

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006042.D
 Acq On : 16 Sep 2021 13:01
 Operator : SY/MD
 Sample : M3733-03RE
 Misc : 6.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-UST-02-(5-7)RE

Quant Time: Sep 17 02:44:21 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)

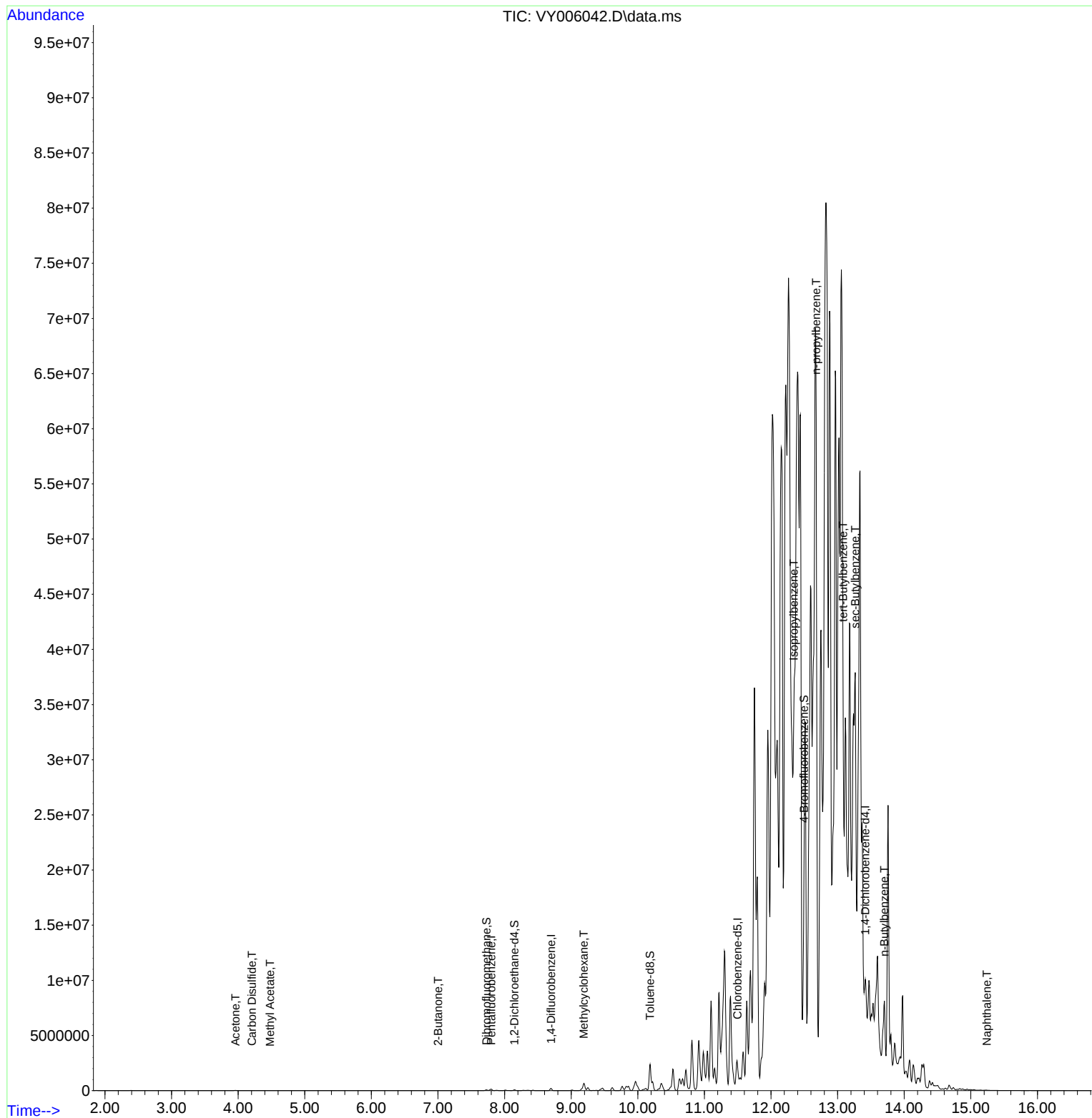
Internal Standards						
1) Pentafluorobenzene	7.801	168	97367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	168863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	169434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	384934	50.000	ug/l	#-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	64844	47.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.728	113	49153	46.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.720%
50) Toluene-d8	10.184	98	317745	71.081	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	142.160%#
62) 4-Bromofluorobenzene	12.495	95	2039315	1343.683	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	2687.360%#
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	36247	97.712	ug/l	97
17) Carbon Disulfide	4.204	76	6206	1.911	ug/l #	91
18) Methyl Acetate	4.478	43	1986	2.125	ug/l	93
25) 2-Butanone	7.002	43	7797	15.250	ug/l	95
39) Methylcyclohexane	9.191	83	215653	95.465	ug/l	95
73) Isopropylbenzene	12.343	105	1401310	46.489	ug/l	98
78) n-propylbenzene	12.678	91	6463681	173.312	ug/l	99
83) tert-Butylbenzene	13.080	119	1372003	64.168	ug/l	82
85) sec-Butylbenzene	13.263	105	7324768	228.847	ug/l #	58
89) n-Butylbenzene	13.702	91	2617865	102.448	ug/l	91
95) Naphthalene	15.238	128	17030	1.107	ug/l #	94

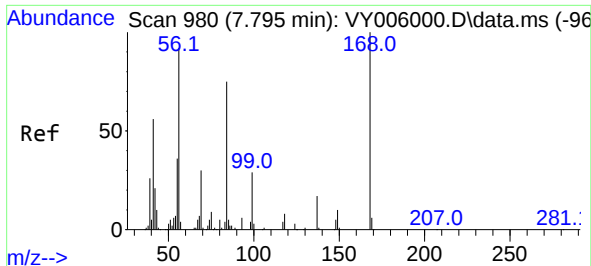
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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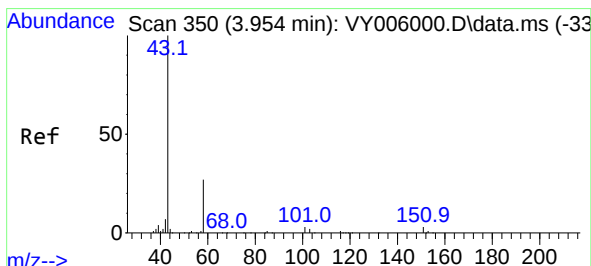
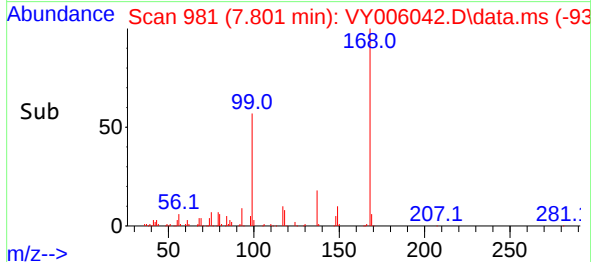
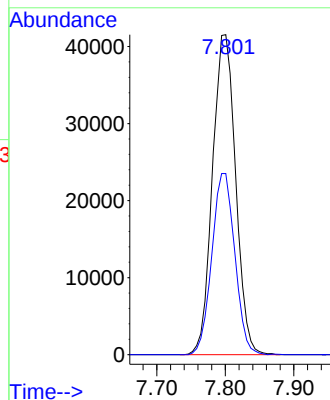
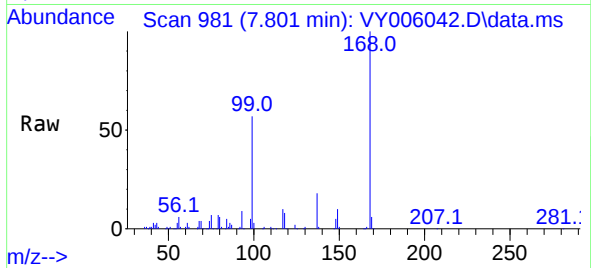




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

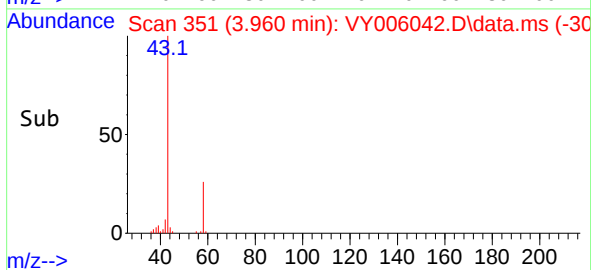
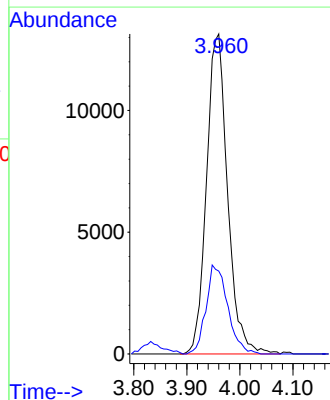
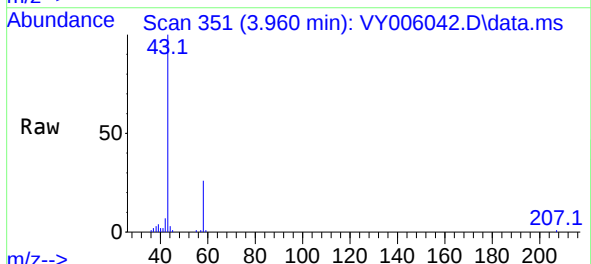
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(5-7)RE

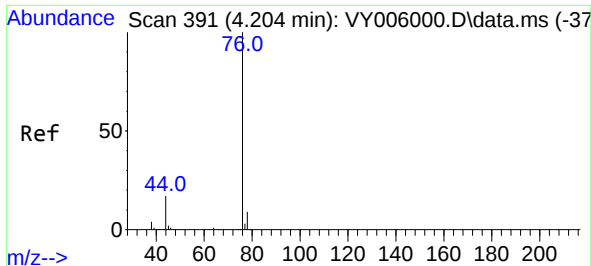
Tgt Ion:168 Resp: 97367
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#16
Acetone
Concen: 97.712 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Tgt Ion: 43 Resp: 36247
Ion Ratio Lower Upper
43 100
58 25.9 22.0 33.0

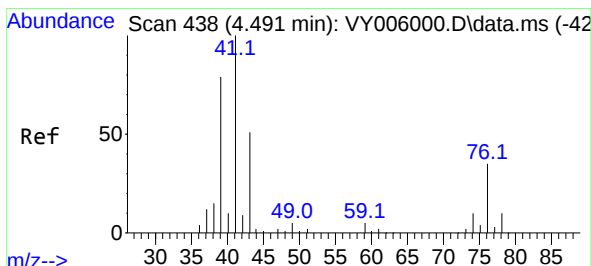
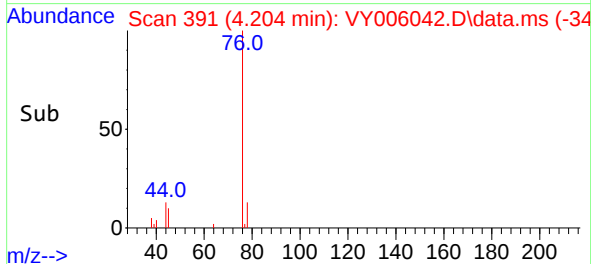
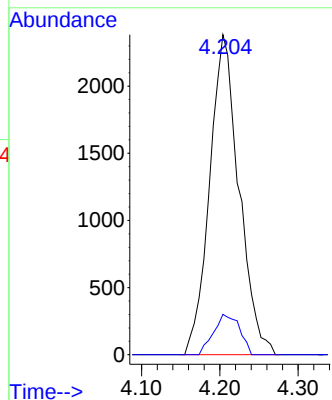
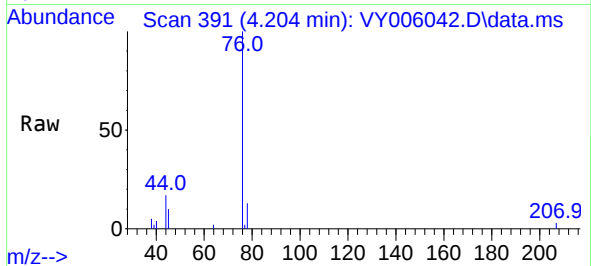




#17
Carbon Disulfide
Concen: 1.911 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

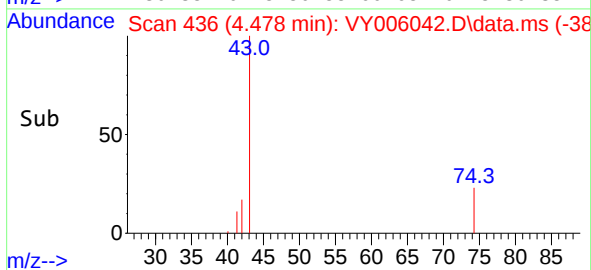
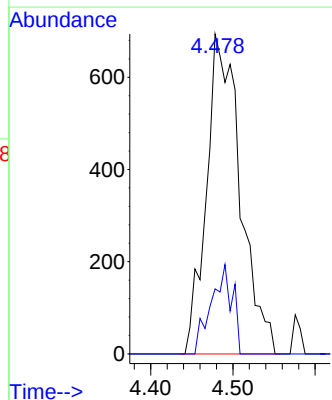
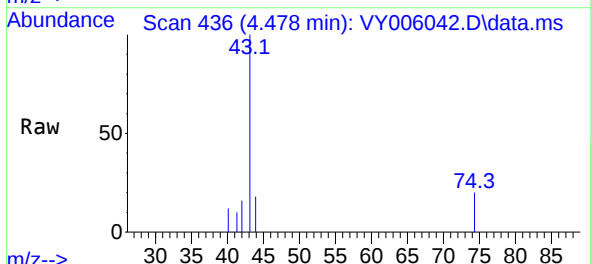
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(5-7)RE

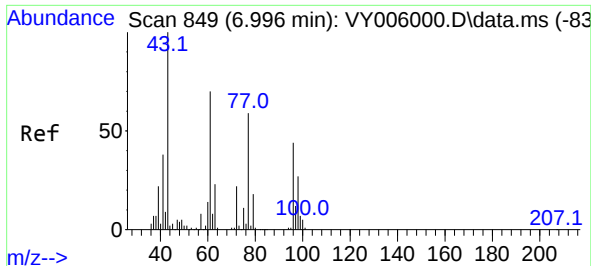
Tgt Ion: 76 Resp: 6206
Ion Ratio Lower Upper
76 100
78 12.6 7.4 11.0#



#18
Methyl Acetate
Concen: 2.125 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.013 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
74 17.5 16.6 24.8

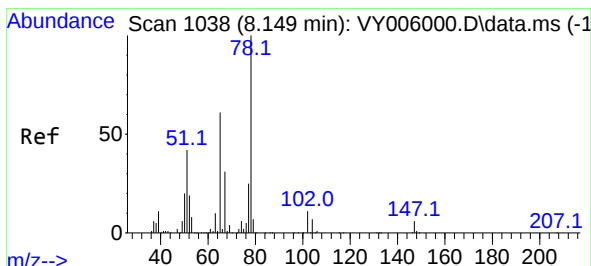
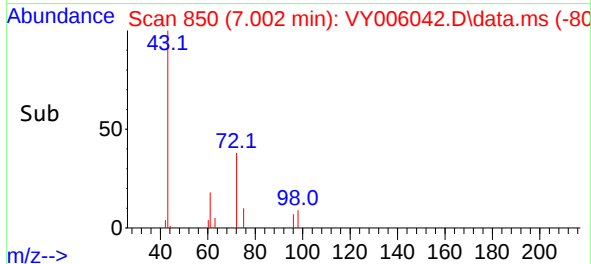
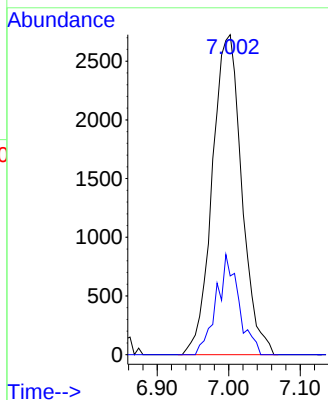
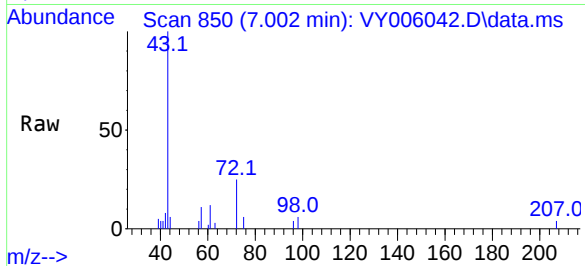




#25
2-Butanone
Concen: 15.250 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

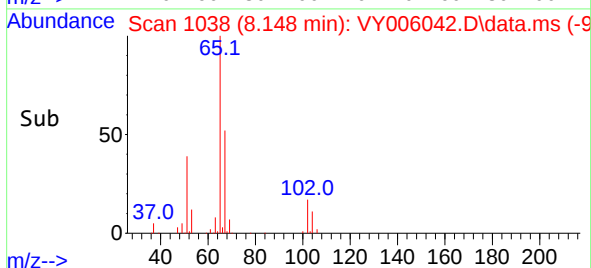
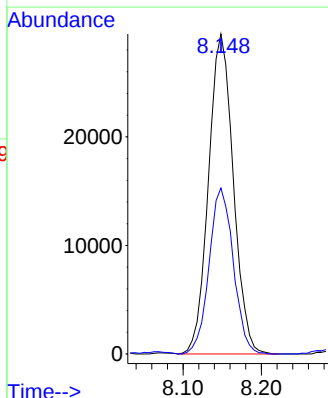
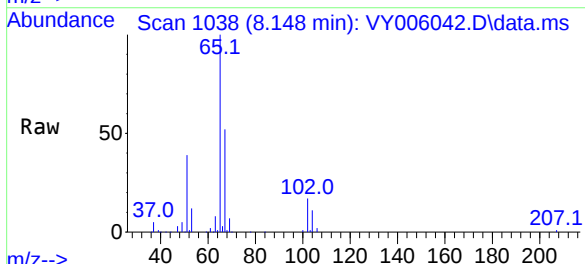
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(5-7)RE

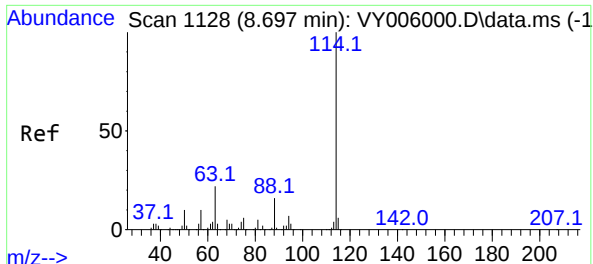
Tgt Ion: 43 Resp: 7797
Ion Ratio Lower Upper
43 100
72 24.6 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 47.944 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Tgt Ion: 65 Resp: 64844
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4



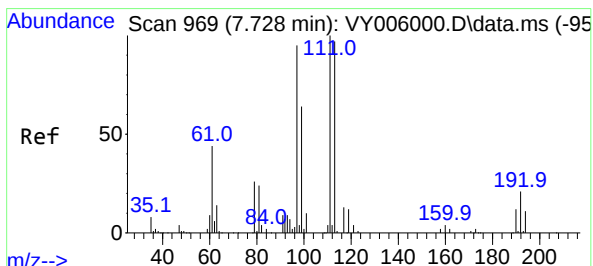
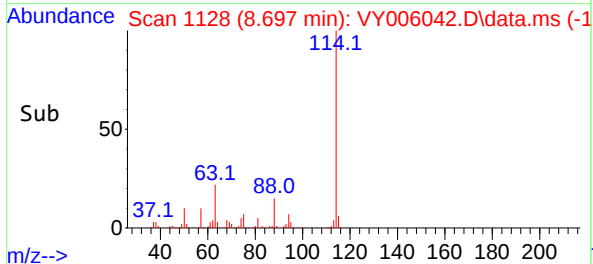
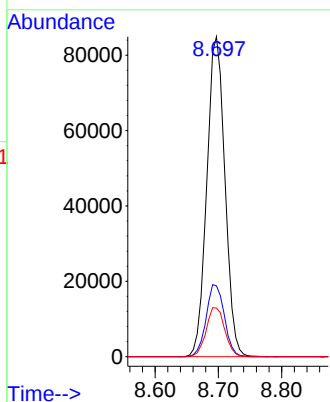
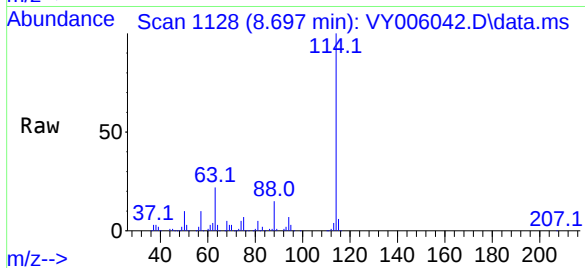


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(5-7)RE

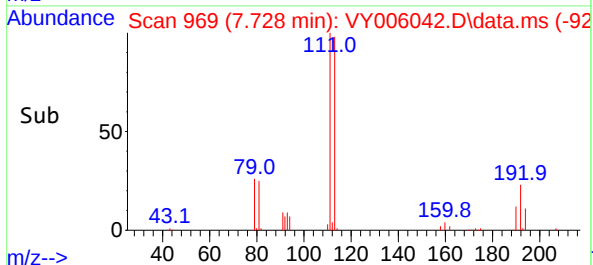
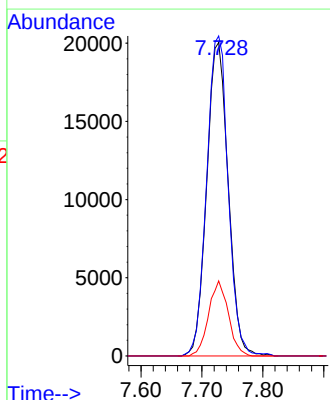
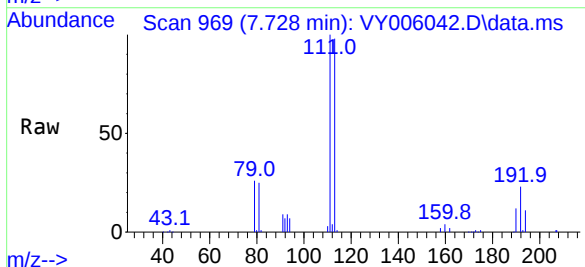
Tgt Ion:	114	Resp:	168863
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	15.2	0.0	31.8

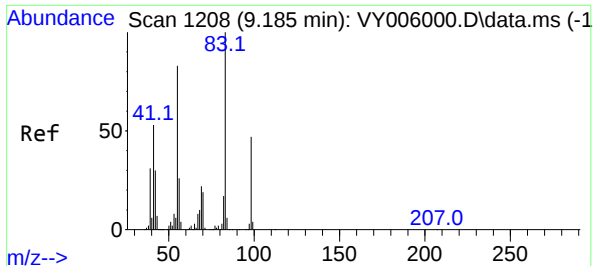


#35

Dibromofluoromethane
Concen: 46.864 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Tgt Ion:	113	Resp:	49153
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	22.0	17.6	26.4

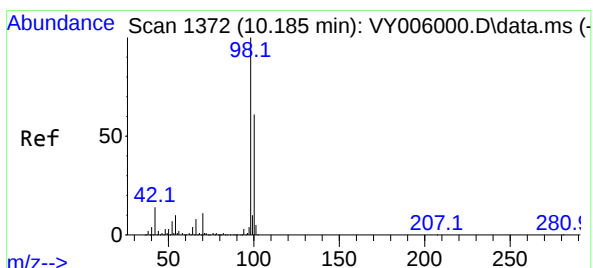
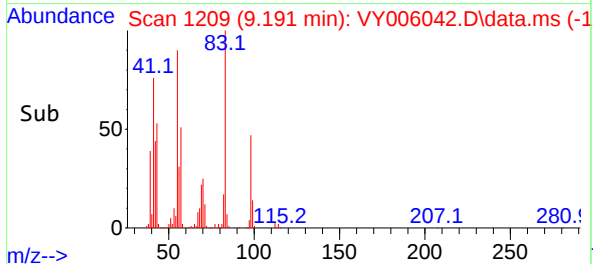
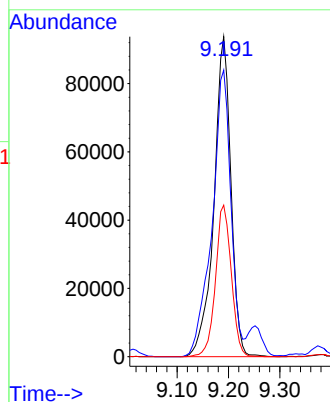
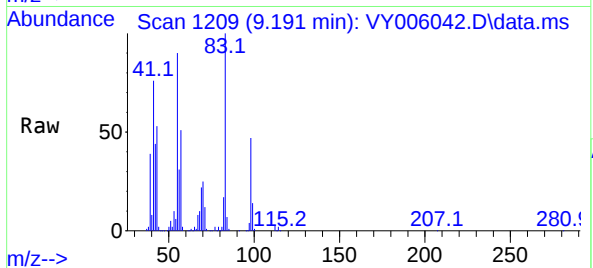




#39
Methylcyclohexane
Concen: 95.465 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

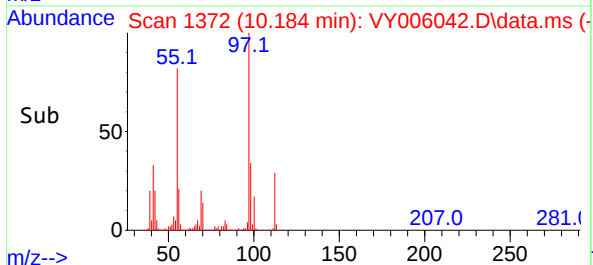
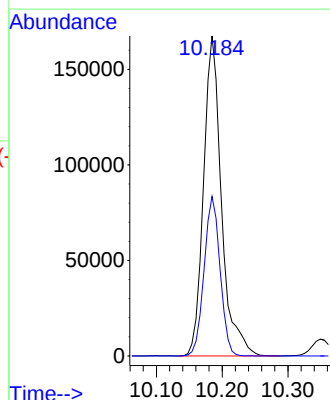
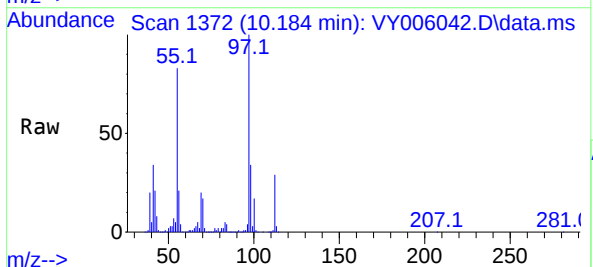
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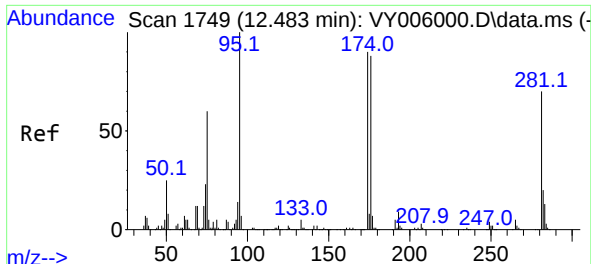
Tgt Ion: 83 Resp: 215653
Ion Ratio Lower Upper
83 100
55 89.5 66.5 99.7
98 47.4 37.9 56.9



#50
Toluene-d8
Concen: 71.081 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Tgt Ion: 98 Resp: 317745
Ion Ratio Lower Upper
98 100
100 44.3 50.2 75.2#

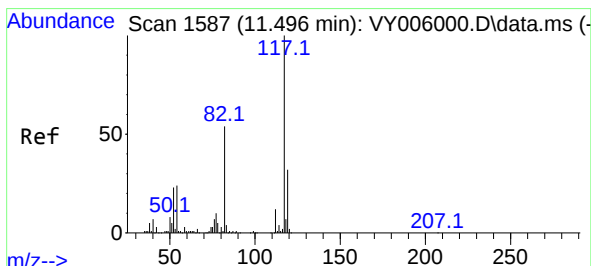
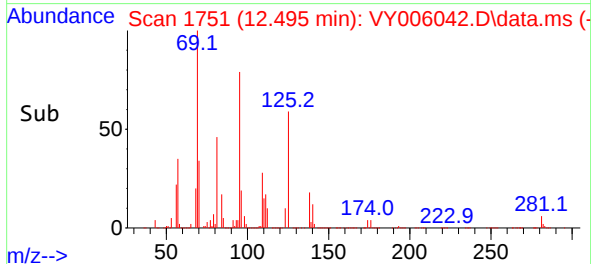
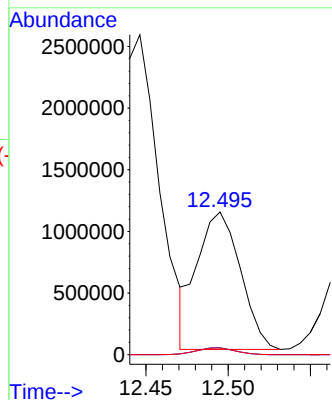
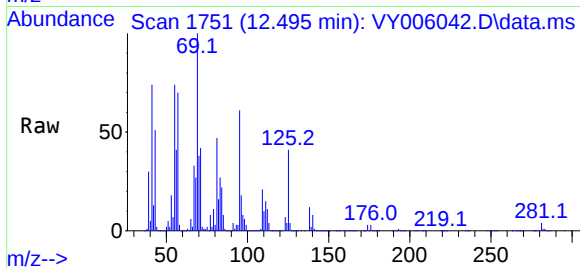




#62
4-Bromofluorobenzene
Concen: 1343.683 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

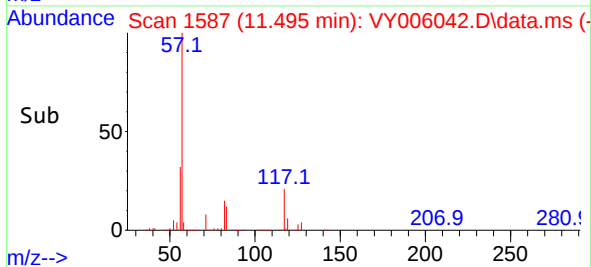
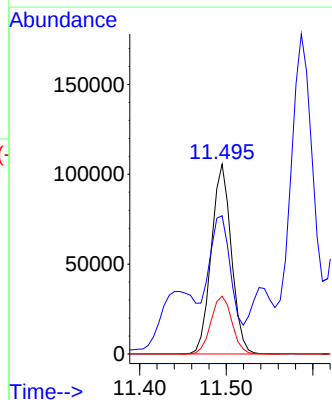
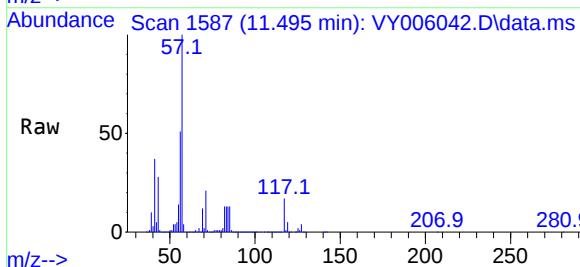
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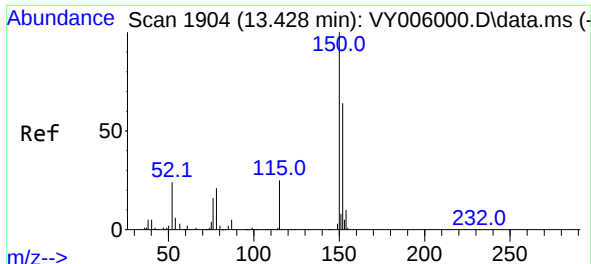
Tgt Ion: 95 Resp: 2039315
Ion Ratio Lower Upper
95 100
174 4.5 0.0 177.0
176 4.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Tgt Ion: 117 Resp: 169434
Ion Ratio Lower Upper
117 100
82 44.6 43.0 64.4
119 30.4 25.4 38.0

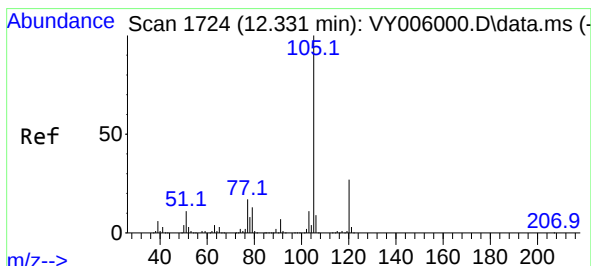
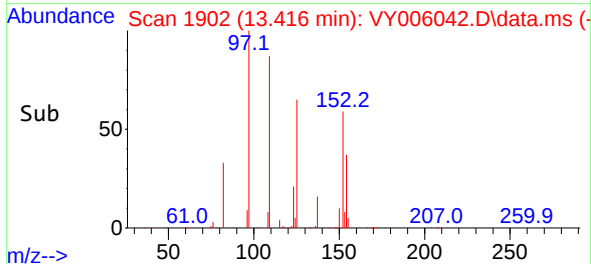
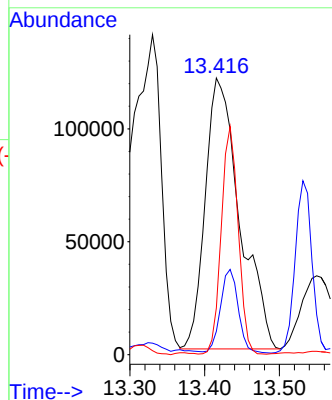
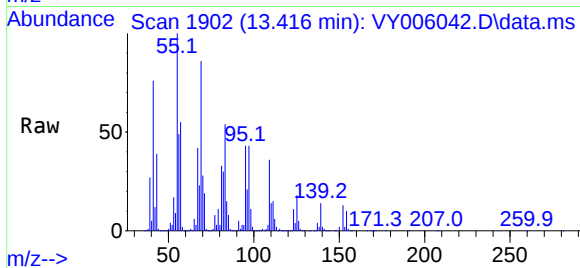




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.013 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

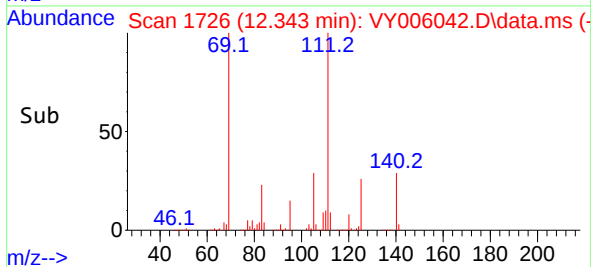
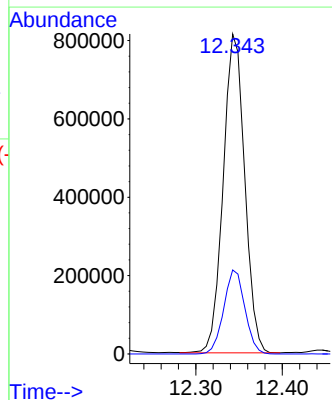
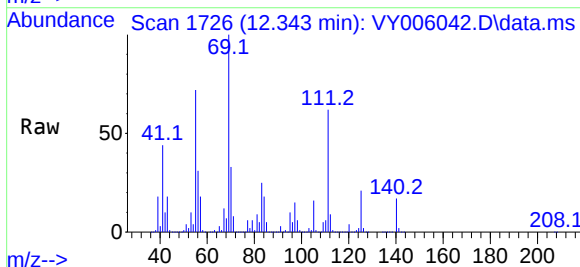
Instrument :
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SUP-UST-02-(5-7)RE

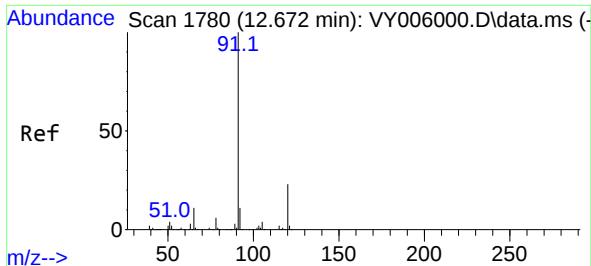
Tgt Ion:152 Resp: 384934
Ion Ratio Lower Upper
152 100
115 15.9 28.2 84.7#
150 41.1 0.0 347.6



#73
Isopropylbenzene
Concen: 46.489 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Tgt Ion:105 Resp: 1401310
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2

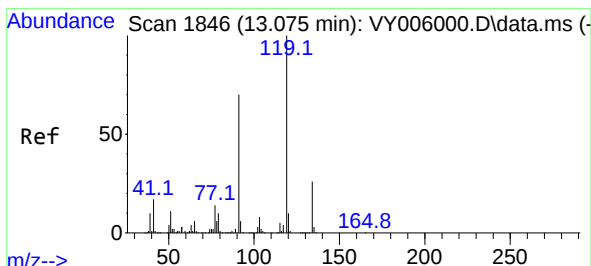
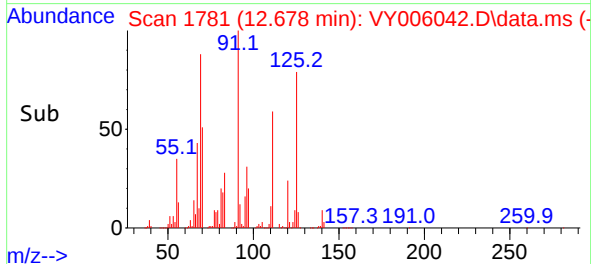
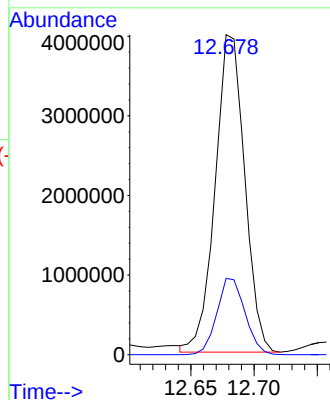
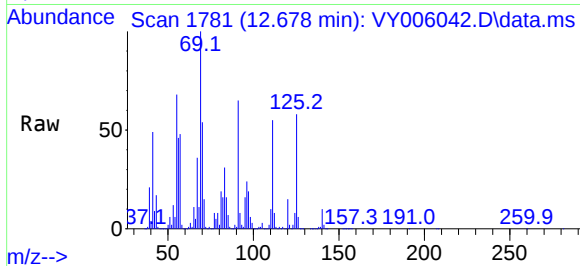




#78
n-propylbenzene
Concen: 173.312 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

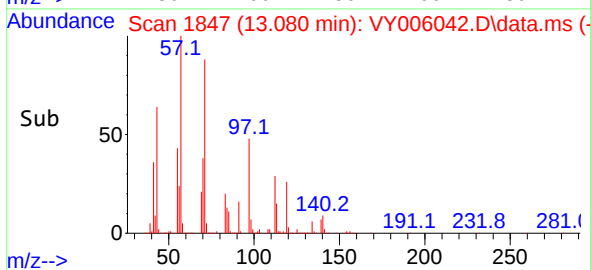
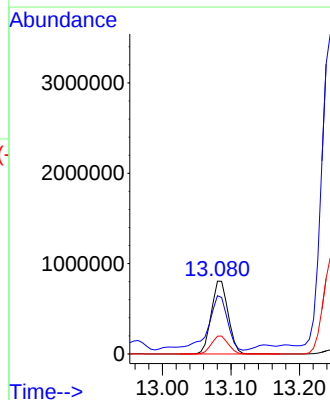
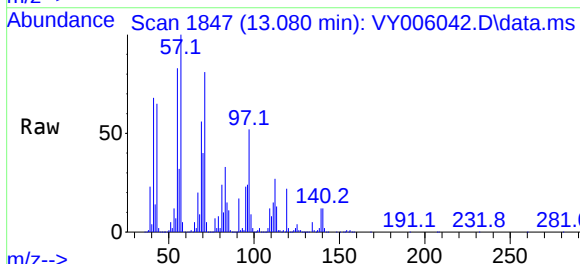
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(5-7)RE

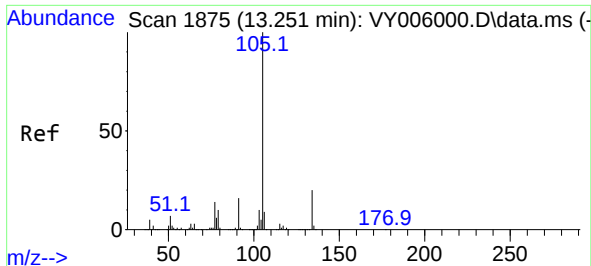
Tgt Ion: 91 Resp: 6463681
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9



#83
tert-Butylbenzene
Concen: 64.168 ug/l
RT: 13.080 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Tgt Ion: 119 Resp: 1372003
Ion Ratio Lower Upper
119 100
91 88.5 34.8 104.4
134 24.6 13.3 39.9

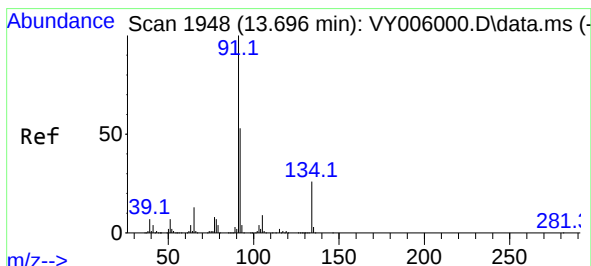
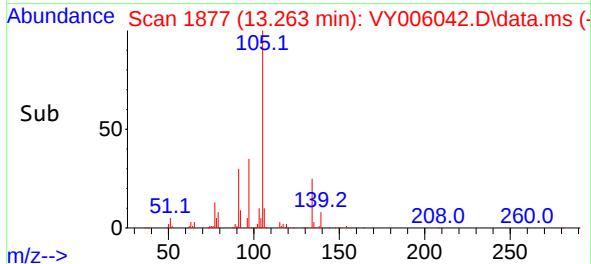
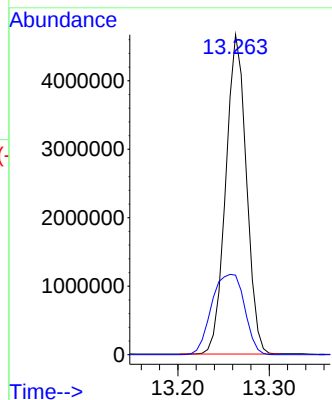
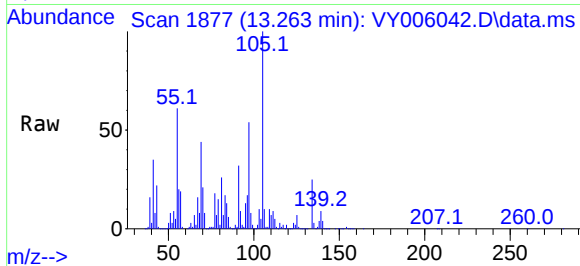




#85
sec-Butylbenzene
Concen: 228.847 ug/l
RT: 13.263 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

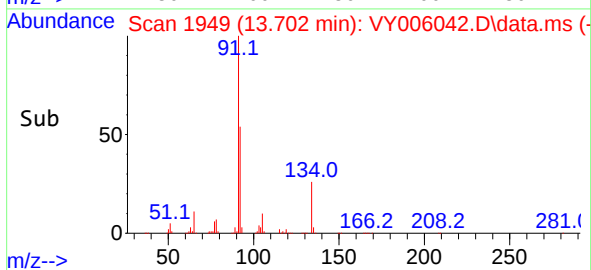
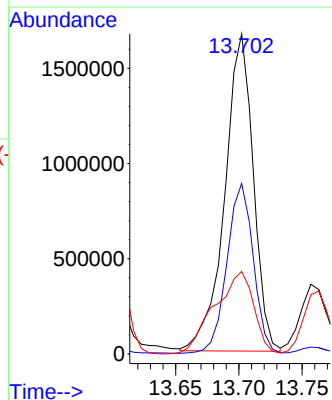
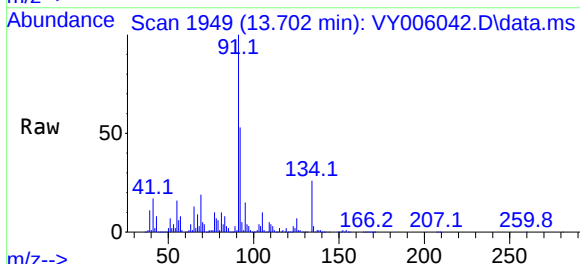
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(5-7)RE

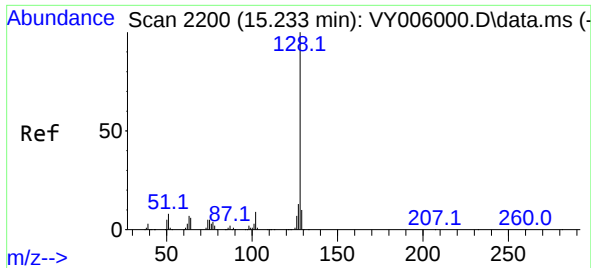
Tgt Ion:105 Resp: 7324768
Ion Ratio Lower Upper
105 100
134 39.9 10.2 30.4#



#89
n-Butylbenzene
Concen: 102.448 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

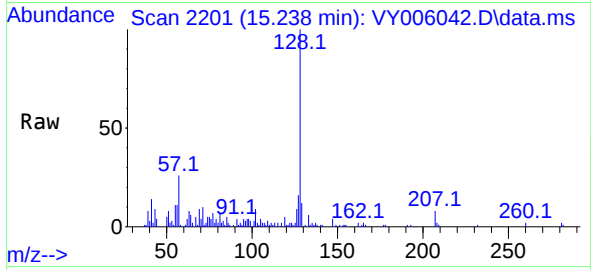
Tgt Ion: 91 Resp: 2617865
Ion Ratio Lower Upper
91 100
92 49.5 26.3 78.9
134 35.6 13.0 38.9





#95
Naphthalene
Concen: 1.107 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006042.D
Acq: 16 Sep 2021 13:01

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(5-7)RE



Tgt Ion:	128	Resp:	17030
Ion	Ratio	Lower	Upper
128	100		
127	16.8	11.0	16.4#
129	11.5	8.4	12.6

