

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008001.D
 Acq On : 22 Mar 2022 15:31
 Operator : SY/MD
 Sample : N2057-04RE
 Misc : 7.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-7-WEST-SIDEWALLRE

Quant Time: Mar 23 05:07:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

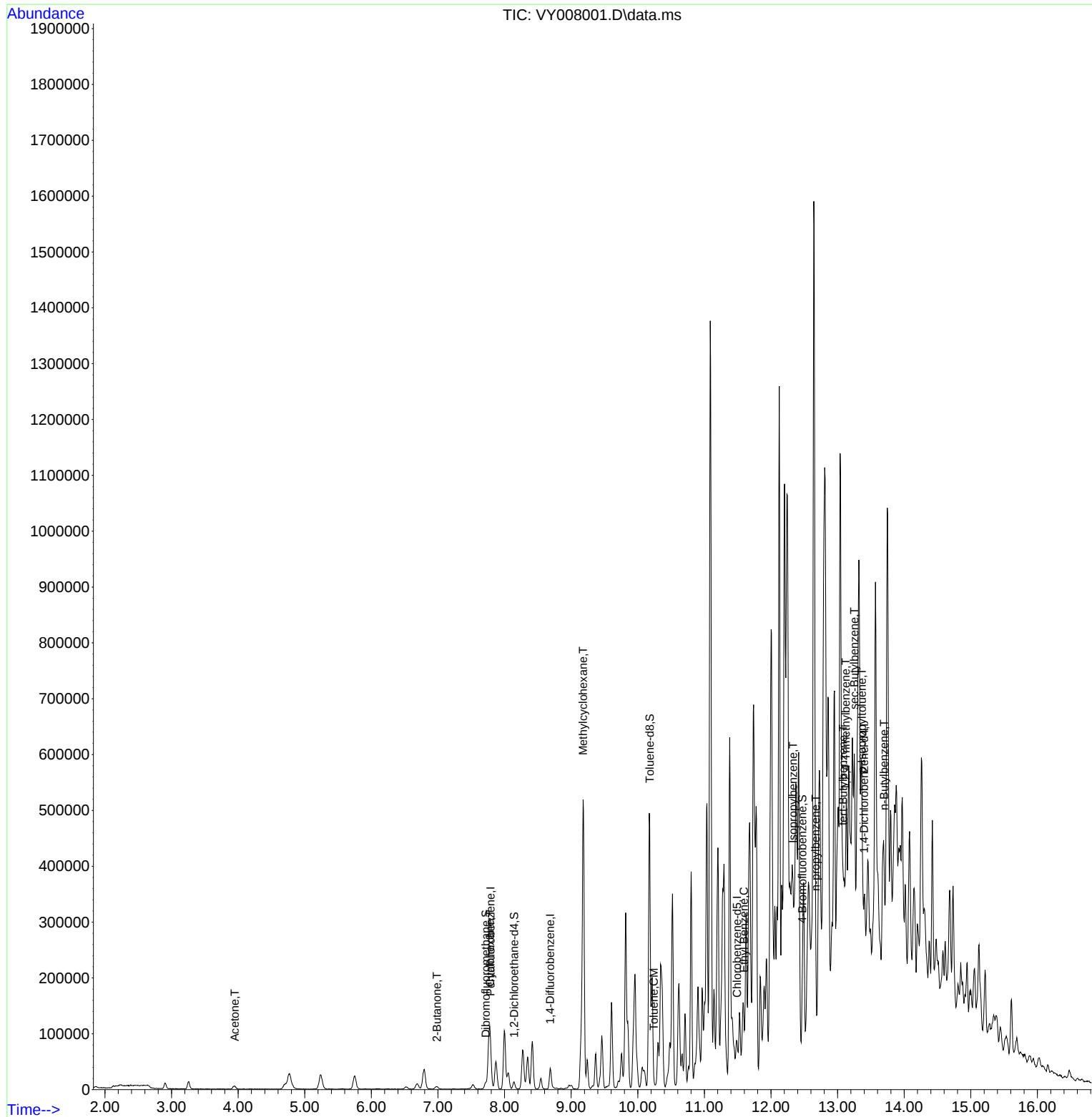
Internal Standards						
1) Pentafluorobenzene	7.789	168	12872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	24141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17696	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.398	152	5739	50.000	ug/l	#-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9931	67.666	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.340%			
35) Dibromofluoromethane	7.716	113	8369	49.363	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.720%			
50) Toluene-d8	10.179	98	49512	102.786	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 205.580%#			
62) 4-Bromofluorobenzene	12.471	95	24414	100.336	ug/l	-0.01
Spiked Amount 50.000	Range 25 - 144		Recovery = 200.680%#			
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	6929	177.966	ug/l #	82
25) 2-Butanone	6.984	43	3990	63.979	ug/l #	91
31) Cyclohexane	7.783	56	45601	231.078	ug/l	98
39) Methylcyclohexane	9.179	83	224112	856.363	ug/l	93
52) Toluene	10.240	92	1245	2.638	ug/l	79
67) Ethyl Benzene	11.593	91	16604	21.989	ug/l	97
73) Isopropylbenzene	12.331	105	33393	66.105	ug/l	98
78) n-propylbenzene	12.672	91	59707	97.881	ug/l	97
83) tert-Butylbenzene	13.081	119	6043	16.256	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	5461	13.410	ug/l	88
85) sec-Butylbenzene	13.251	105	78912	141.640	ug/l	82
86) p-Isopropyltoluene	13.367	119	24605	54.401	ug/l	98
89) n-Butylbenzene	13.697	91	53581	123.443	ug/l #	77

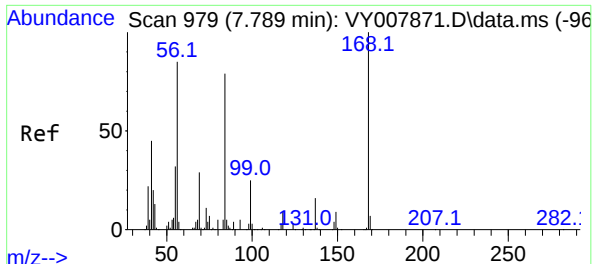
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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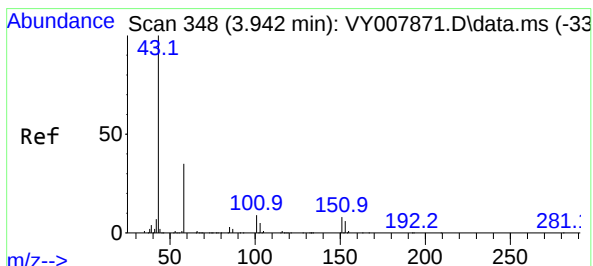
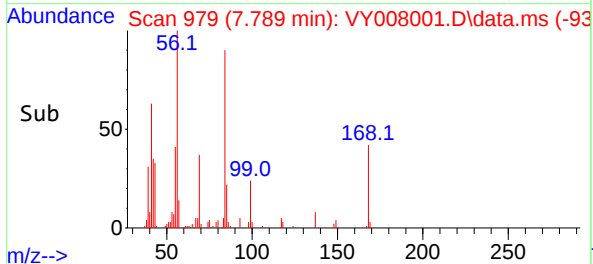
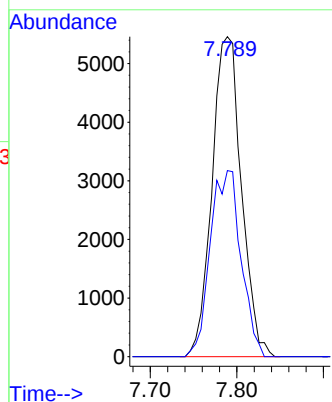
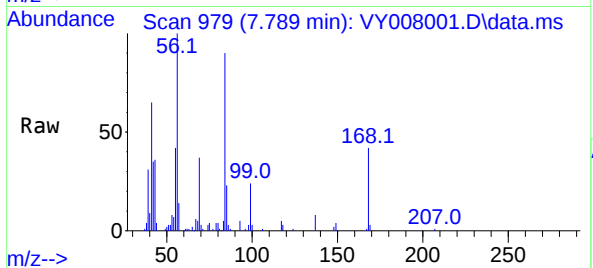




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

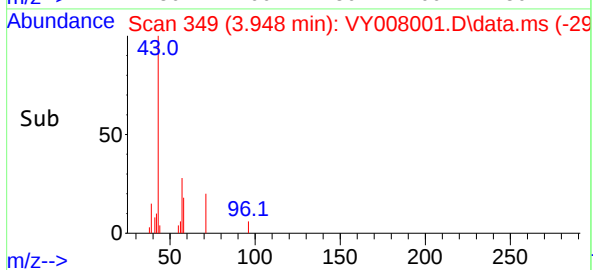
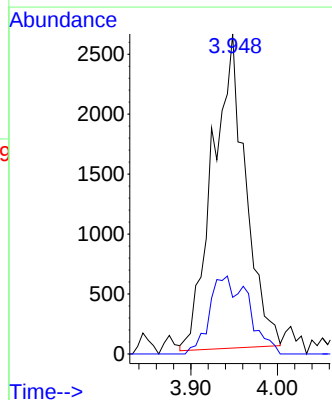
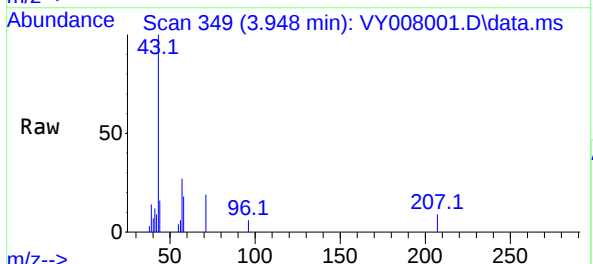
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

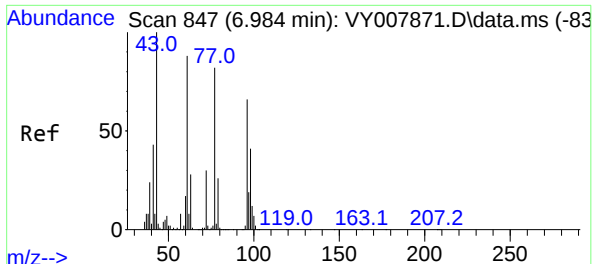
Tgt Ion:168 Resp: 12872
Ion Ratio Lower Upper
168 100
99 58.1 46.9 70.3



#16
Acetone
Concen: 177.966 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 43 Resp: 6929
Ion Ratio Lower Upper
43 100
58 18.2 22.0 33.0#





#25

2-Butanone

Concen: 63.979 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008001.D

Acq: 22 Mar 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

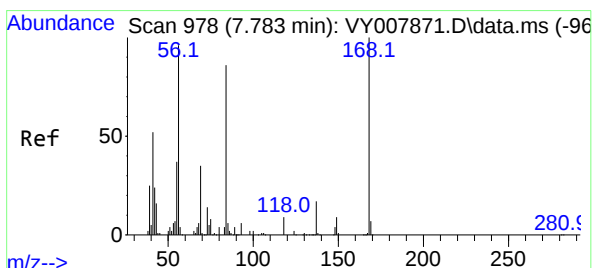
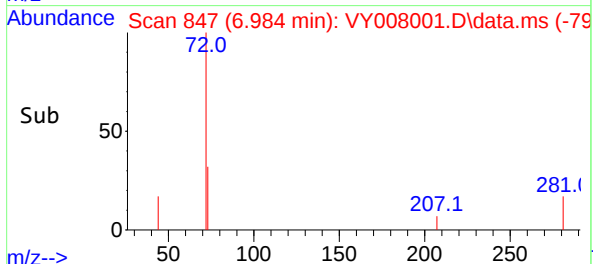
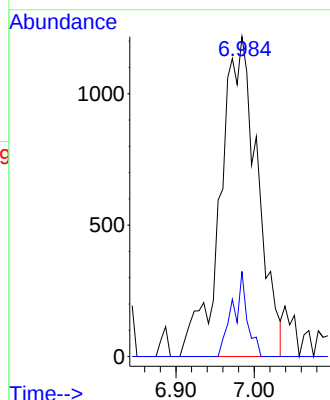
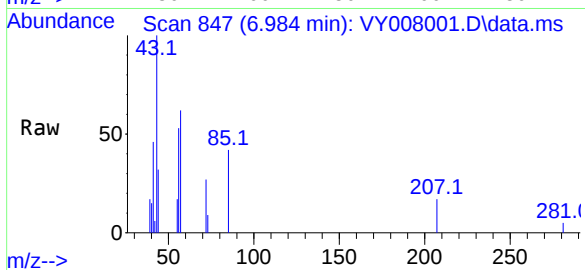
UST-7-WEST-SIDEWALLRE

Tgt Ion: 43 Resp: 3990

Ion Ratio Lower Upper

43 100

72 26.6 17.7 26.5#



#31

Cyclohexane

Concen: 231.078 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY008001.D

Acq: 22 Mar 2022 15:31

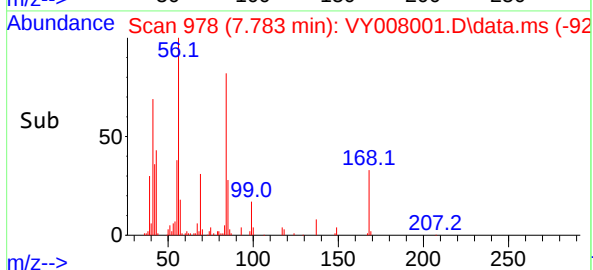
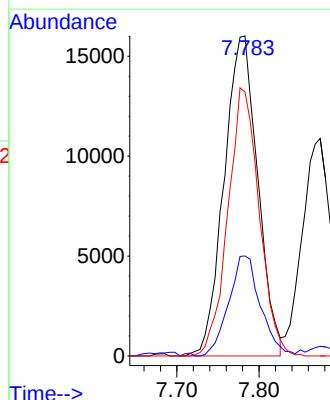
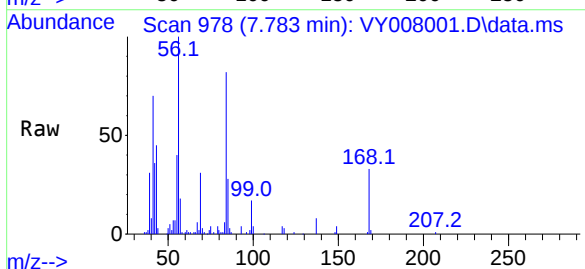
Tgt Ion: 56 Resp: 45601

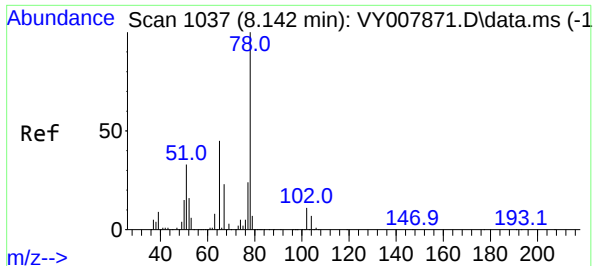
Ion Ratio Lower Upper

56 100

69 31.3 26.7 40.1

84 82.4 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 67.666 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY008001.D

Acq: 22 Mar 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

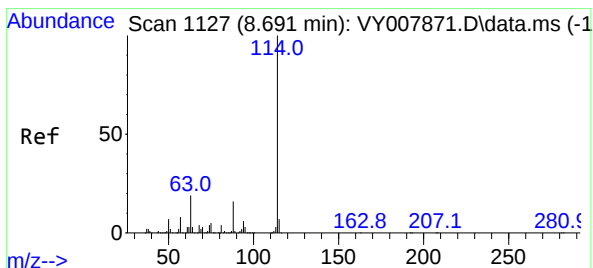
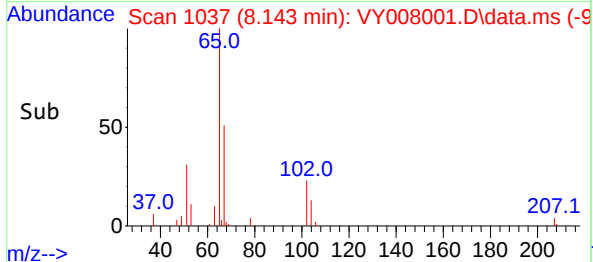
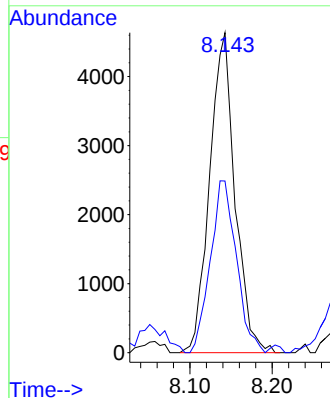
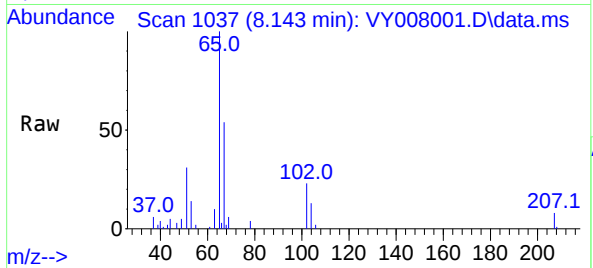
UST-7-WEST-SIDEWALLRE

Tgt Ion: 65 Resp: 9931

Ion Ratio Lower Upper

65 100

67 55.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008001.D

Acq: 22 Mar 2022 15:31

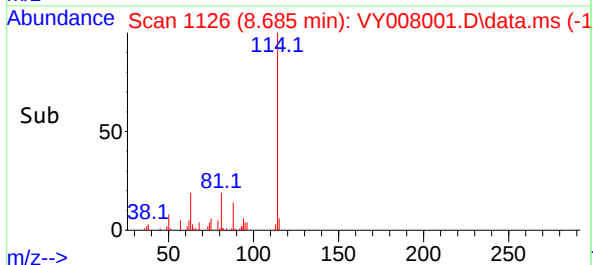
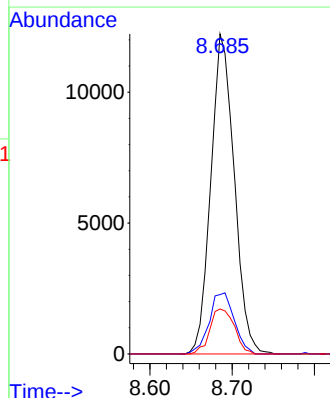
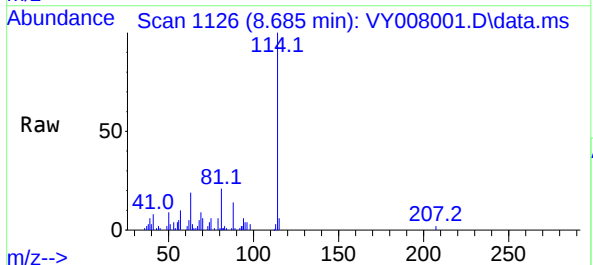
Tgt Ion:114 Resp: 24141

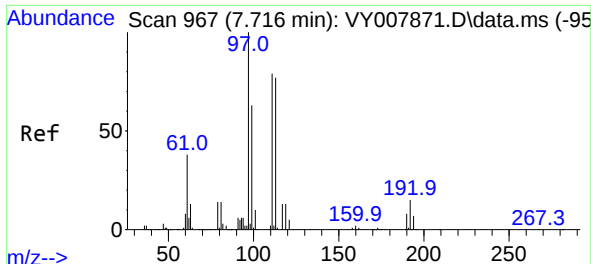
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.0 0.0 31.8

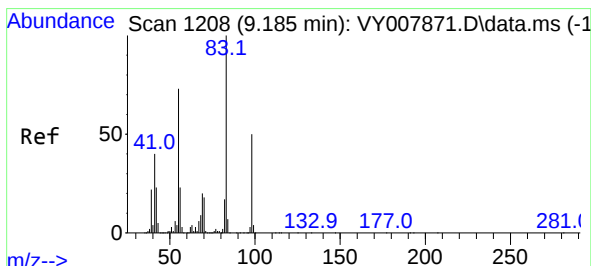
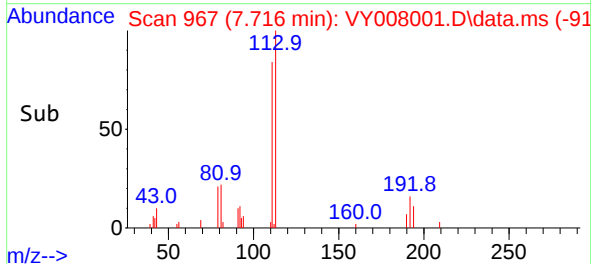
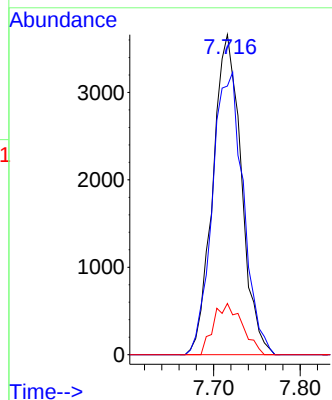
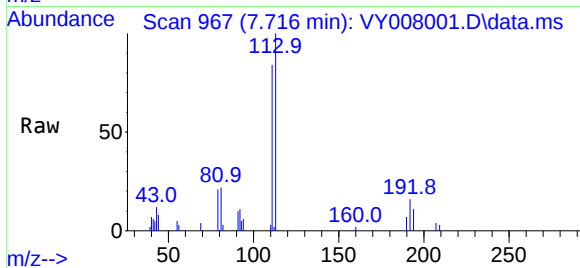




#35
Dibromofluoromethane
Concen: 49.363 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

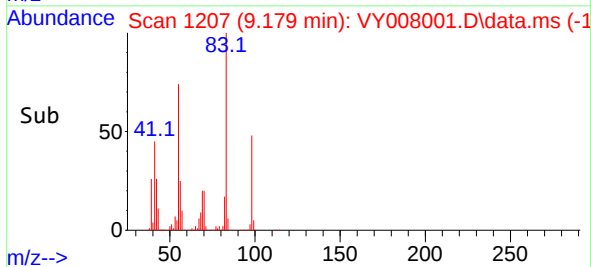
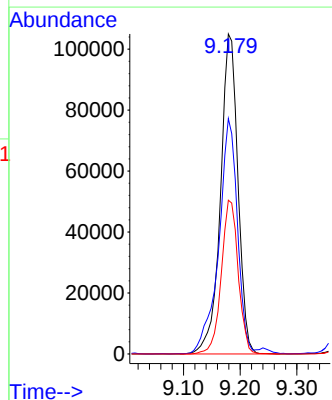
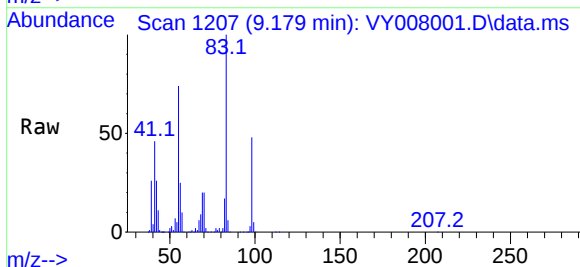
Instrument :
MSVOA_Y
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UST-7-WEST-SIDEWALLRE

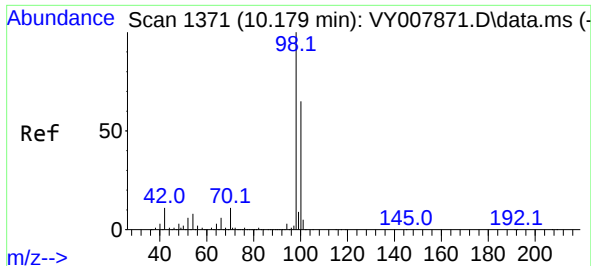
Tgt Ion:113 Resp: 8369
Ion Ratio Lower Upper
113 100
111 95.7 82.6 124.0
192 16.1 17.6 26.4#



#39
Methylcyclohexane
Concen: 856.363 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 83 Resp: 224112
Ion Ratio Lower Upper
83 100
55 73.4 66.5 99.7
98 48.1 37.9 56.9

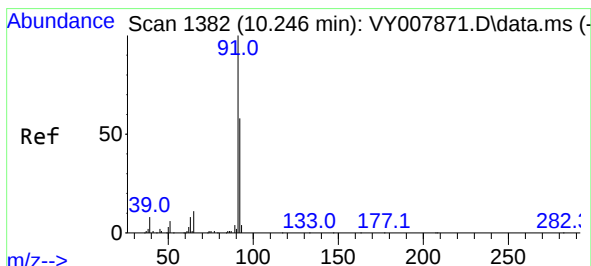
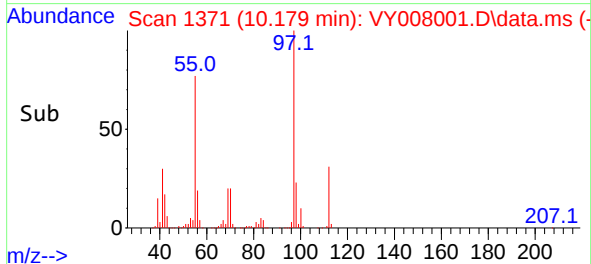
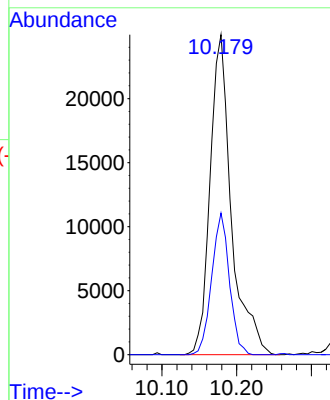
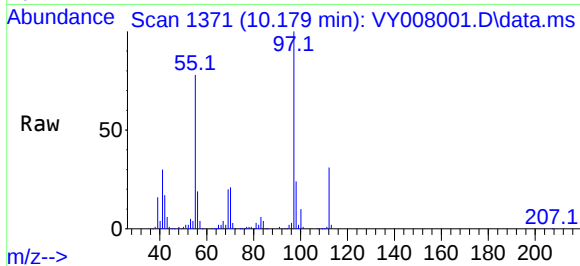




#50
Toluene-d8
Concen: 102.786 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

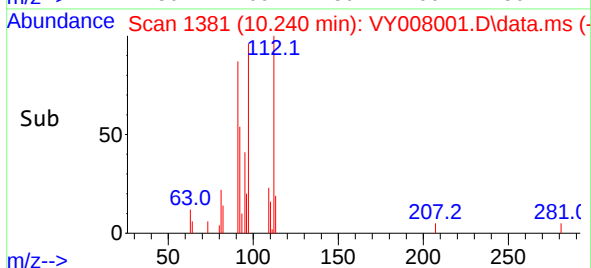
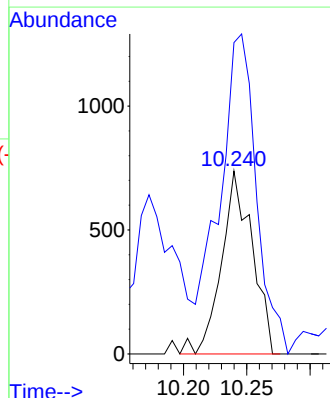
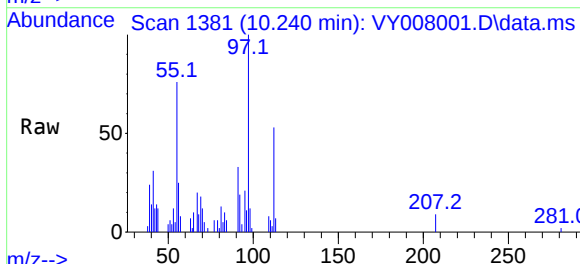
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UST-7-WEST-SIDEWALLRE

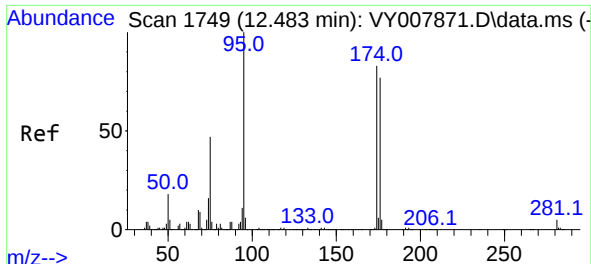
Tgt Ion: 98 Resp: 49512
Ion Ratio Lower Upper
98 100
100 36.8 50.2 75.2#



#52
Toluene
Concen: 2.638 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 92 Resp: 1245
Ion Ratio Lower Upper
92 100
91 208.3 142.6 213.8

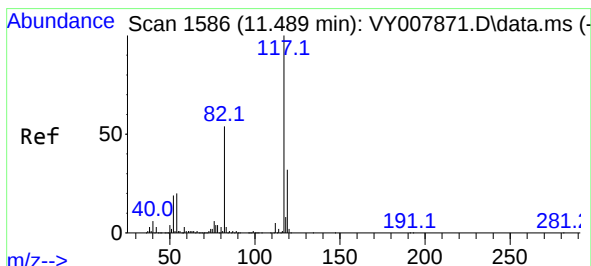
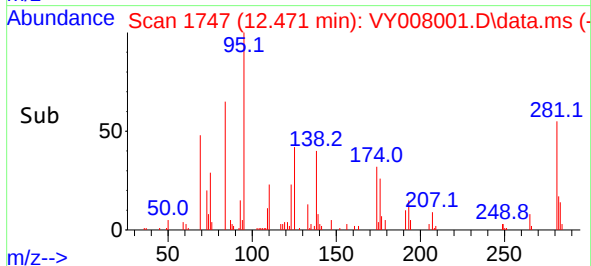
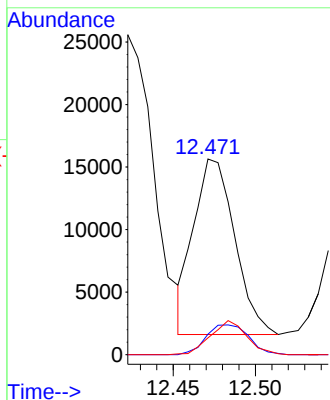
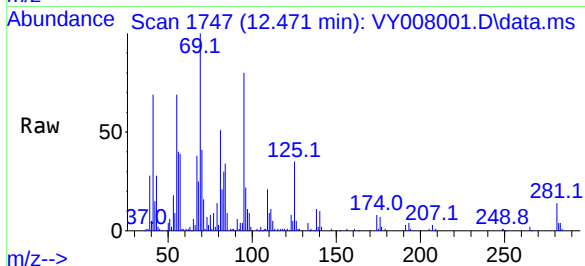




#62
4-Bromofluorobenzene
Concen: 100.336 ug/l
RT: 12.471 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

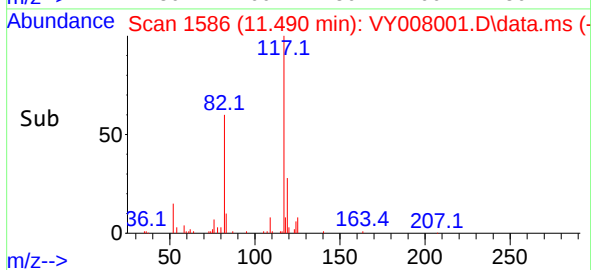
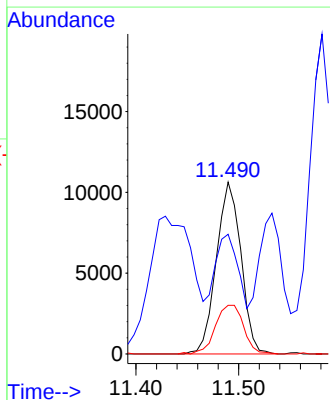
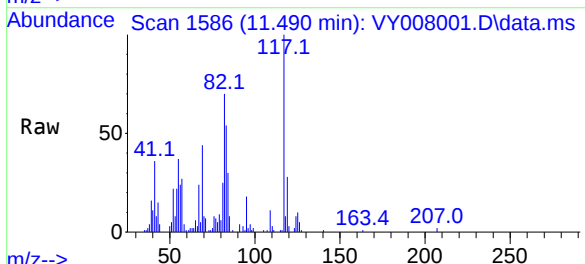
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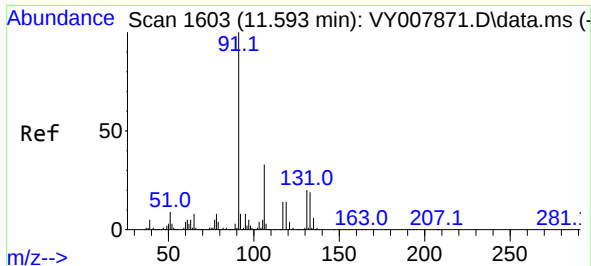
Tgt Ion: 95 Resp: 24414
Ion Ratio Lower Upper
95 100
174 17.7 0.0 177.0
176 17.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 117 Resp: 17696
Ion Ratio Lower Upper
117 100
82 2.2 43.0 64.4#
119 28.3 25.4 38.0

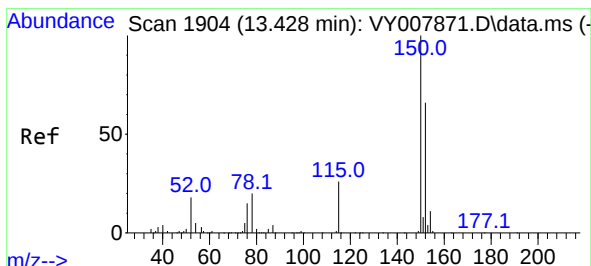
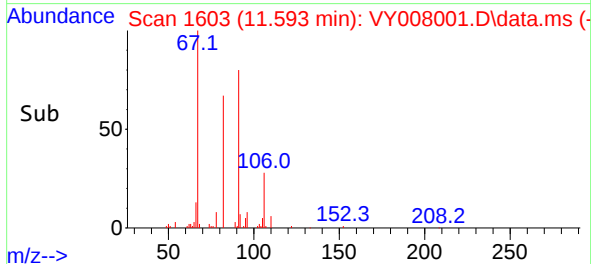
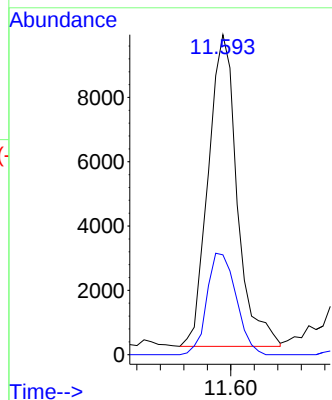
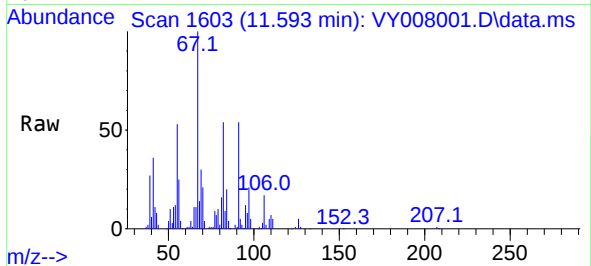




#67
Ethyl Benzene
Concen: 21.989 ug/l
RT: 11.593 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

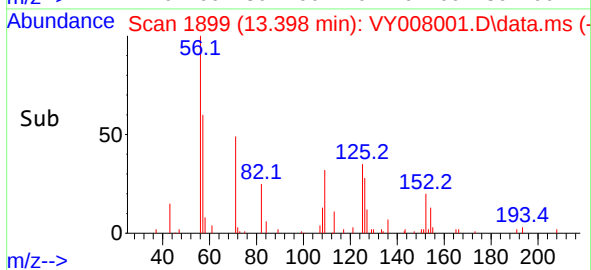
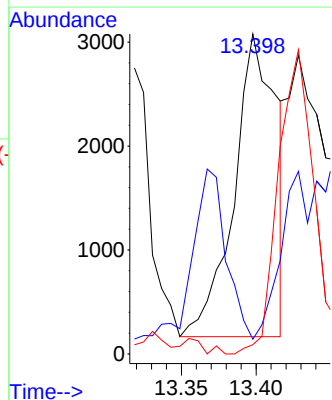
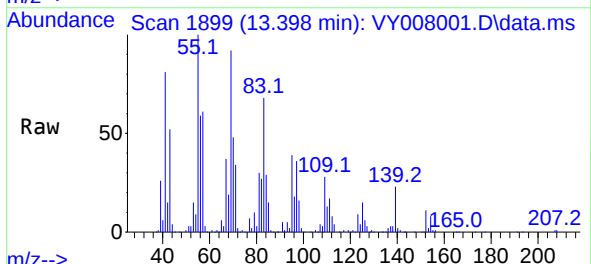
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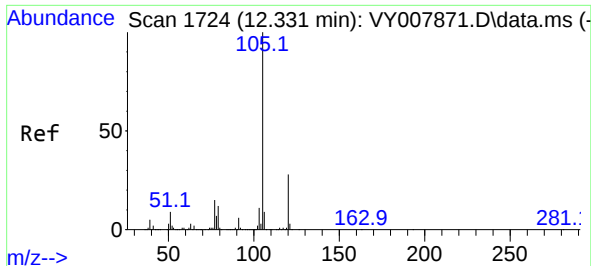
Tgt Ion: 91 Resp: 16604
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.398 min Scan# 1899
Delta R.T. -0.030 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion:152 Resp: 5739
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6

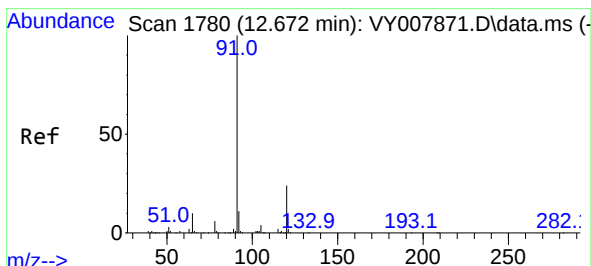
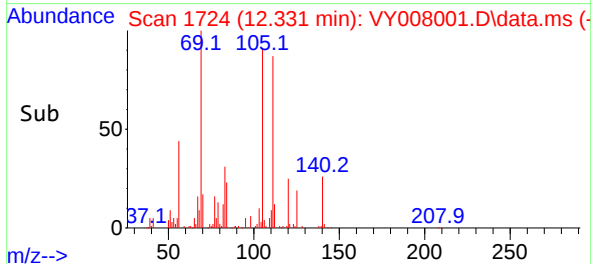
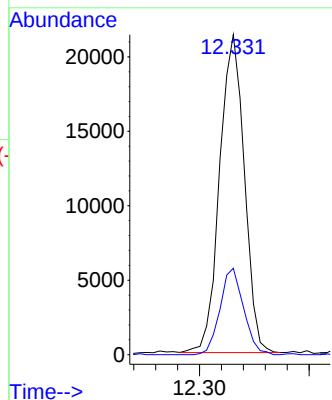
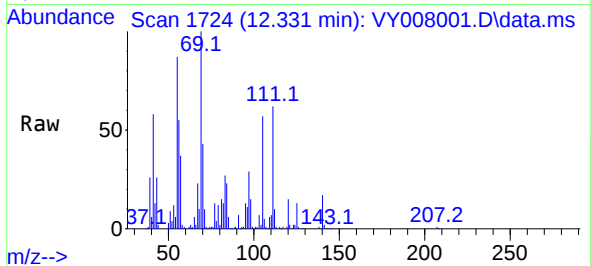




#73
Isopropylbenzene
Concen: 66.105 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

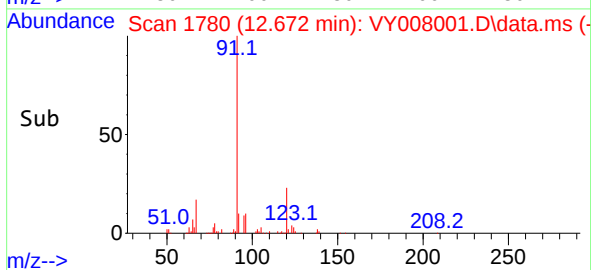
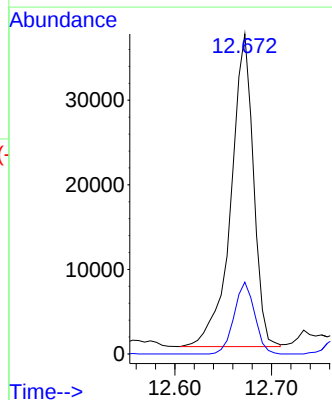
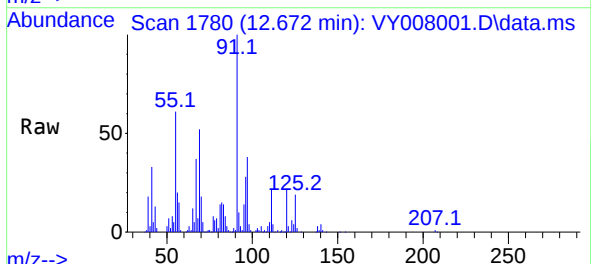
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

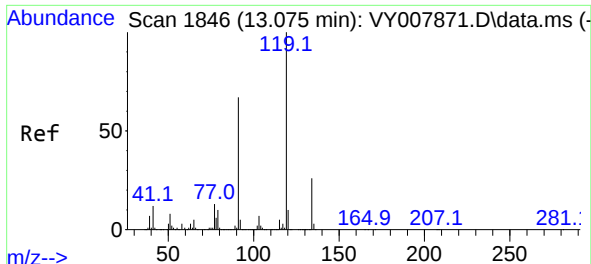
Tgt Ion:105 Resp: 33393
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.2



#78
n-propylbenzene
Concen: 97.881 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 91 Resp: 59707
Ion Ratio Lower Upper
91 100
120 20.9 11.3 33.9

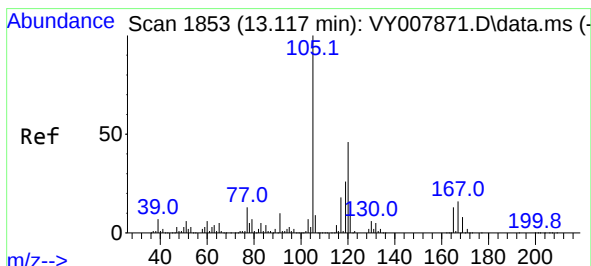
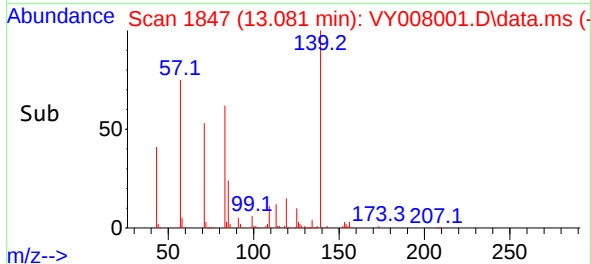
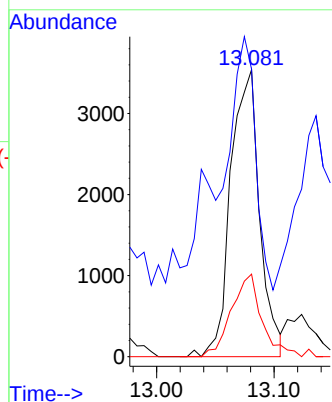
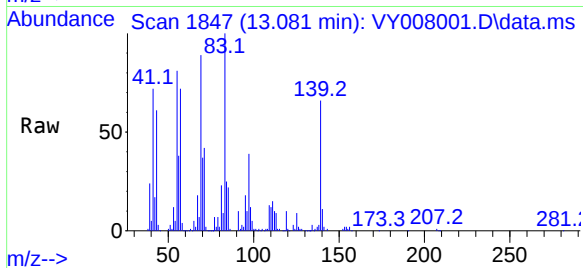




#83
tert-Butylbenzene
Concen: 16.256 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

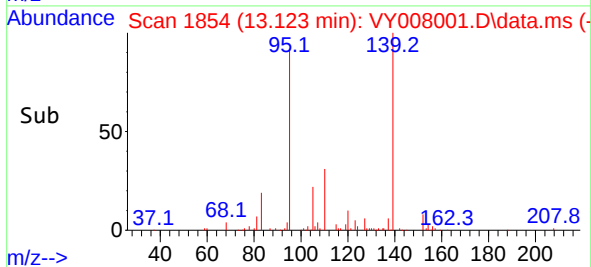
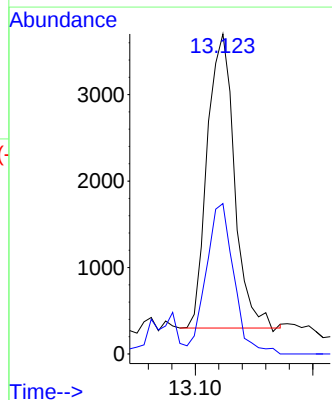
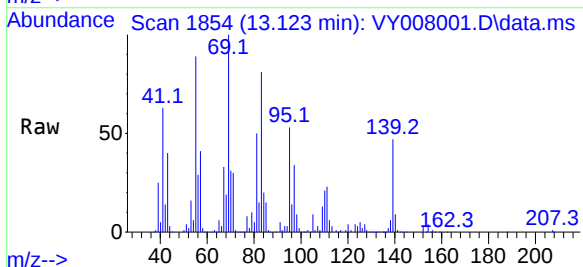
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

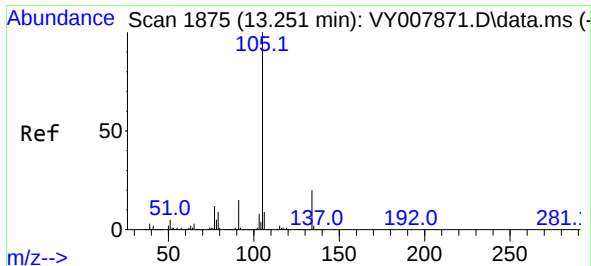
Tgt Ion:	119	Resp:	6043
Ion	Ratio	Lower	Upper
119	100		
91	77.6	34.8	104.4
134	30.2	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 13.410 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion:	105	Resp:	5461
Ion	Ratio	Lower	Upper
105	100		
120	52.1	22.3	66.9

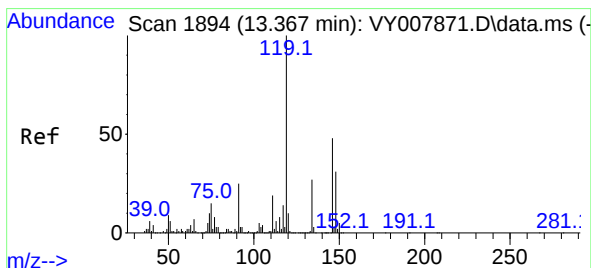
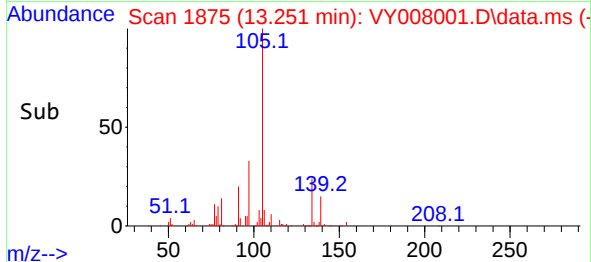
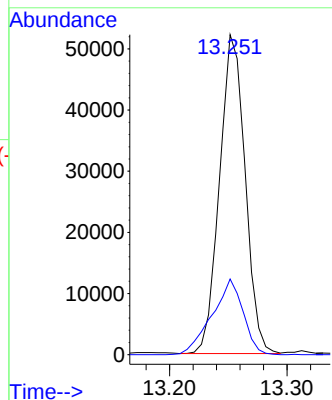
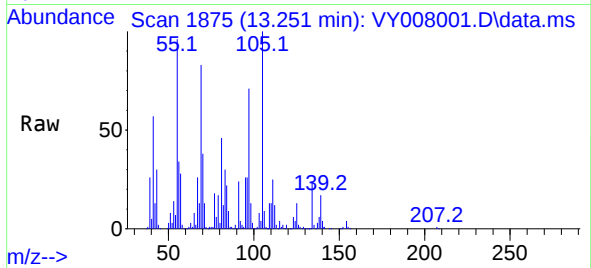




#85
 sec-Butylbenzene
 Concen: 141.640 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008001.D
 Acq: 22 Mar 2022 15:31

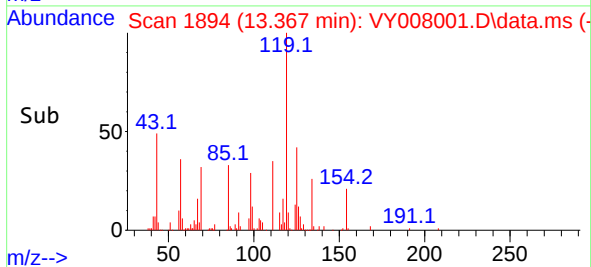
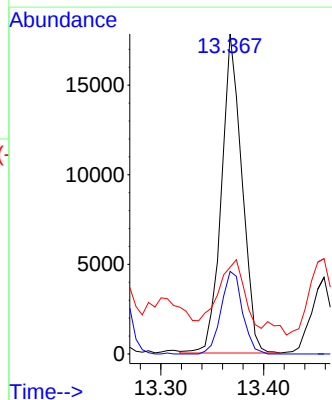
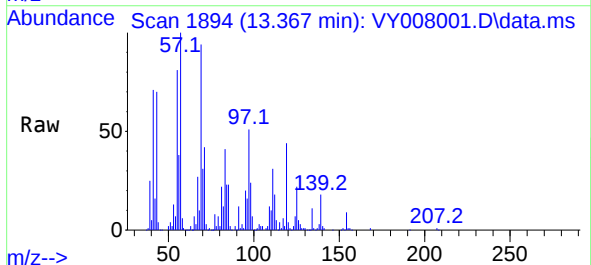
Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-7-WEST-SIDEWALLRE

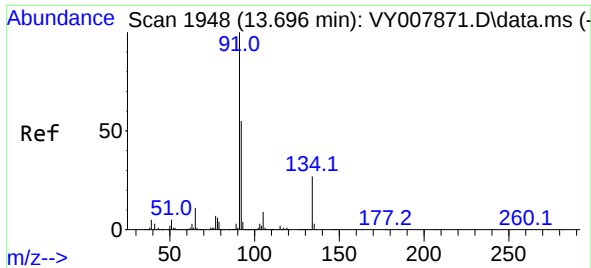
Tgt Ion:105 Resp: 78912
 Ion Ratio Lower Upper
 105 100
 134 28.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 54.401 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008001.D
 Acq: 22 Mar 2022 15:31

Tgt Ion:119 Resp: 24605
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 26.5 12.4 37.2





#89

n-Butylbenzene

Concen: 123.443 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008001.D

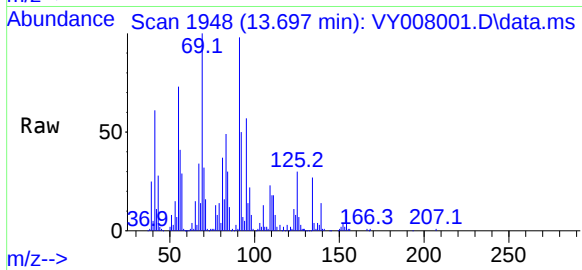
Acq: 22 Mar 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-WEST-SIDEWALLRE



Tgt Ion: 91 Resp: 53581

Ion Ratio Lower Upper

91 100

92 46.5 26.3 78.9

134 0.0 13.0 38.9#

