Ratio Lower Upper
43 100
58 25.7 22.0 33.0





#18

Methyl Acetate

Concen: 1.598 ug/l

RT: 4.484 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY006020.D

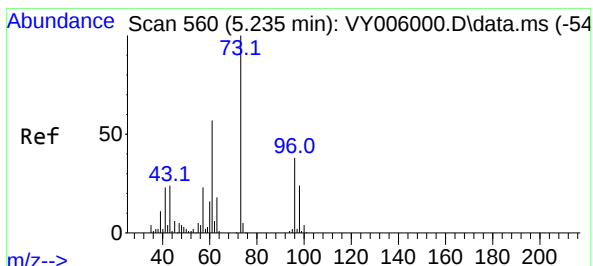
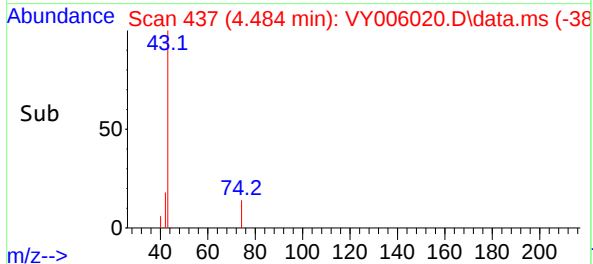
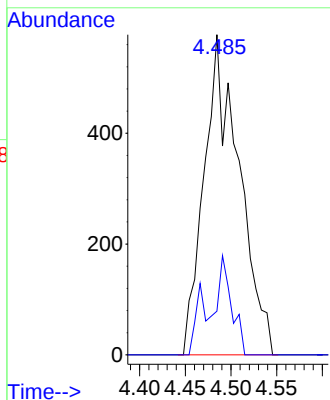
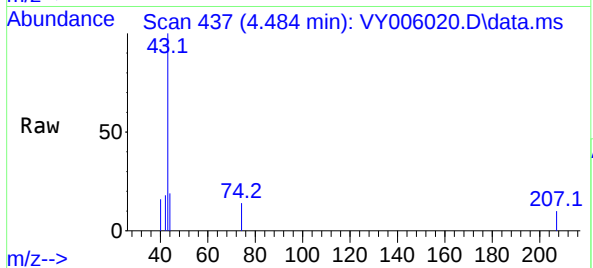
Acq: 15 Sep 2021 12:08

Tgt Ion: 43 Resp: 1538

Ion Ratio Lower Upper

43 100

74 12.2 16.6 24.8#



#19

Methyl tert-butyl Ether

Concen: 59.764 ug/l

RT: 5.234 min Scan# 560

Delta R.T. -0.001 min

Lab File: VY006020.D

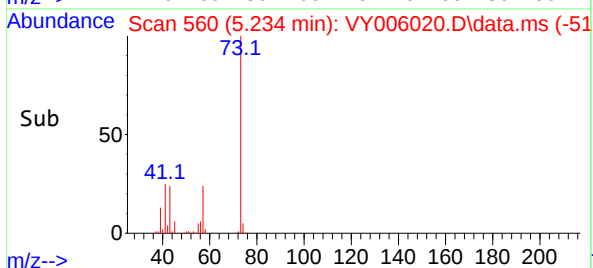
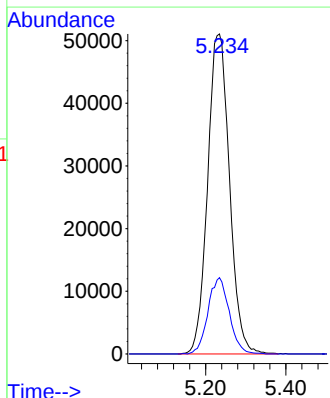
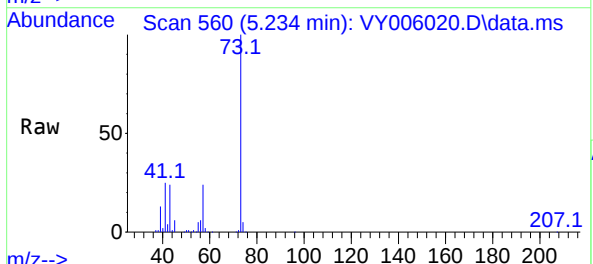
Acq: 15 Sep 2021 12:08

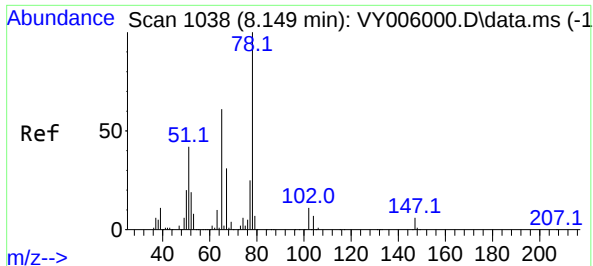
Tgt Ion: 73 Resp: 192977

Ion Ratio Lower Upper

73 100

57 23.9 18.6 27.8

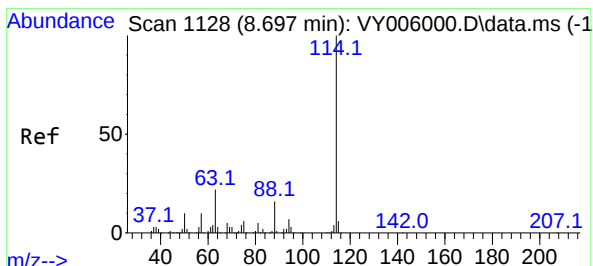
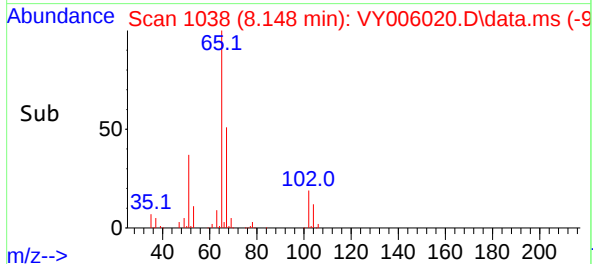
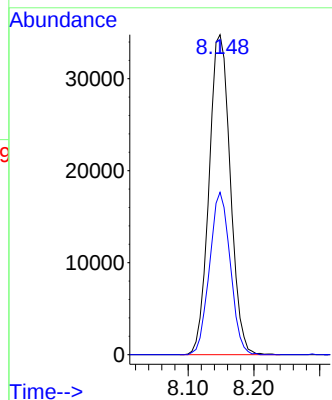
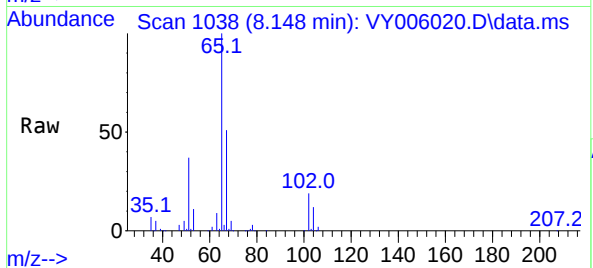




#33
1,2-Dichloroethane-d4
Concen: 56.138 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

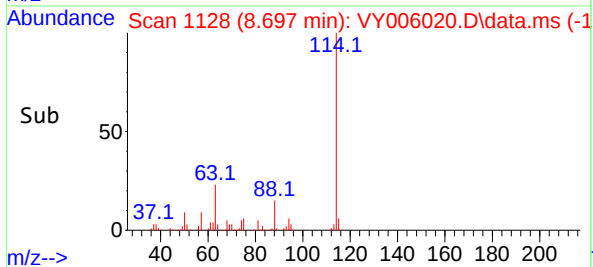
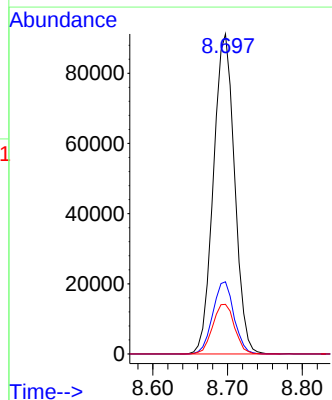
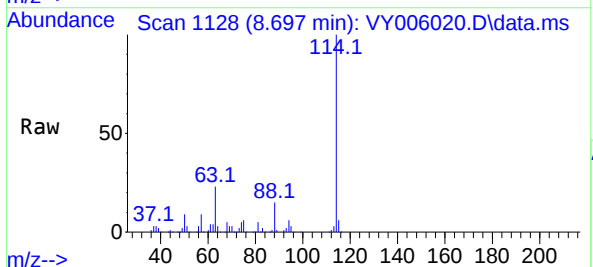
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

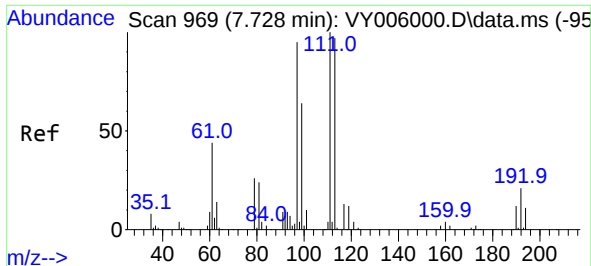
Tgt Ion: 65 Resp: 78220
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion: 114 Resp: 179249
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.2
88 15.5 0.0 31.8

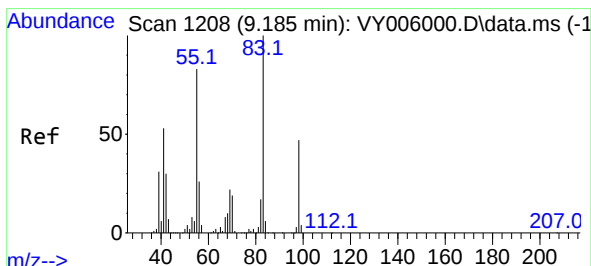
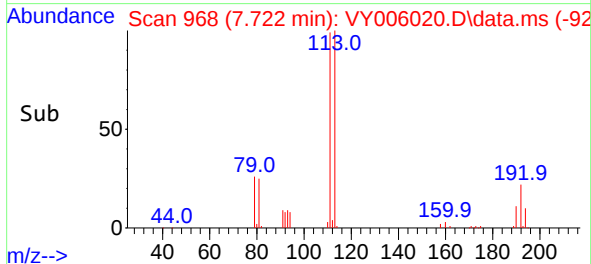
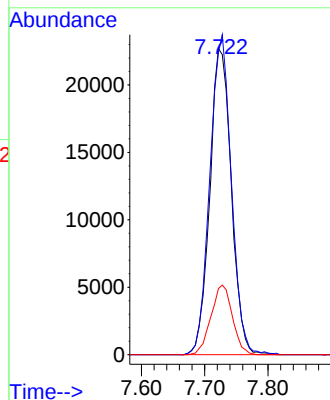
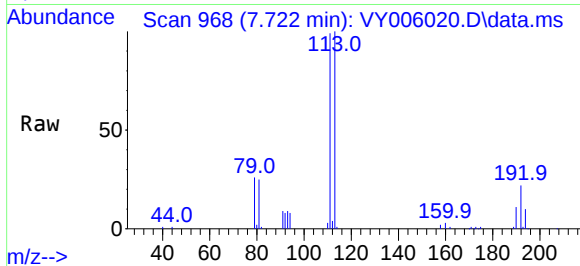




#35
Dibromofluoromethane
Concen: 48.221 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

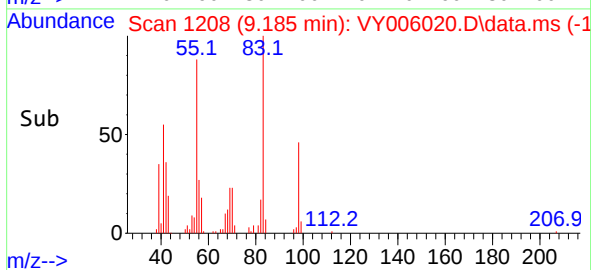
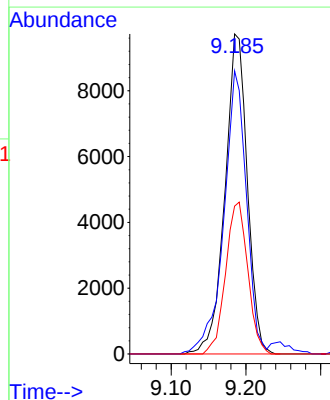
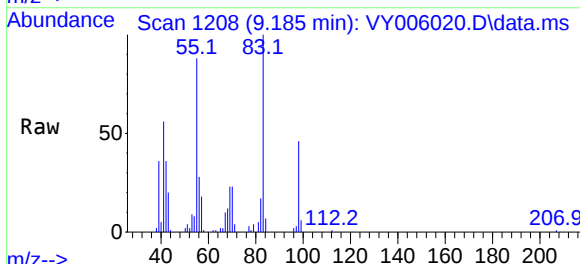
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

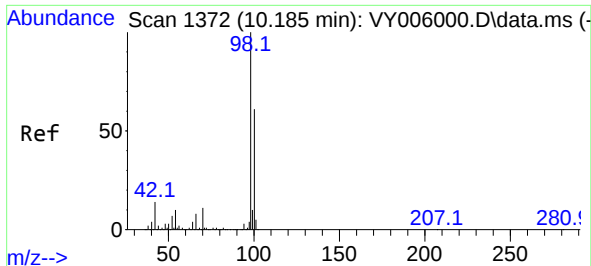
Tgt Ion:	113	Resp:	53687
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	124.0
192	22.6	17.6	26.4



#39
Methylcyclohexane
Concen: 8.458 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion:	83	Resp:	20282
Ion	Ratio	Lower	Upper
83	100		
55	88.5	66.5	99.7
98	46.2	37.9	56.9

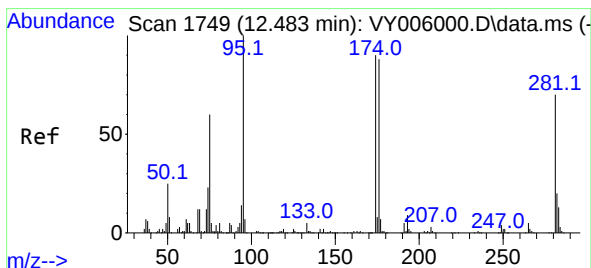
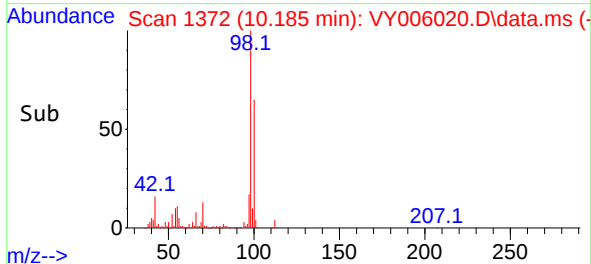
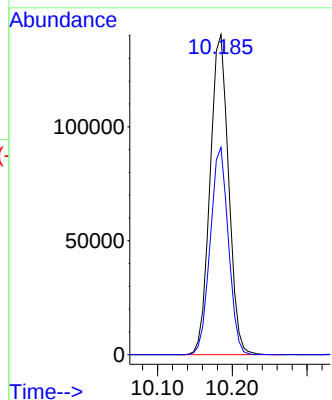
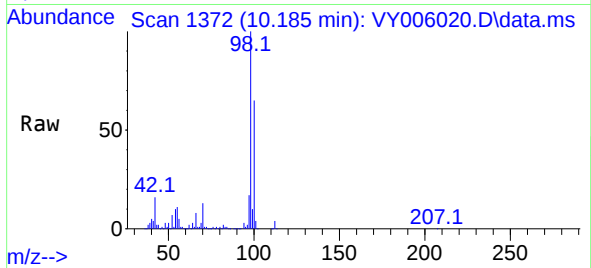




#50
Toluene-d8
Concen: 50.991 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

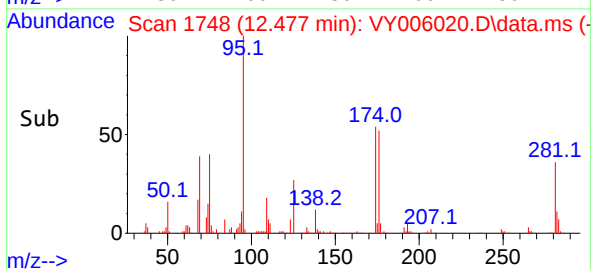
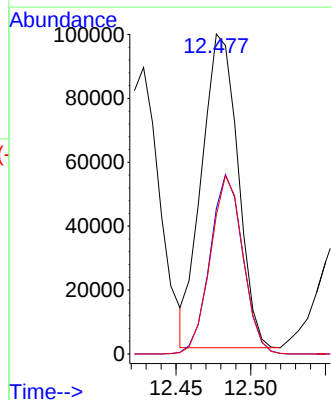
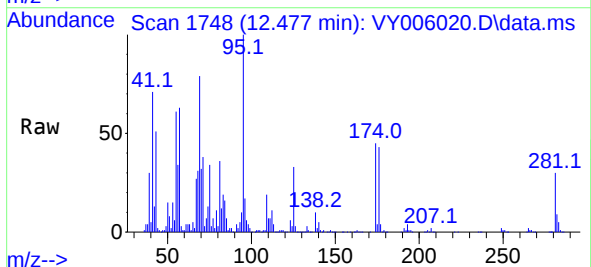
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

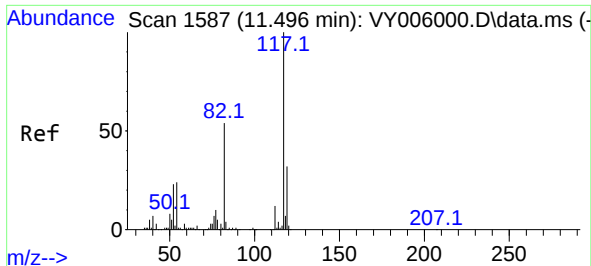
Tgt Ion: 98 Resp: 241959
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 102.588 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion: 95 Resp: 165275
Ion Ratio Lower Upper
95 100
174 51.7 0.0 177.0
176 51.1 0.0 175.8

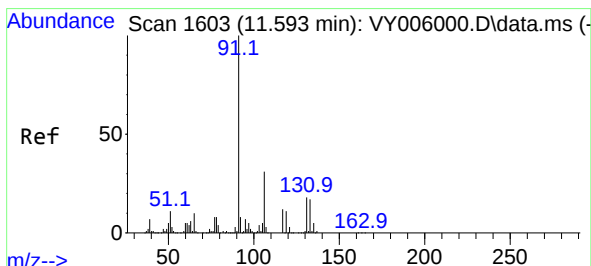
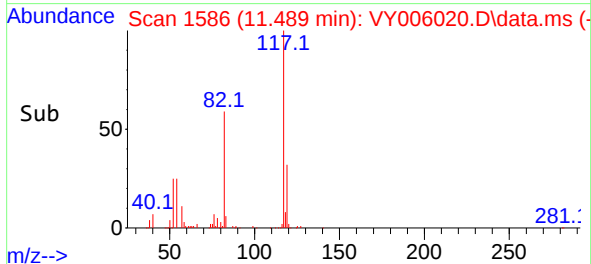
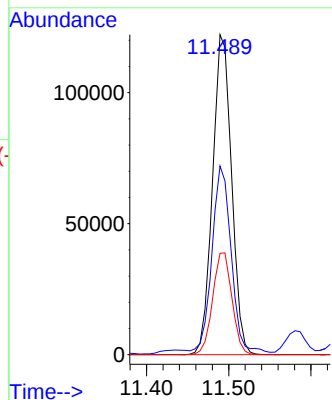
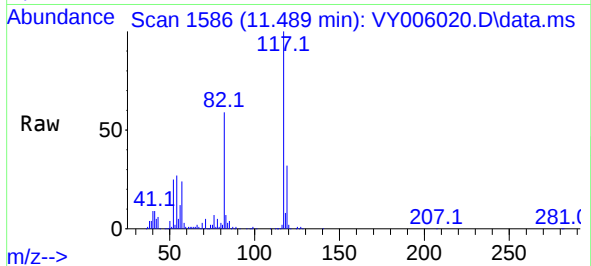




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

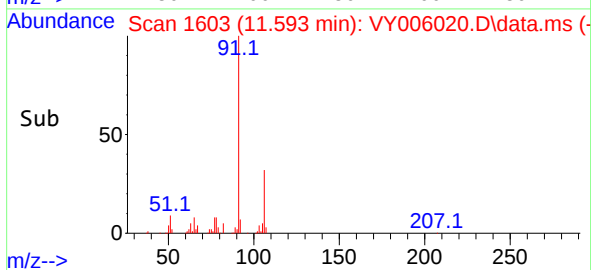
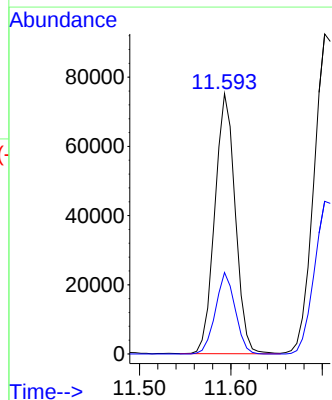
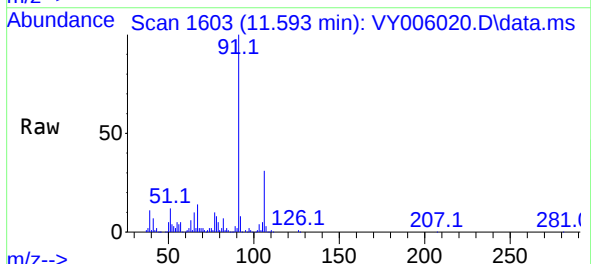
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

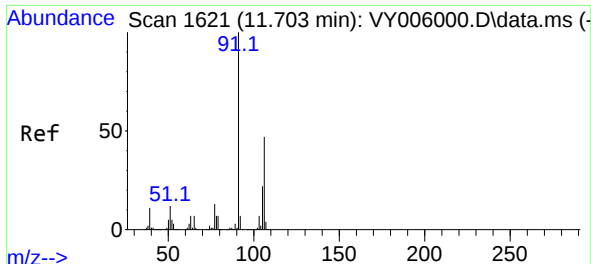
Tgt Ion:	117	Resp:	196326
Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.0	64.4
119	31.7	25.4	38.0



#67
Ethyl Benzene
Concen: 14.645 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion:	91	Resp:	116940
Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.5	36.7

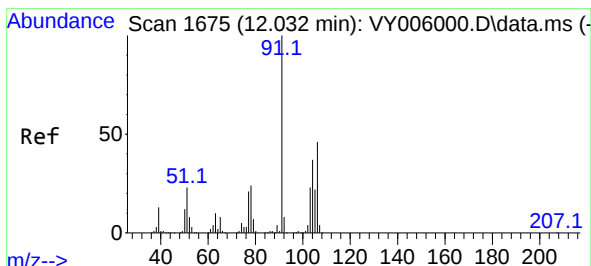
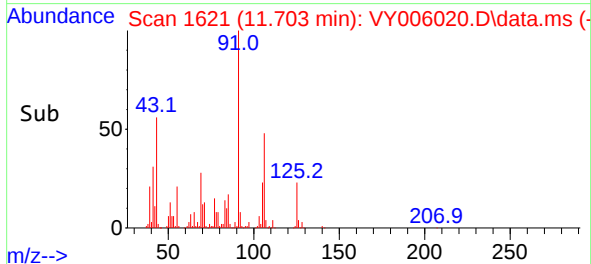
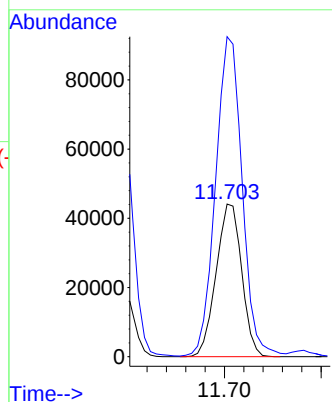
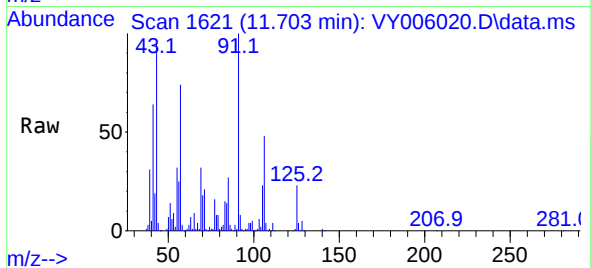




#68
m/p-Xylenes
Concen: 26.683 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

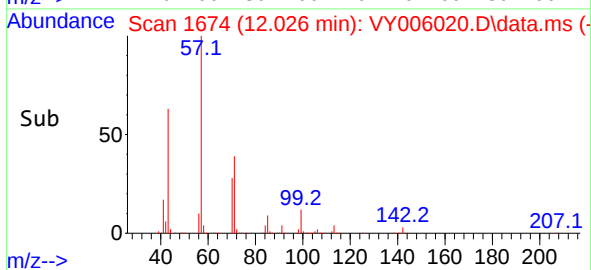
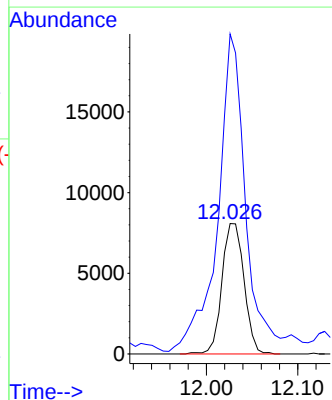
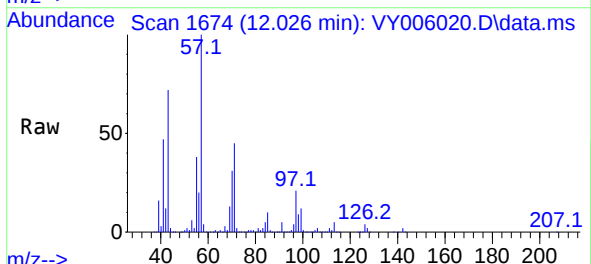
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

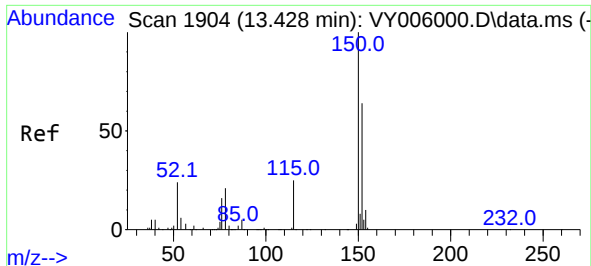
Tgt Ion:106 Resp: 80792
Ion Ratio Lower Upper
106 100
91 218.5 166.6 249.8



#69
o-Xylene
Concen: 4.749 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion:106 Resp: 13580
Ion Ratio Lower Upper
106 100
91 301.7 110.3 331.0

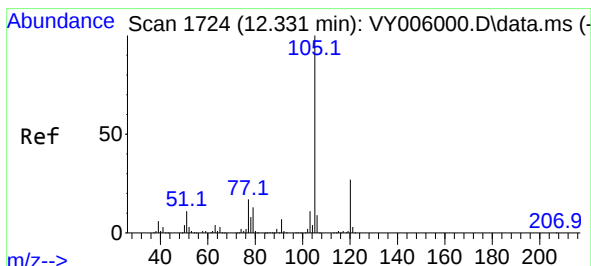
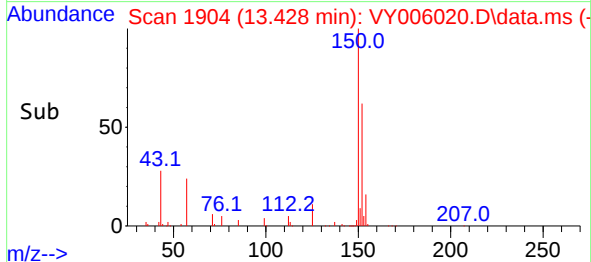
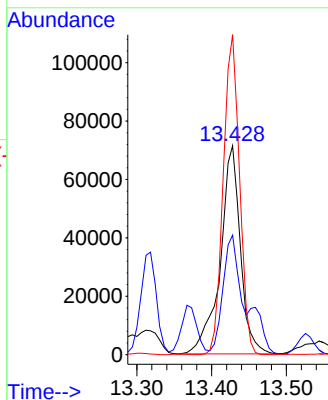
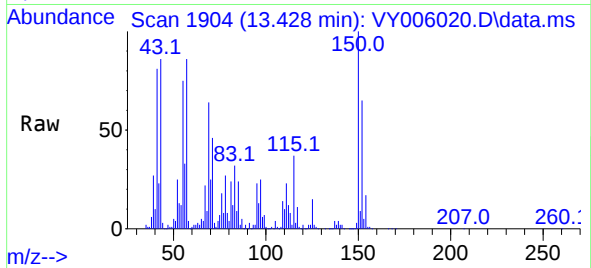




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

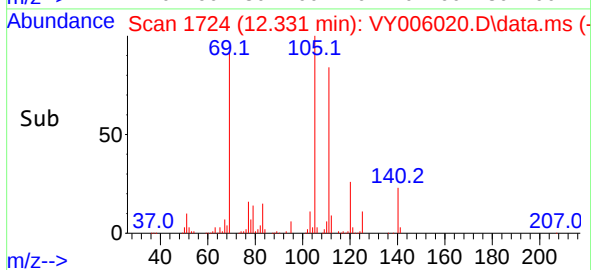
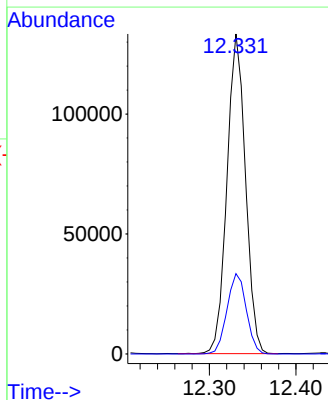
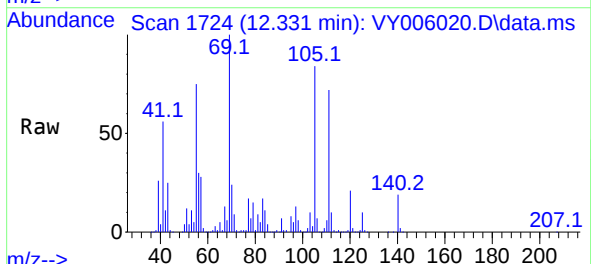
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

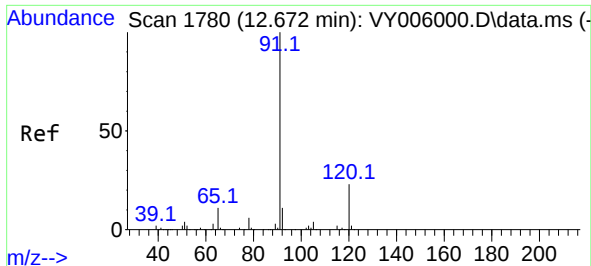
Tgt Ion:152 Resp: 133613
Ion Ratio Lower Upper
152 100
115 63.1 28.2 84.7
150 124.5 0.0 347.6



#73
Isopropylbenzene
Concen: 18.909 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion:105 Resp: 197839
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2

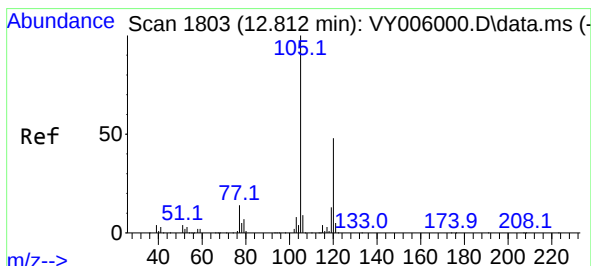
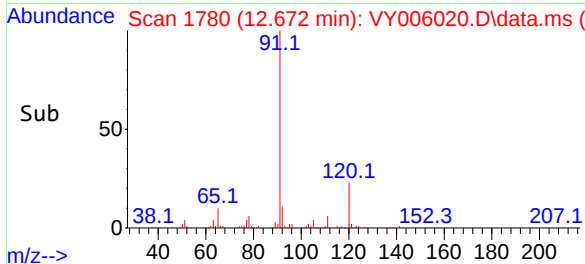
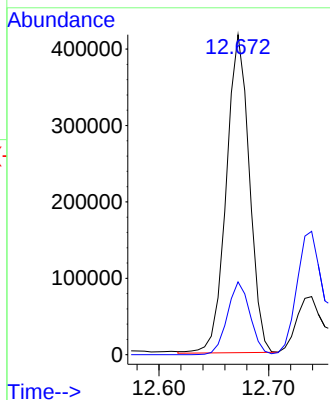
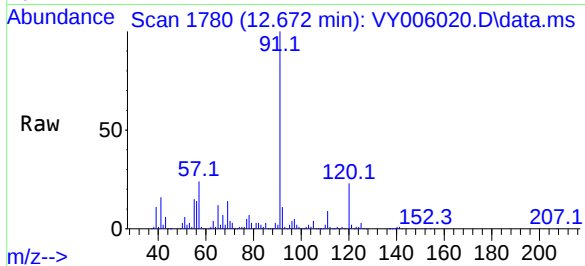




#78
n-propylbenzene
Concen: 47.030 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

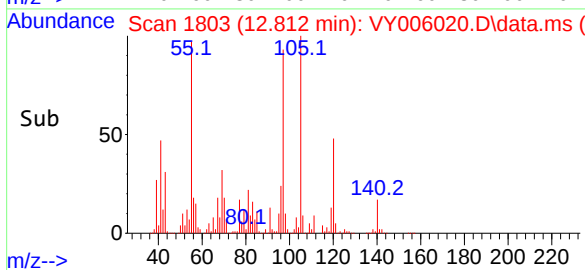
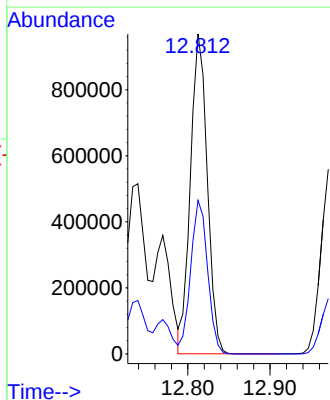
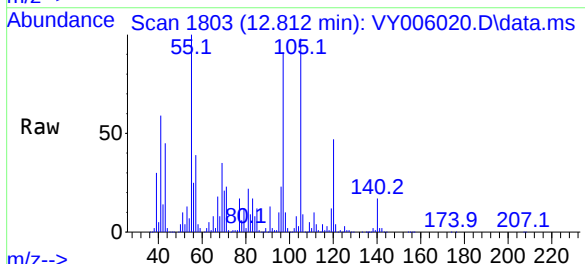
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

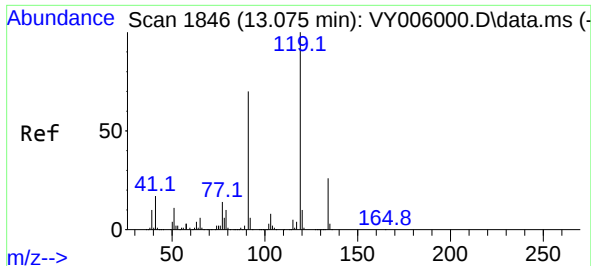
Tgt Ion: 91 Resp: 608825
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 158.753 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion: 105 Resp: 1377557
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.4

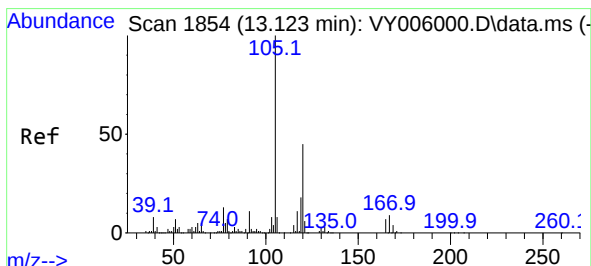
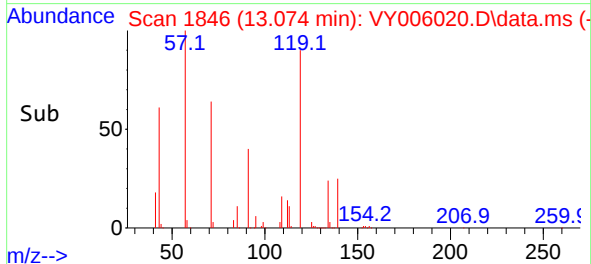
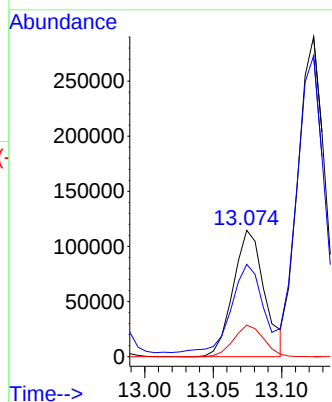
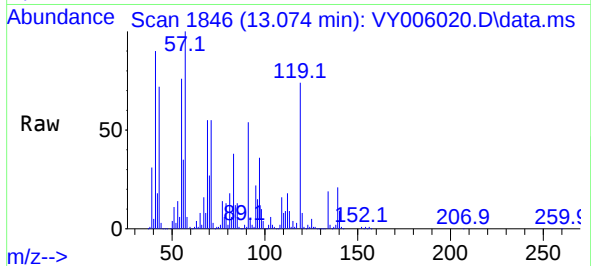




#83
tert-Butylbenzene
Concen: 24.503 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

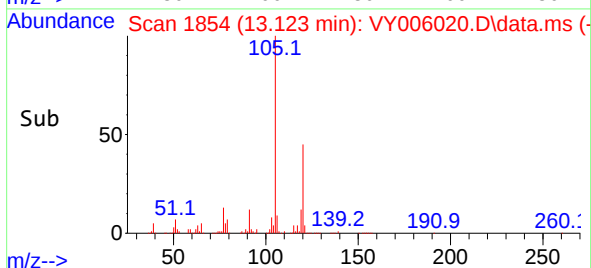
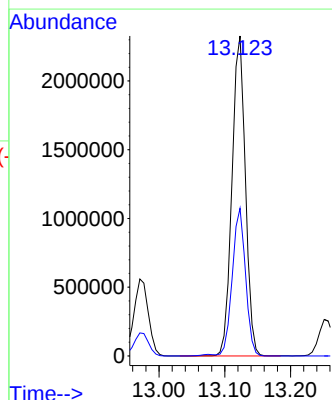
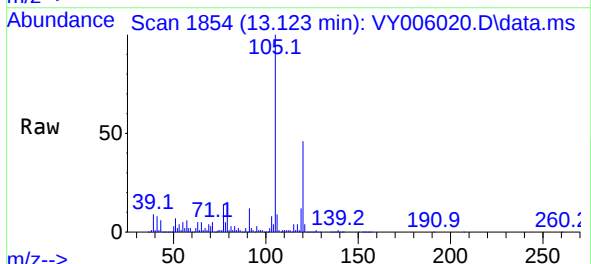
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

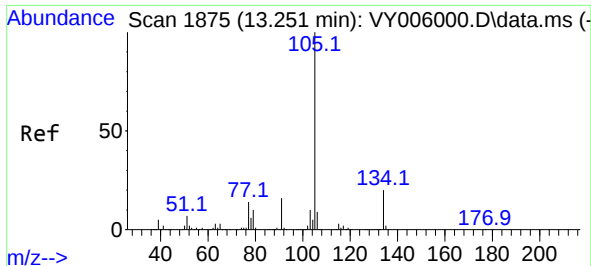
Tgt Ion:119 Resp: 181848
Ion Ratio Lower Upper
119 100
91 68.2 34.8 104.4
134 24.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 384.515 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion:105 Resp: 3310268
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.9

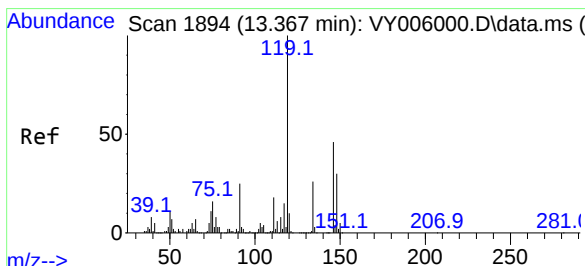
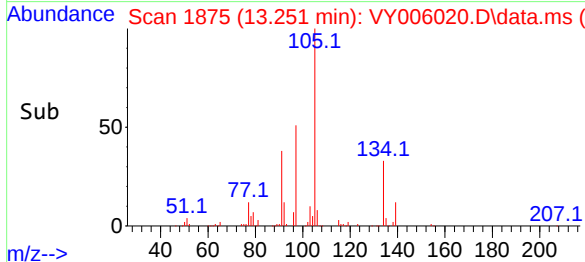
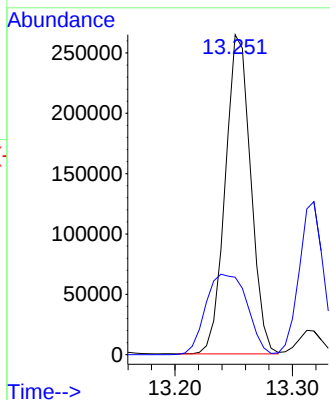
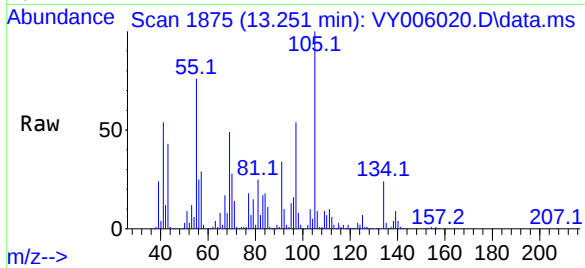




#85
sec-Butylbenzene
Concen: 35.838 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

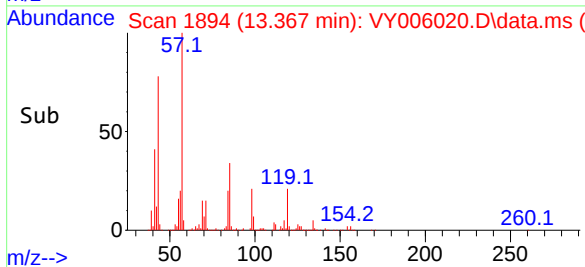
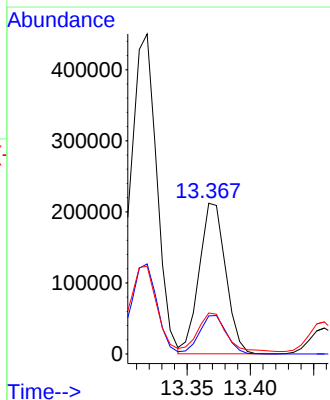
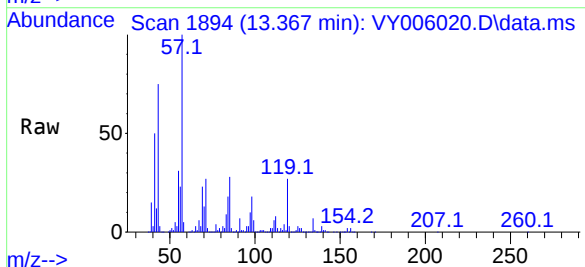
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

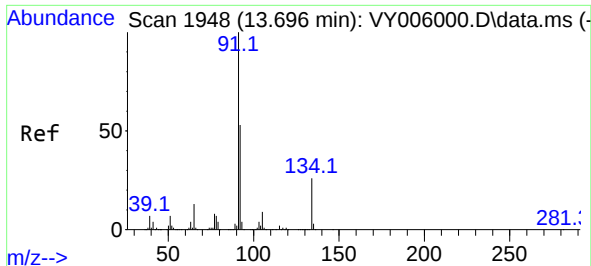
Tgt Ion:105 Resp: 398161
Ion Ratio Lower Upper
105 100
134 41.0 10.2 30.4#



#86
p-Isopropyltoluene
Concen: 32.607 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Tgt Ion:119 Resp: 309270
Ion Ratio Lower Upper
119 100
134 26.0 13.2 39.5
91 26.8 12.4 37.2





#89
n-Butylbenzene
Concen: 41.716 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006020.D
Acq: 15 Sep 2021 12:08

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)

Tgt Ion: 91 Resp: 370004
Ion Ratio Lower Upper
91 100
92 60.8 26.3 78.9
134 0.0 13.0 38.9#

