

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			
3) Chloromethane	2.113	50	451	Below Cal	#	87
4) Vinyl Chloride	2.247	62	128	Below Cal	#	43
5) Bromomethane	2.662	94	414	Below Cal	#	71
10) Methyl Iodide	4.088	142	259	1.838	ug/l	# 59
11) Tert butyl alcohol	4.942	59	26	1.521	ug/l	# 77
13) Acrolein	3.723	56	22	2.136	ug/l	# 1
15) Acrylonitrile	5.216	53	416	8.912	ug/l	# 24
16) Acetone	3.948	43	6929	177.966	ug/l	# 82
17) Carbon Disulfide	4.186	76	155	Below Cal	#	75
18) Methyl Acetate	4.454	43	288	Below Cal	#	56
20) Methylene Chloride	4.710	84	909	1.539	ug/l	# 56
25) 2-Butanone	6.984	43	3990	63.979	ug/l	# 91
29) Tetrahydrofuran	7.320	42	41	1.026	ug/l	# 38
30) Chloroform	7.472	83	402	1.365	ug/l	# 18
31) Cyclohexane	7.783	56	45601	231.078	ug/l	98
36) 1,1-Dichloropropene	7.783	75	1273	5.062	ug/l	# 68
37) Ethyl Acetate	7.100	43	186	1.212	ug/l	# 72
38) Carbon Tetrachloride	7.789	117	1614	6.007	ug/l	# 11
39) Methylcyclohexane	9.179	83	224112	856.363	ug/l	93
43) Isopropyl Acetate	8.265	43	11613	39.259	ug/l	# 57
47) Bromodichloromethane	9.459	83	3648	13.566	ug/l	# 45
48) Methyl methacrylate	9.240	41	9405	71.475	ug/l	# 39
51) 4-Methyl-2-Pentanone	9.959	43	91562	587.508	ug/l	# 47
52) Toluene	10.240	92	1245	2.638	ug/l	79
55) 1,1,2-Trichloroethane	10.618	97	66315	410.081	ug/l	# 20
56) Ethyl methacrylate	10.520	69	33476	144.197	ug/l	# 32
58) 2-Chloroethyl Vinyl ether	9.752	63	126	1.106	ug/l	# 48
59) 2-Hexanone	10.801	43	141231	1267.231	ug/l	# 33
61) 1,2-Dibromoethane	11.087	107	551	3.522	ug/l	# 3
65) Chlorobenzene	11.532	112	445	1.050	ug/l	# 42
67) Ethyl Benzene	11.593	91	16604	21.989	ug/l	97
68) m/p-Xylenes	11.703	106	936	3.178	ug/l	# 42
73) Isopropylbenzene	12.331	105	33393	66.105	ug/l	98
74) N-amyl acetate	12.124	43	220333	1478.387	ug/l	# 63
75) 1,1,2,2-Tetrachloroethane	12.556	83	24170	222.277	ug/l	# 88
76) 1,2,3-Trichloropropane	12.666	75	722	8.826	ug/l	# 100

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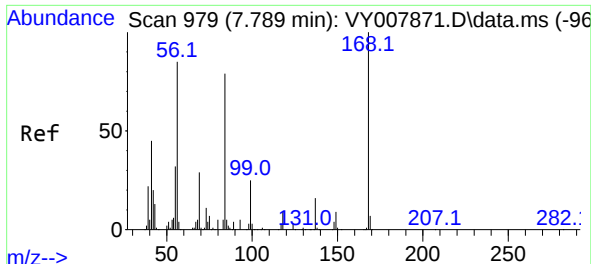
Instrument :
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 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

77) Bromobenzene	12.575	156	429	3.716	ug/l #	1
78) n-propylbenzene	12.672	91	59707	97.881	ug/l	97
79) 2-Chlorotoluene	12.556	91	2946	8.584	ug/l	82
80) 1,3,5-Trimethylbenzene	12.770	105	11772	28.337	ug/l	69
81) trans-1,4-Dichloro-2-b...	12.392	75	248	6.368	ug/l #	1
82) 4-Chlorotoluene	12.800	91	5895	16.535	ug/l #	7
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
90) Hexachloroethane	13.971	117	6721	74.449	ug/l #	6
91) 1,2-Dichlorobenzene	13.739	146	567	2.796	ug/l #	64
92) 1,2-Dibromo-3-Chloropr...	14.379	75	371	19.832	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.001	180	381	2.972	ug/l #	1
95) Naphthalene	15.239	128	2649	9.262	ug/l #	11
96) 1,2,3-Trichlorobenzene	15.452	180	1001	8.853	ug/l #	13

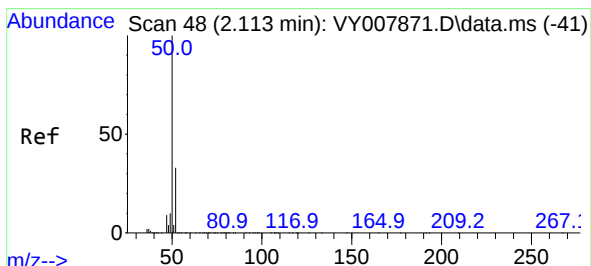
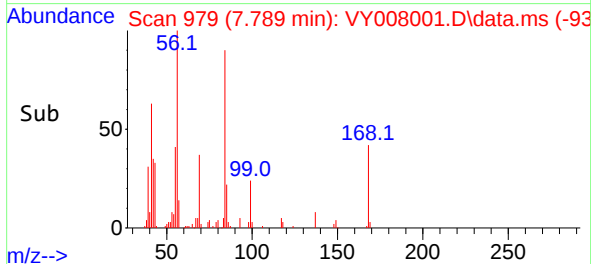
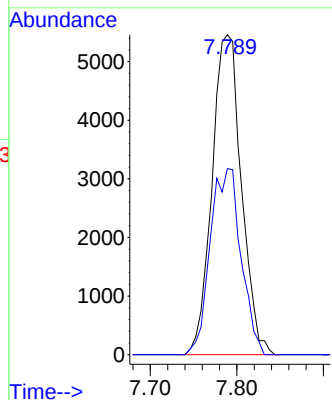
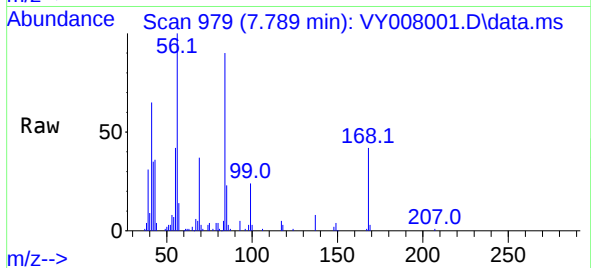
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

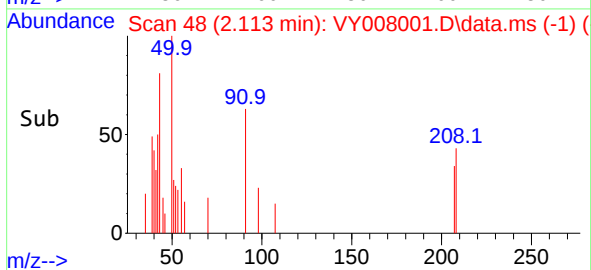
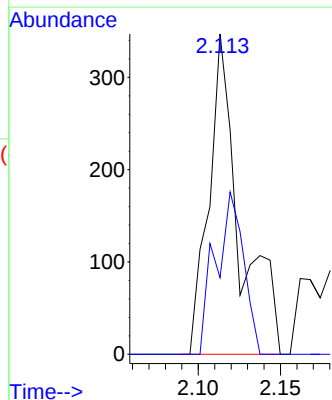
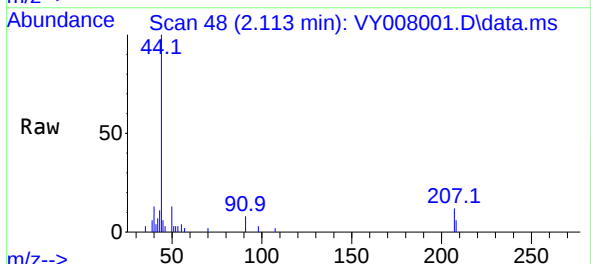
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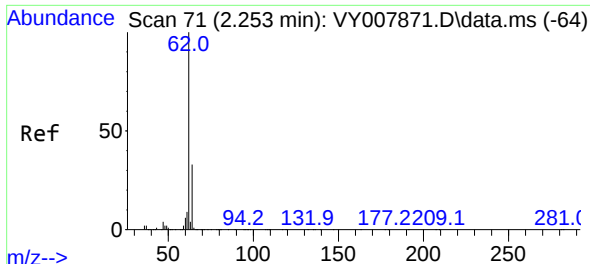
Tgt Ion:168 Resp: 12872
Ion Ratio Lower Upper
168 100
99 58.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 23.9 24.6 37.0#

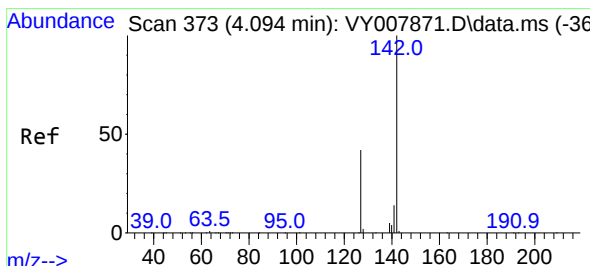
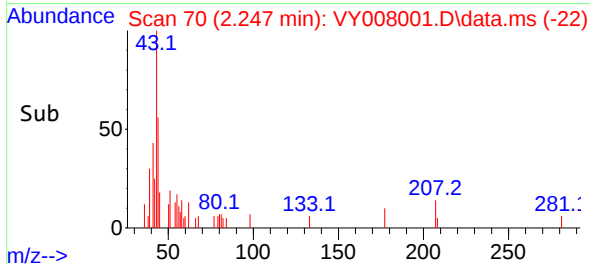
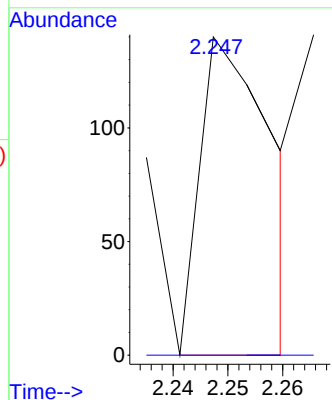
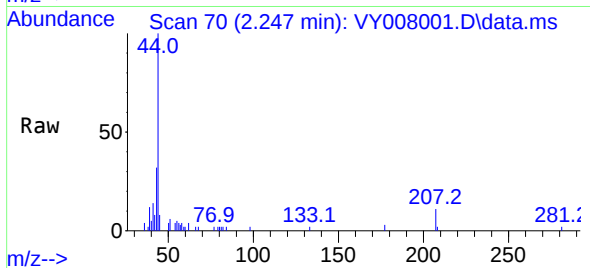




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.247 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VY008001.D
 Acq: 22 Mar 2022 15:31

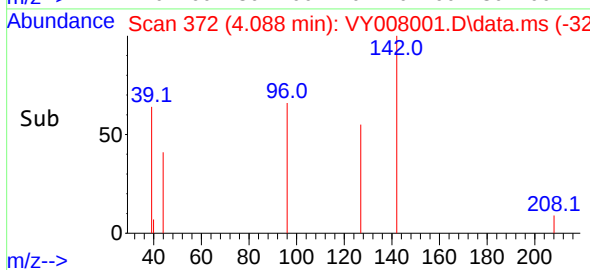
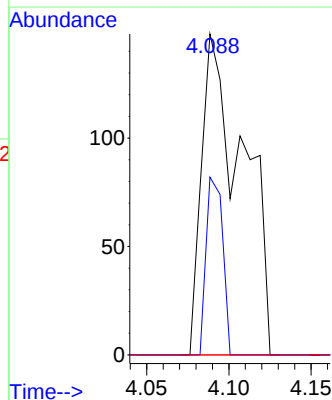
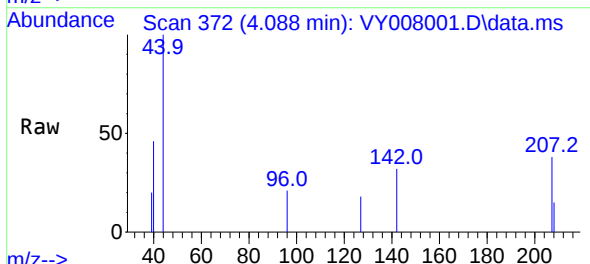
Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-7-WEST-SIDEWALLRE

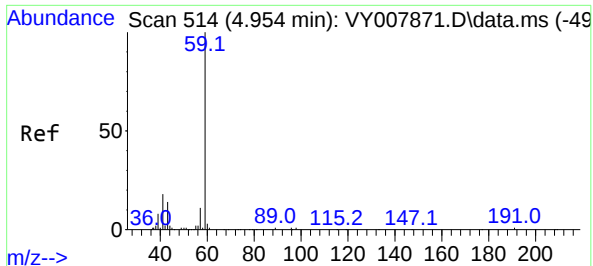
Tgt Ion: 62 Resp: 128
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#10
 Methyl Iodide
 Concen: 1.838 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY008001.D
 Acq: 22 Mar 2022 15:31

Tgt Ion: 142 Resp: 259
 Ion Ratio Lower Upper
 142 100
 127 22.0 41.5 62.3#
 141 0.0 11.9 17.9#

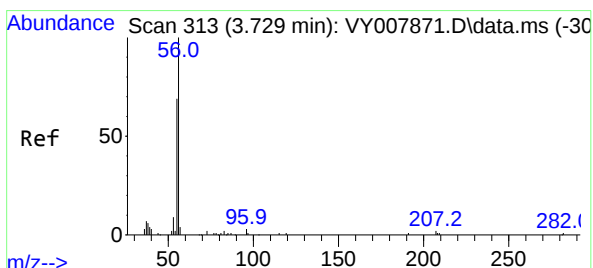
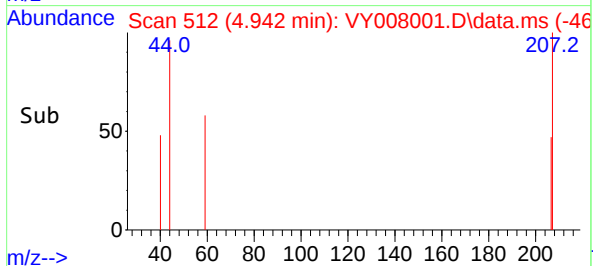
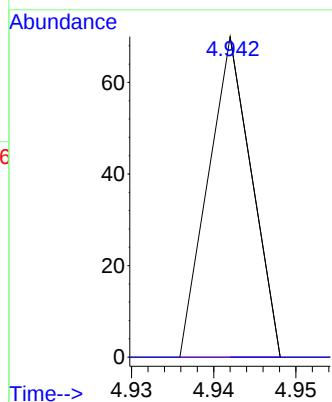
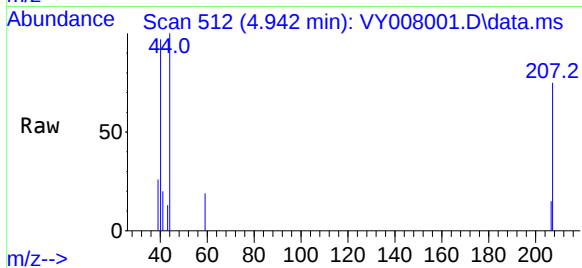




#11
Tert butyl alcohol
Concen: 1.521 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

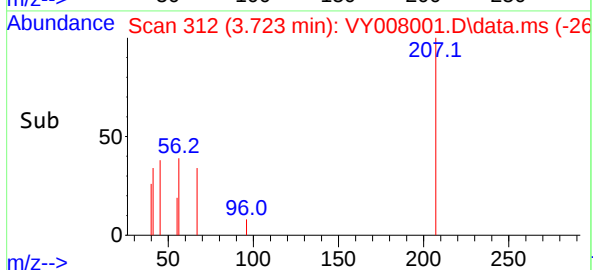
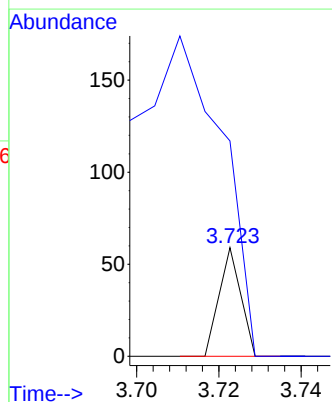
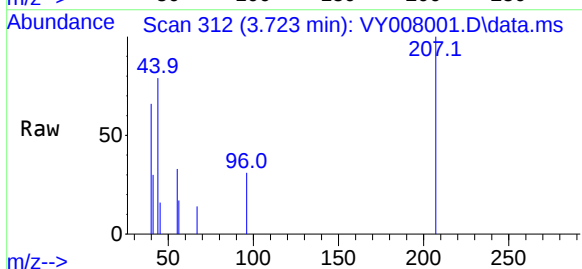
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

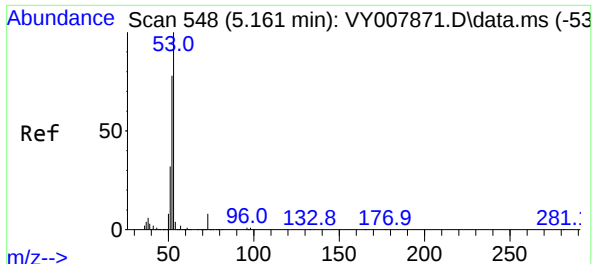
Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: 2.136 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 1531.8 57.6 86.4#

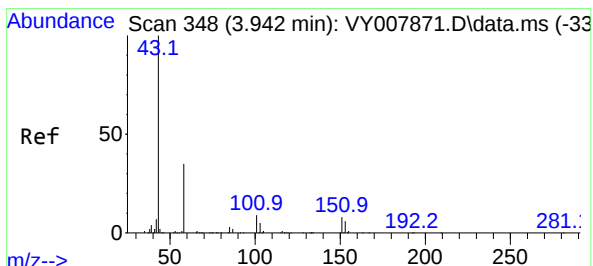
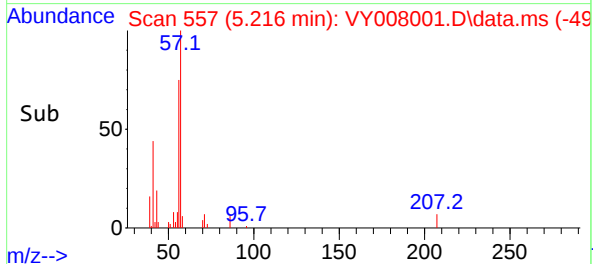
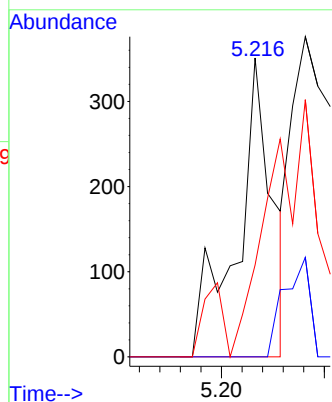
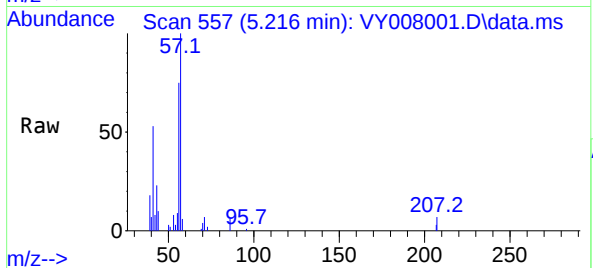




#15
Acrylonitrile
Concen: 8.912 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.055 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

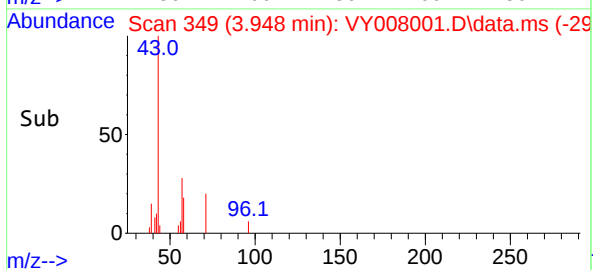
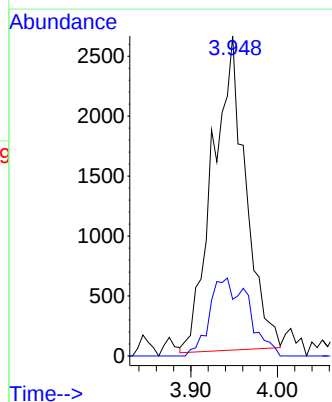
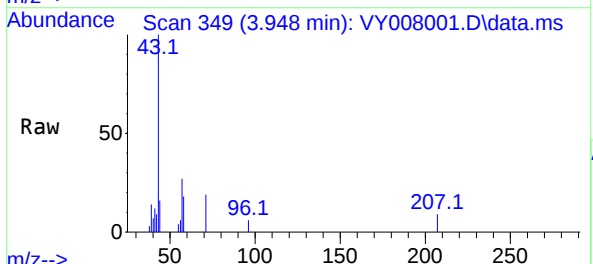
Instrument :
MSVOA_Y
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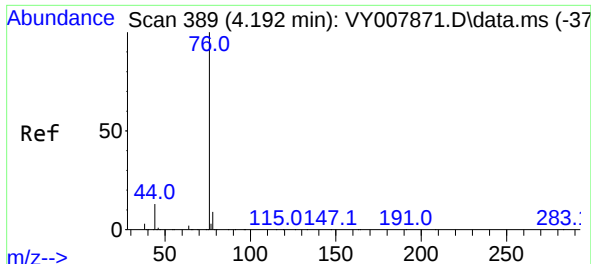
Tgt Ion: 53 Resp: 416
Ion Ratio Lower Upper
53 100
52 0.0 67.0 100.4#
51 13.7 29.8 44.6#



#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#





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.186 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY008001.D

Acq: 22 Mar 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

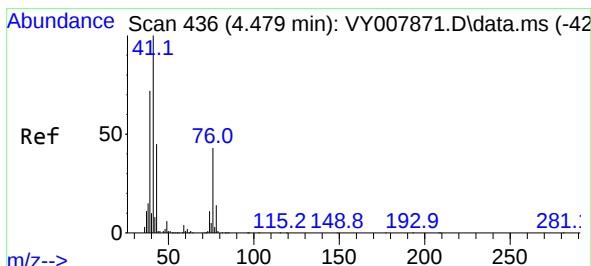
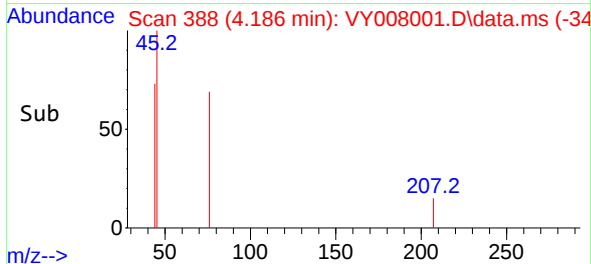
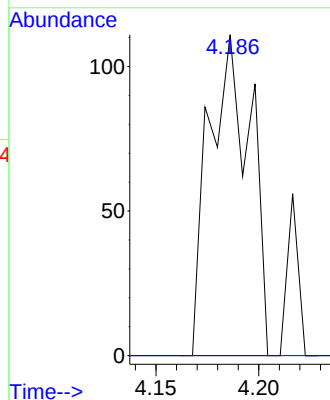
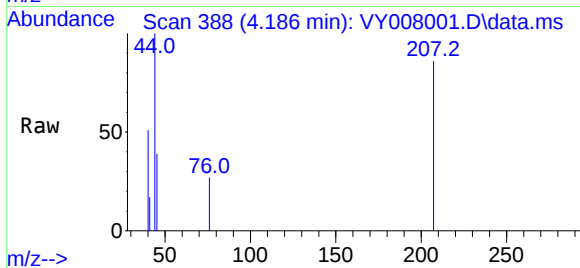
UST-7-WEST-SIDEWALLRE

Tgt Ion: 76 Resp: 155

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.454 min Scan# 432

Delta R.T. -0.018 min

Lab File: VY008001.D

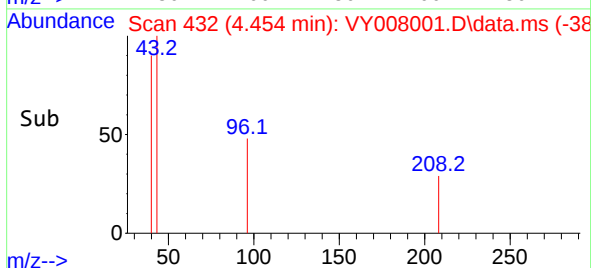
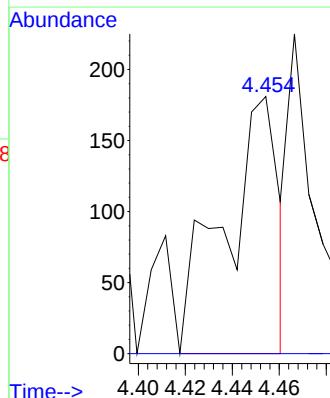
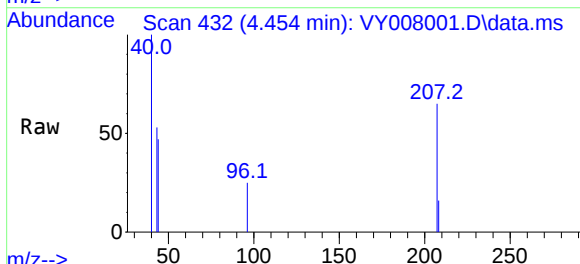
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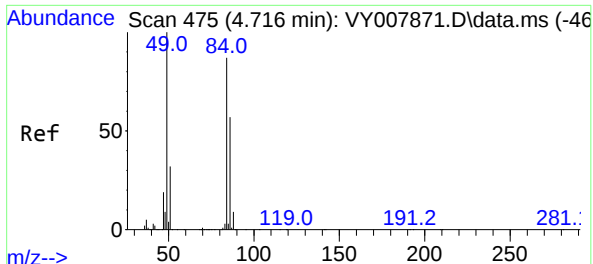
Tgt Ion: 43 Resp: 288

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

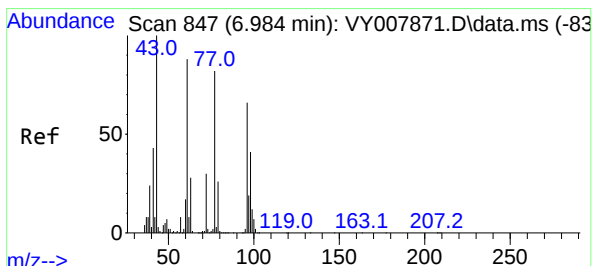
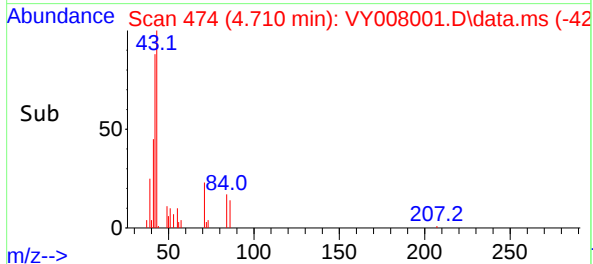
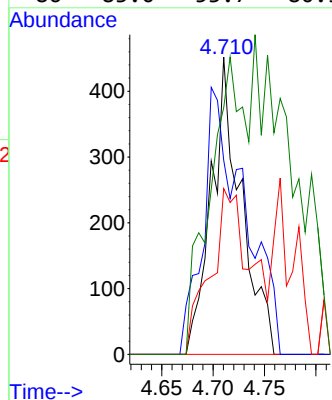
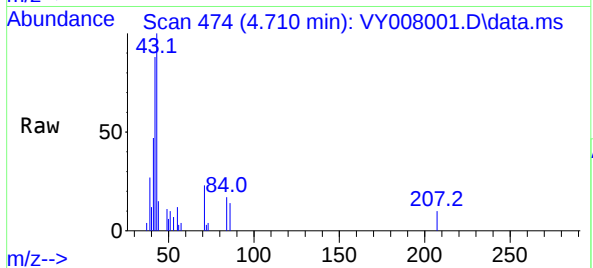




#20
Methylene Chloride
Concen: 1.539 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

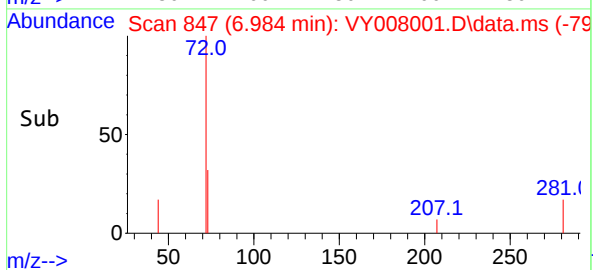
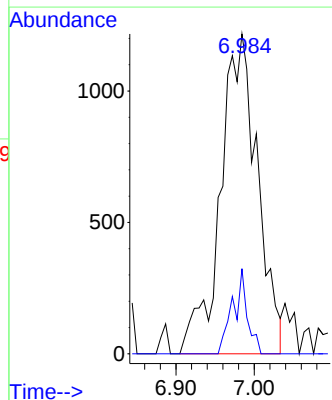
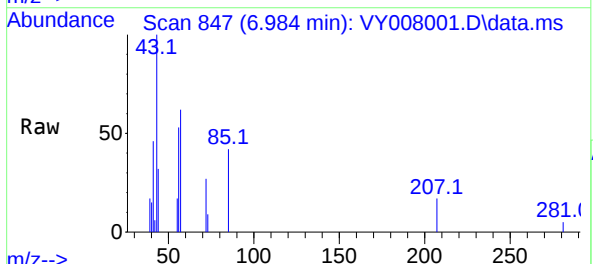
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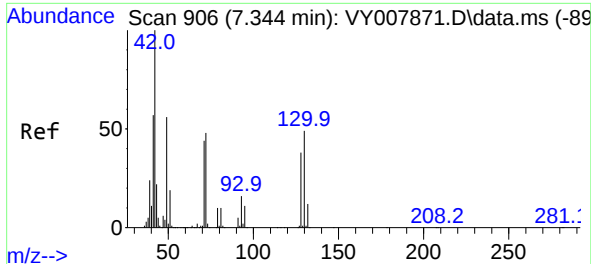
Tgt Ion:	84	Resp:	909
Ion	Ratio	Lower	Upper
84	100		
49	65.3	114.4	171.6#
51	55.8	35.3	52.9#
86	83.0	53.7	80.5#



#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

Tgt Ion:	43	Resp:	3990
Ion	Ratio	Lower	Upper
43	100		
72	26.6	17.7	26.5#





#29

Tetrahydrofuran

Concen: 1.026 ug/l

RT: 7.320 min Scan# 906

Delta R.T. -0.024 min

Lab File: VY008001.D

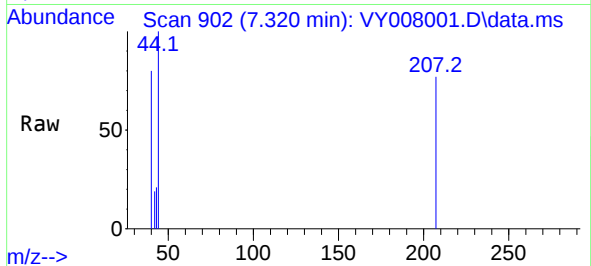
Acq: 22 Mar 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-WEST-SIDEWALLRE



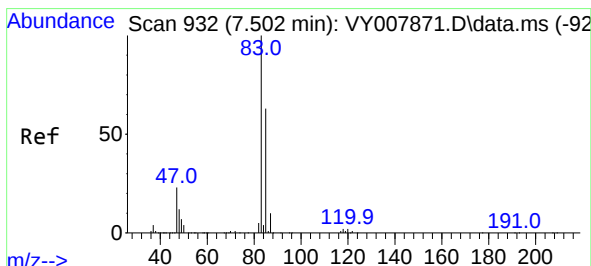
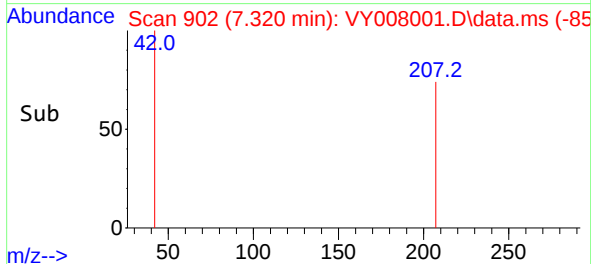
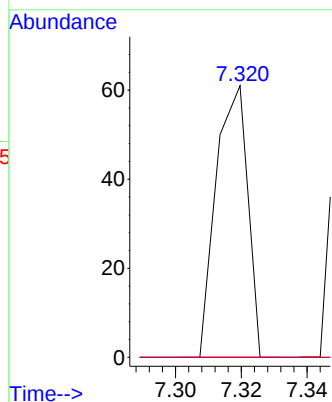
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 1.365 ug/l

RT: 7.472 min Scan# 927

Delta R.T. -0.037 min

Lab File: VY008001.D

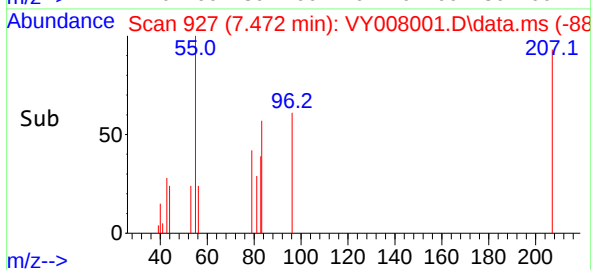
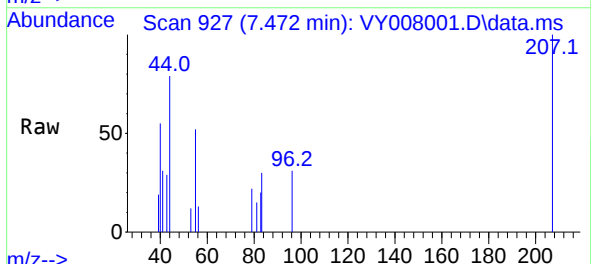
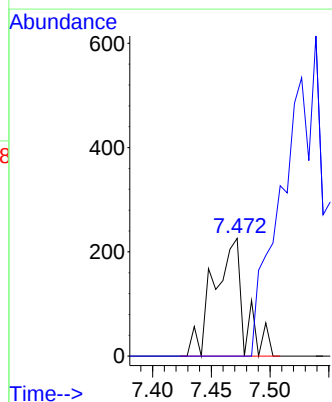
Acq: 22 Mar 2022 15:31

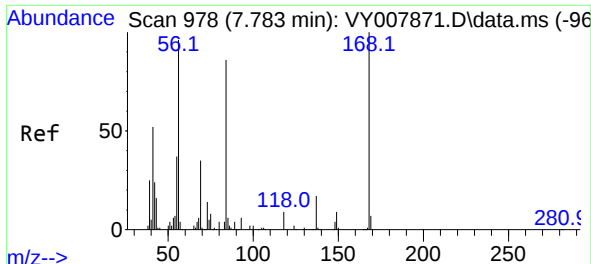
Tgt Ion: 83 Resp: 402

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#





#31

Cyclohexane

Concen: 231.078 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY008001.D

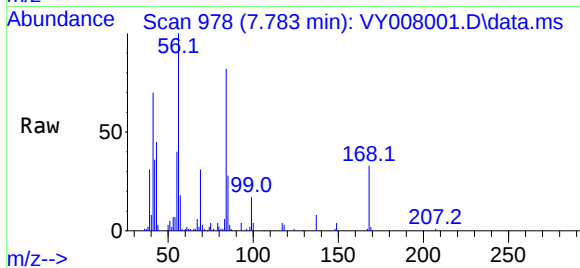
Acq: 22 Mar 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-WEST-SIDEWALLRE



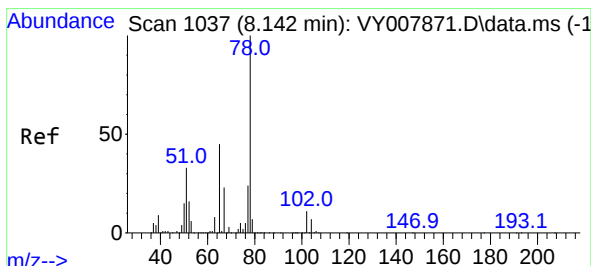
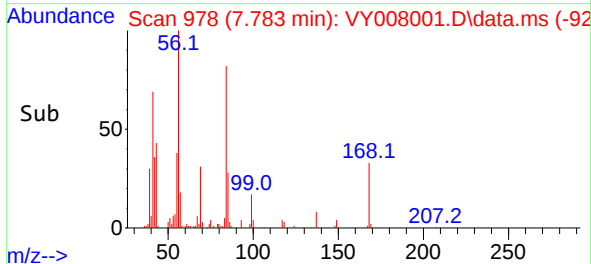
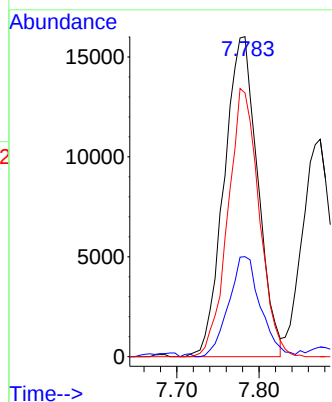
Tgt Ion: 56 Resp: 45601

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

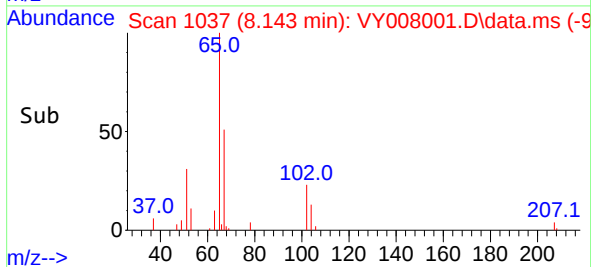
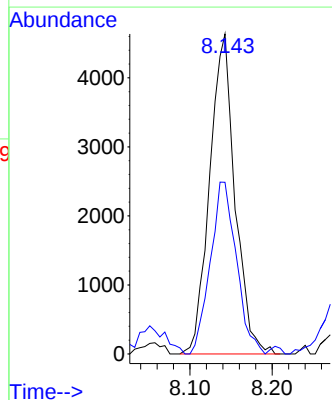
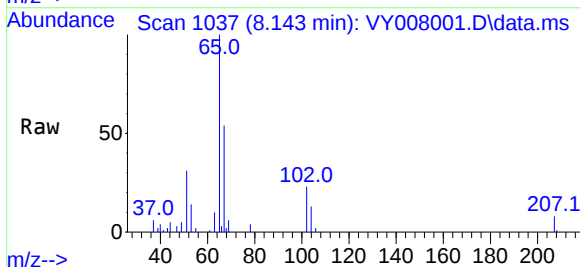
Acq: 22 Mar 2022 15:31

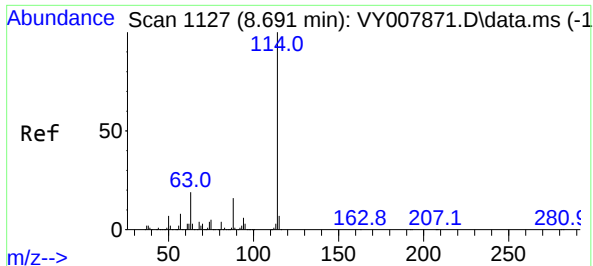
Tgt Ion: 65 Resp: 9931

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# 1127

Delta R.T. -0.006 min

Lab File: VY008001.D

Acq: 22 Mar 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-WEST-SIDEWALLRE

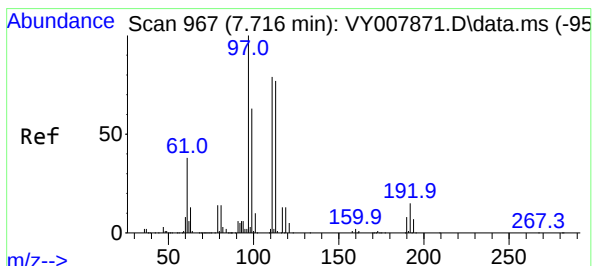
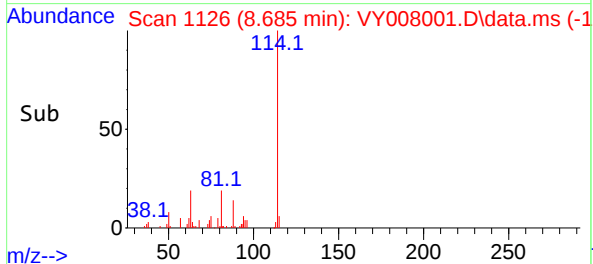
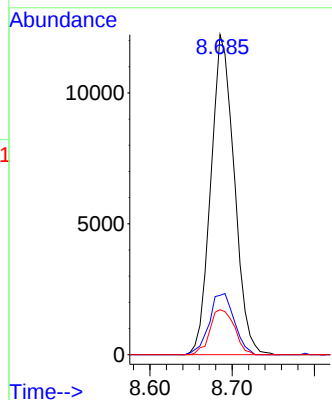
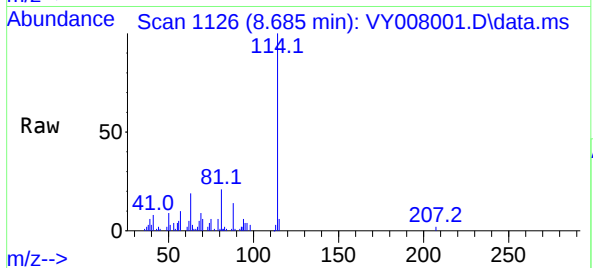
Tgt Ion:114 Resp: 24141

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# 967

Delta R.T. -0.000 min

Lab File: VY008001.D

Acq: 22 Mar 2022 15:31

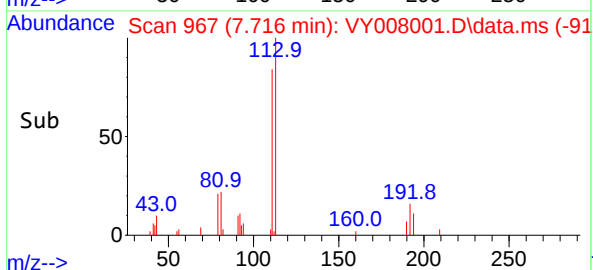
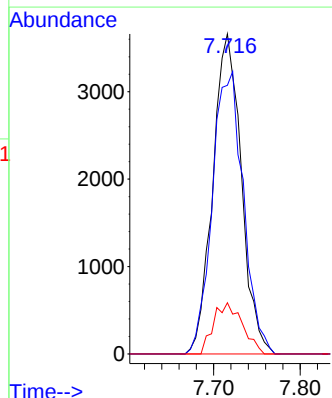
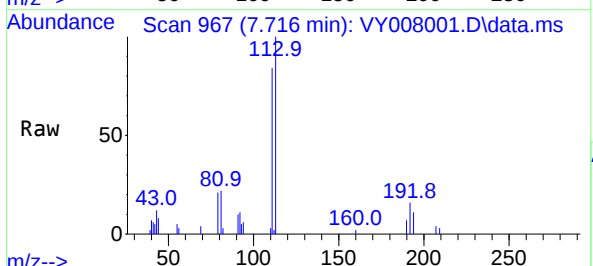
Tgt Ion:113 Resp: 8369

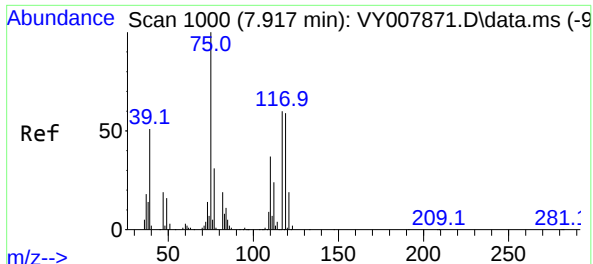
Ion Ratio Lower Upper

113 100

111 95.7 82.6 124.0

192 16.1 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 5.062 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008001.D

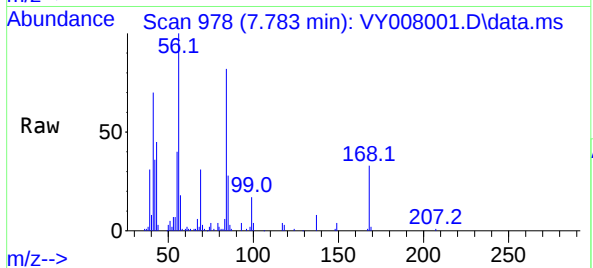
Acq: 22 Mar 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-WEST-SIDEWALLRE



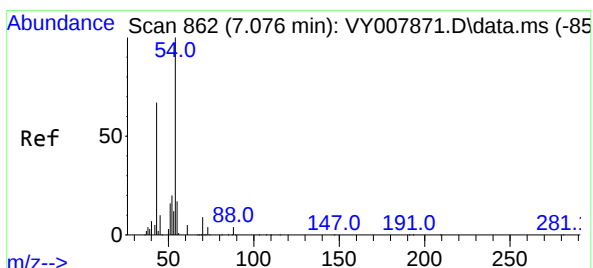
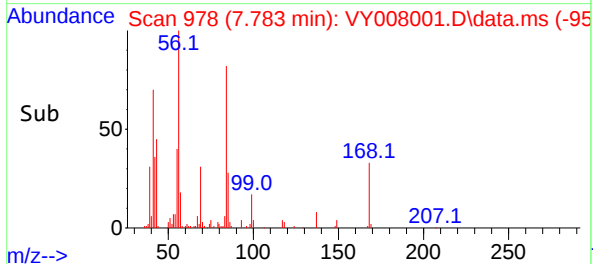
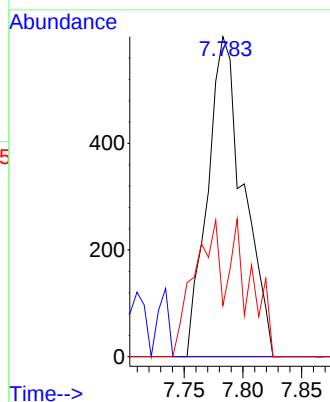
Tgt Ion: 75 Resp: 1273

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 31.6 24.4 36.6



#37

Ethyl Acetate

Concen: 1.212 ug/l

RT: 7.100 min Scan# 866

Delta R.T. 0.030 min

Lab File: VY008001.D

Acq: 22 Mar 2022 15:31

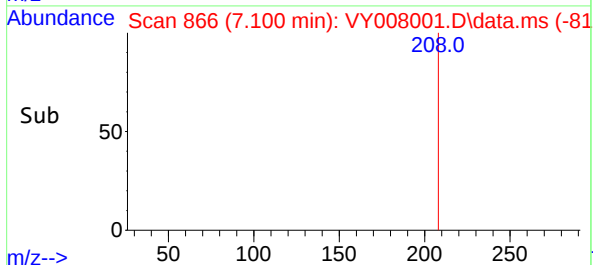
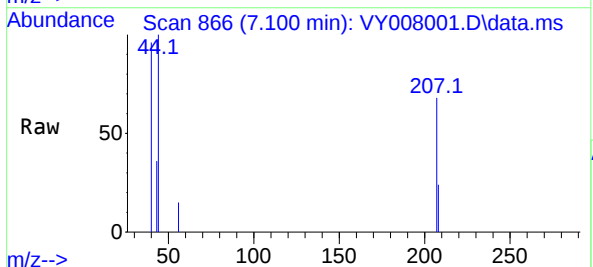
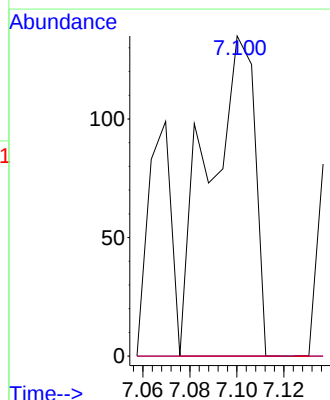
Tgt Ion: 43 Resp: 186

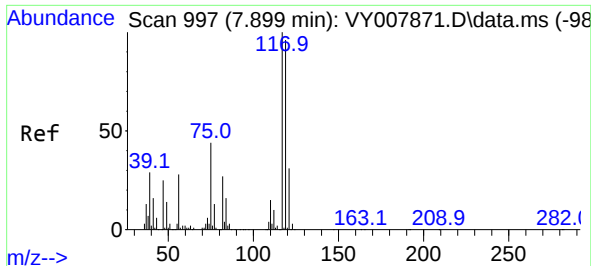
Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#

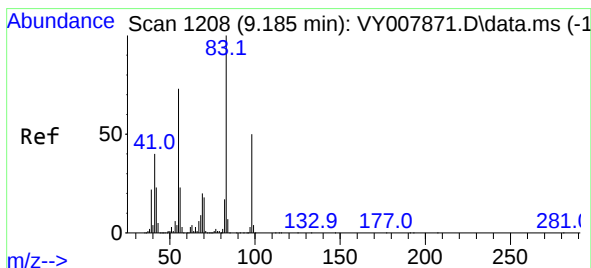
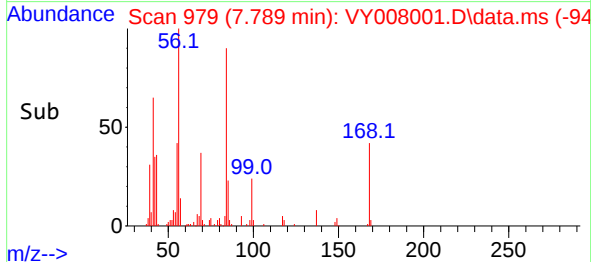
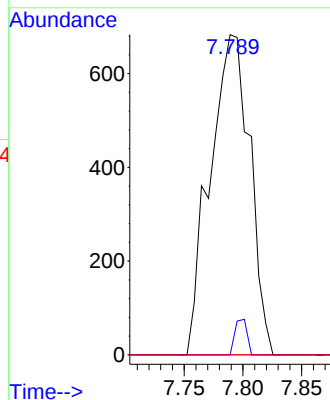
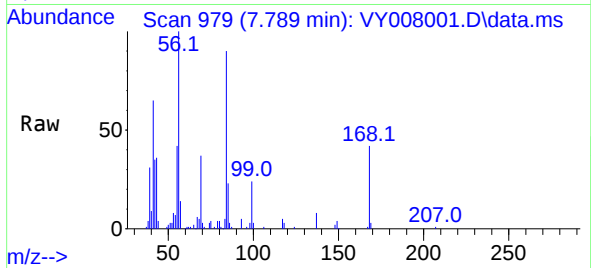




#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

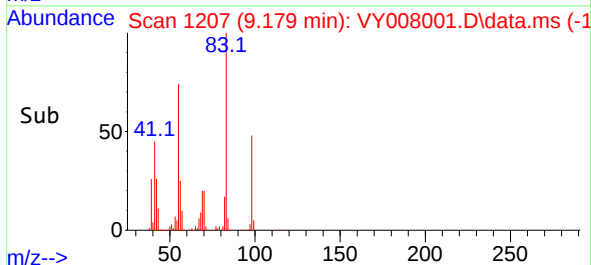
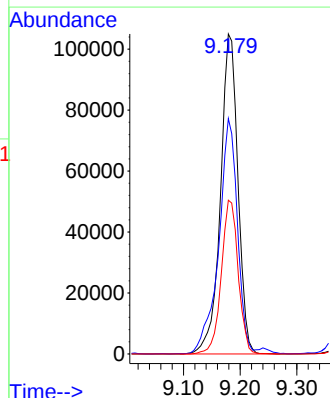
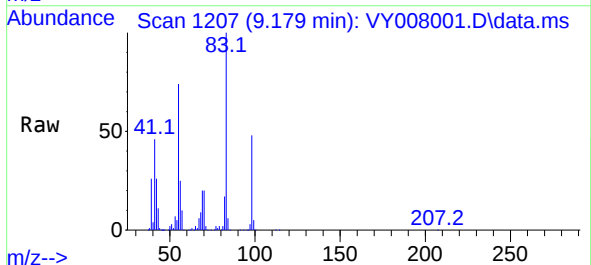
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

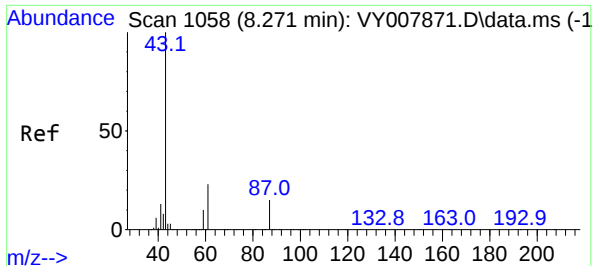
Tgt Ion:117 Resp: 1614
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#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

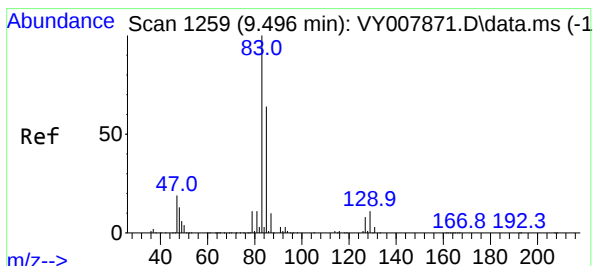
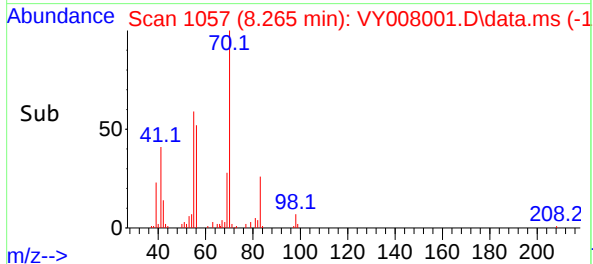
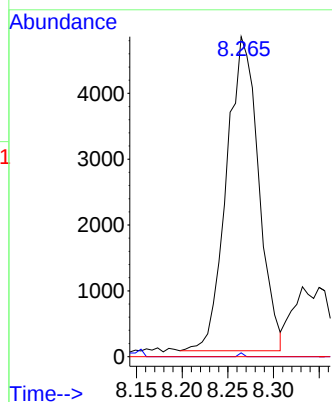
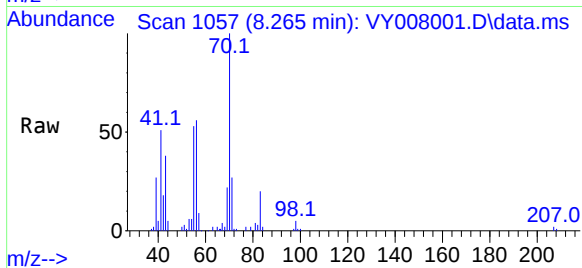




#43
Isopropyl Acetate
Concen: 39.259 ug/l
RT: 8.265 min Scan# 11613
Delta R.T. -0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

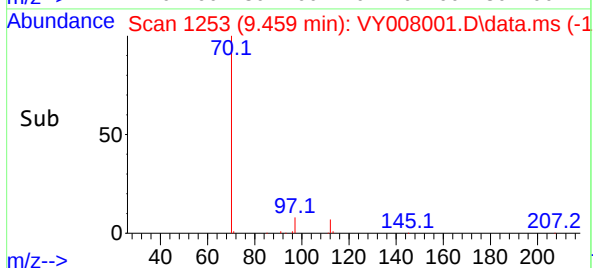
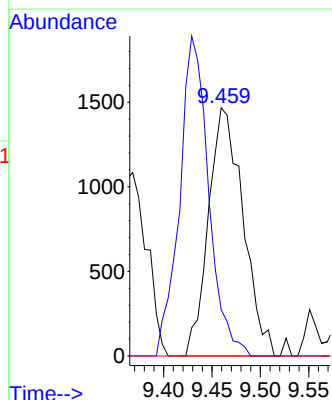
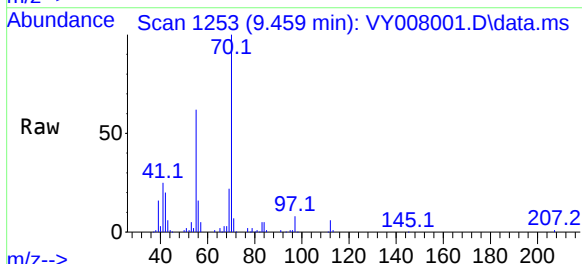
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

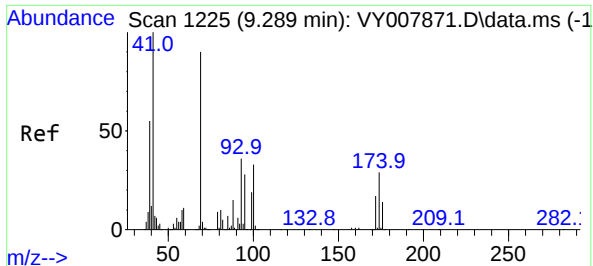
Tgt Ion:	43	Resp:	11613
Ion	Ratio	Lower	Upper
43	100		
61	0.2	20.2	30.2#
87	0.0	8.9	13.3#



#47
Bromodichloromethane
Concen: 13.566 ug/l
RT: 9.459 min Scan# 1253
Delta R.T. -0.037 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion:	83	Resp:	3648
Ion	Ratio	Lower	Upper
83	100		
85	18.6	51.9	77.9#
127	0.0	6.6	10.0#





#48

Methyl methacrylate

Concen: 71.475 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. -0.049 min

Lab File: VY008001.D

Acq: 22 Mar 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-WEST-SIDEWALLRE

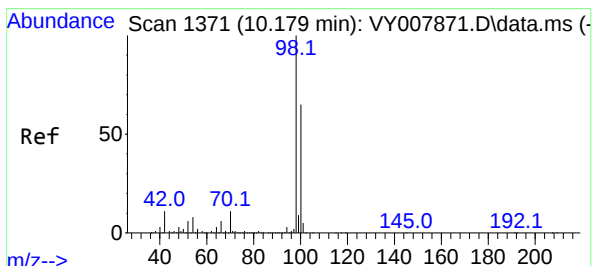
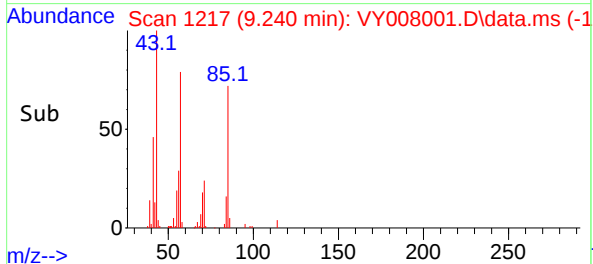
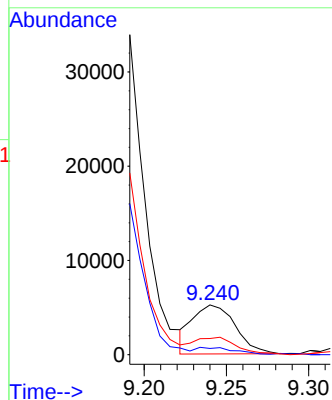
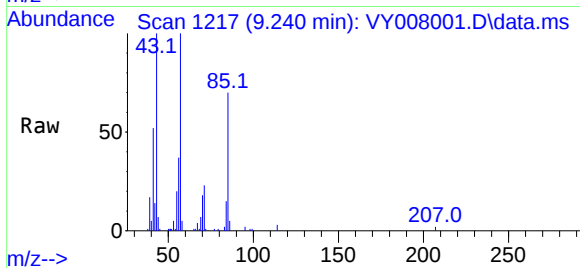
Tgt Ion: 41 Resp: 9405

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 36.7 47.4 71.0#



#50

Toluene-d8

Concen: 102.786 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008001.D

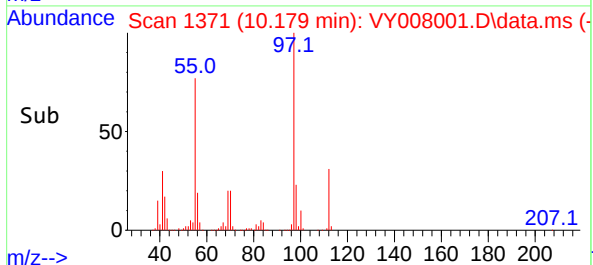
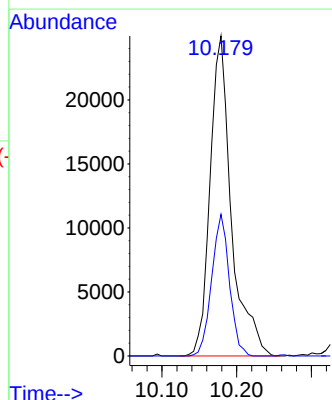
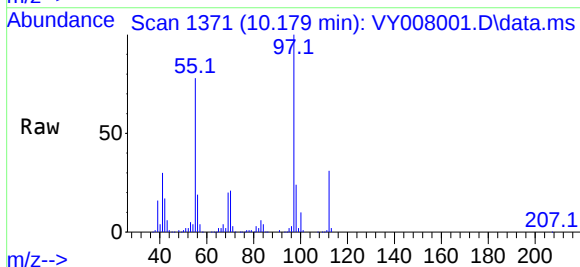
Acq: 22 Mar 2022 15:31

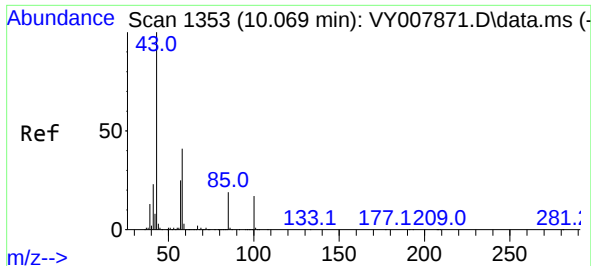
Tgt Ion: 98 Resp: 49512

Ion Ratio Lower Upper

98 100

100 36.8 50.2 75.2#

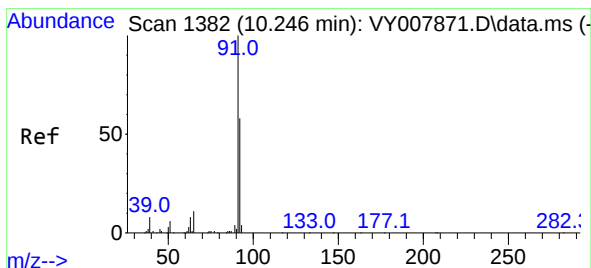
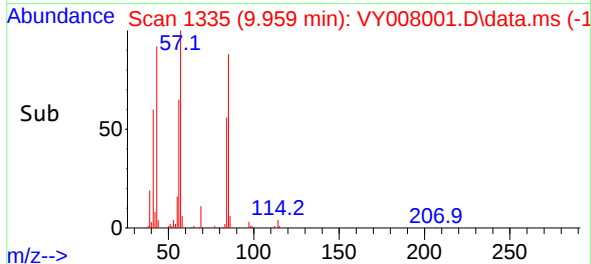
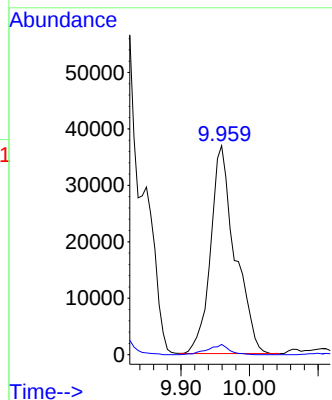
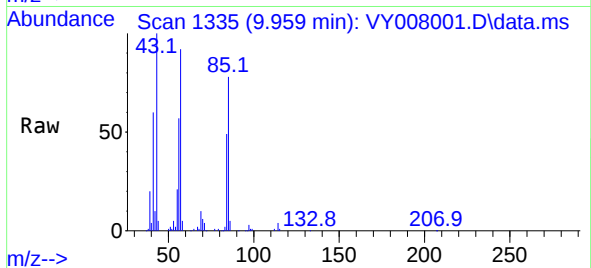




#51
4-Methyl-2-Pentanone
Concen: 587.508 ug/l
RT: 9.959 min Scan# 111
Delta R.T. -0.110 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

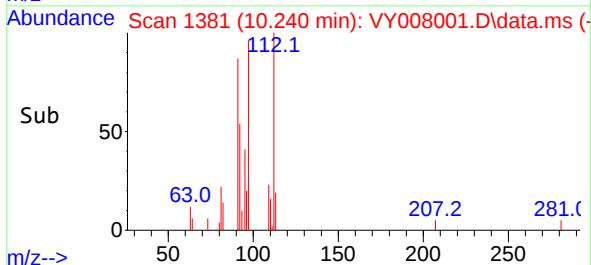
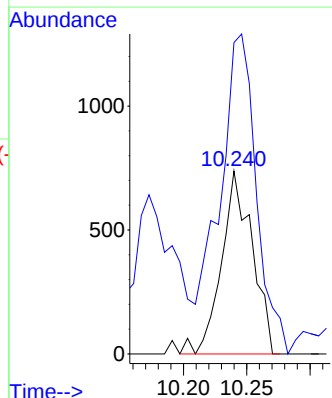
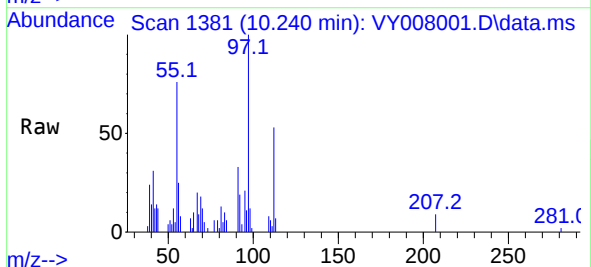
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

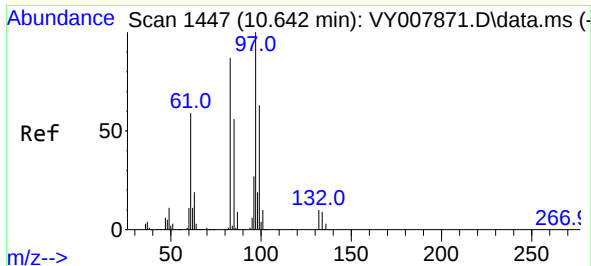
Tgt Ion: 43 Resp: 91562
Ion Ratio Lower Upper
43 100
58 4.3 28.1 42.1#



#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

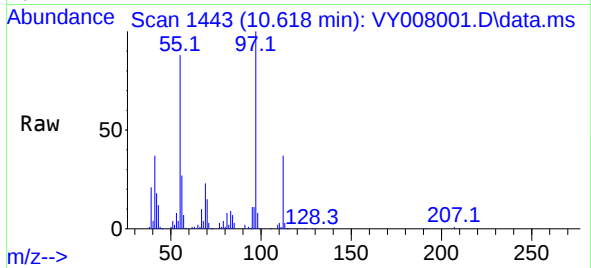
Tgt Ion: 92 Resp: 1245
Ion Ratio Lower Upper
92 100
91 208.3 142.6 213.8





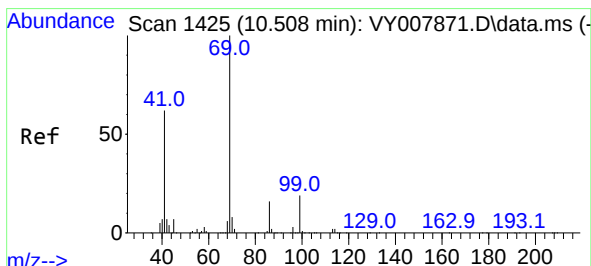
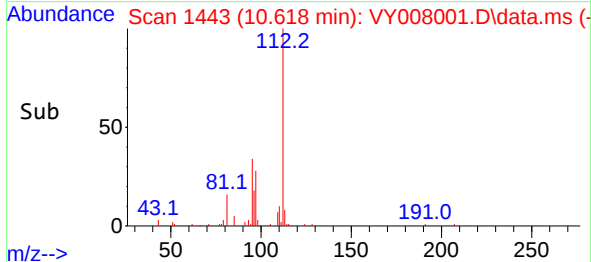
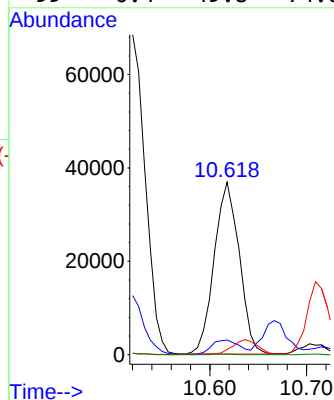
#55
1,1,2-Trichloroethane
Concen: 410.081 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

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



Tgt Ion: 97 Resp: 66315

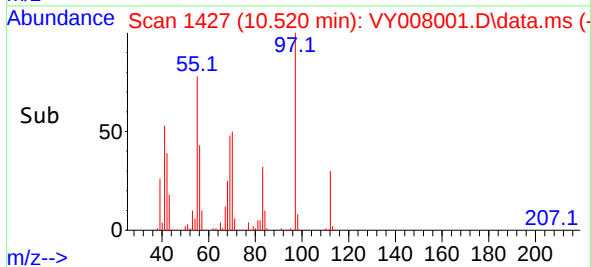
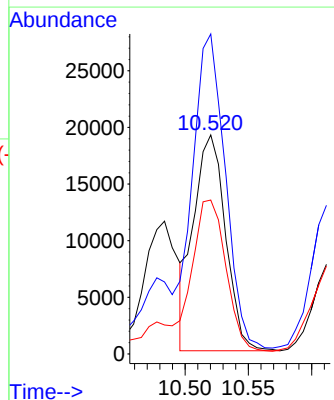
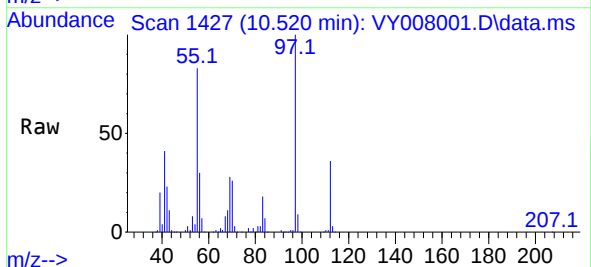
Ion	Ratio	Lower	Upper
97	100		
83	8.2	69.8	104.8#
85	3.1	44.3	66.5#
99	0.4	49.8	74.6#

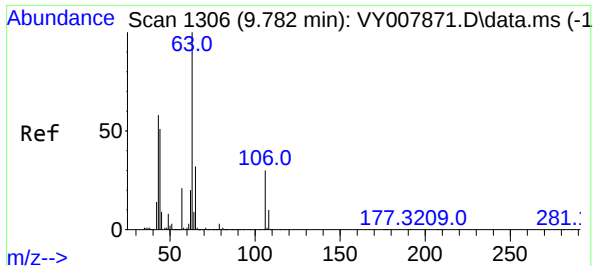


#56
Ethyl methacrylate
Concen: 144.197 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 69 Resp: 33476

Ion	Ratio	Lower	Upper
69	100		
41	149.5	63.4	95.0#
39	74.3	35.8	53.8#

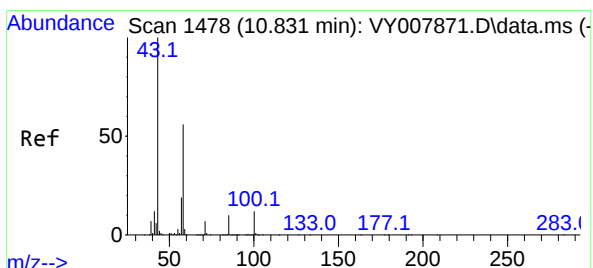
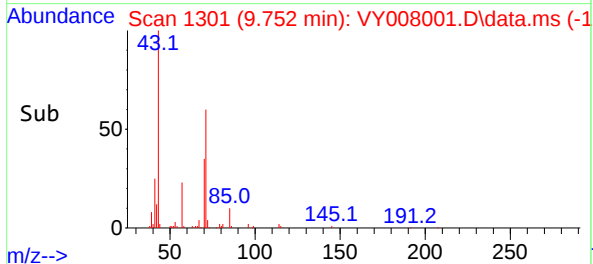
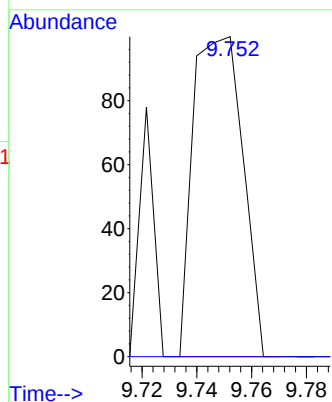
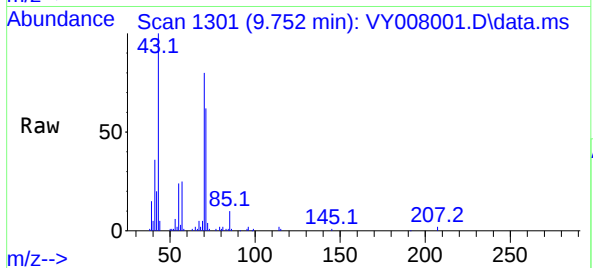




#58
2-Chloroethyl Vinyl ether
Concen: 1.106 ug/l
RT: 9.752 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

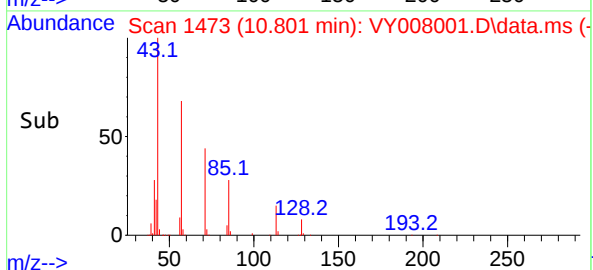
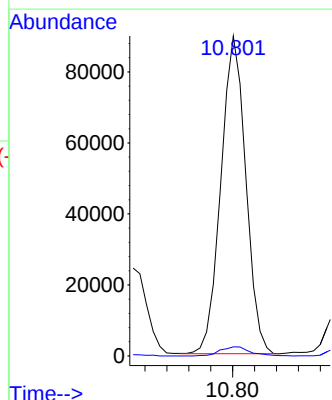
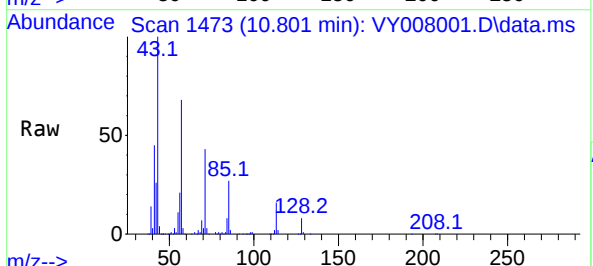
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

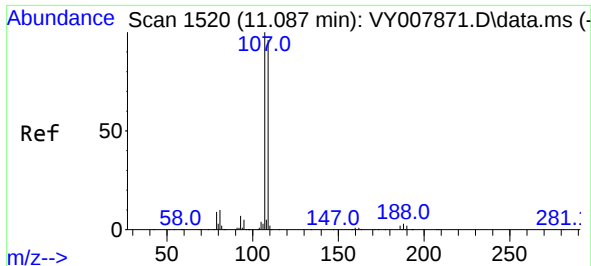
Tgt Ion: 63 Resp: 126
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 1267.231 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 43 Resp: 141231
Ion Ratio Lower Upper
43 100
58 3.5 24.4 73.4#

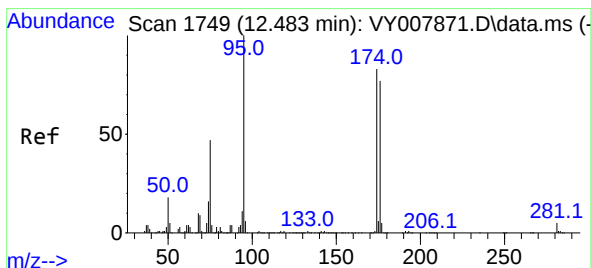
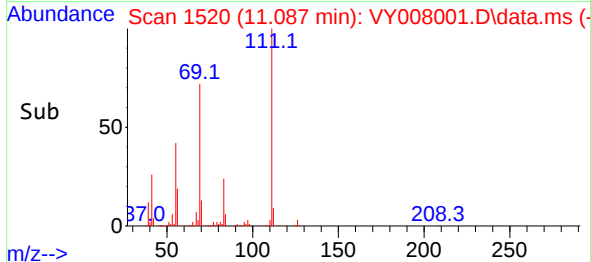
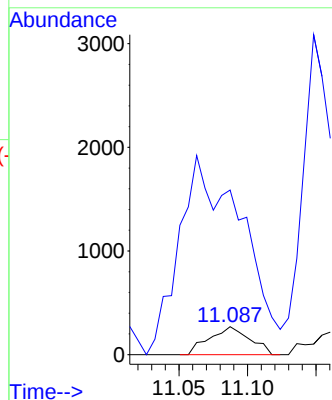
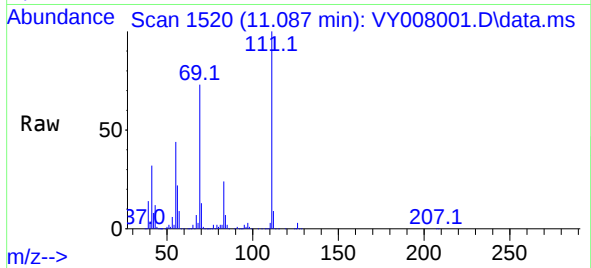




#61
1,2-Dibromoethane
Concen: 3.522 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

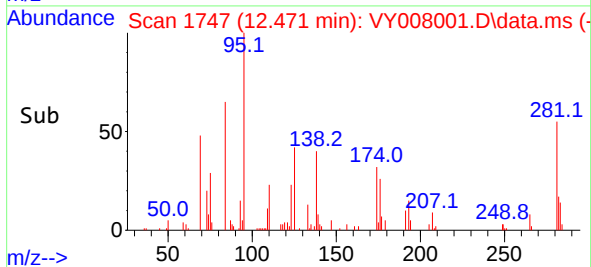
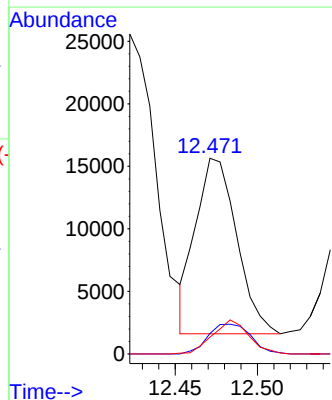
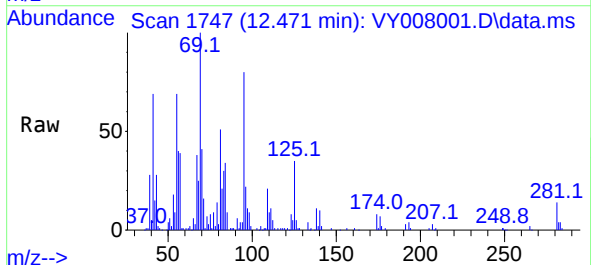
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

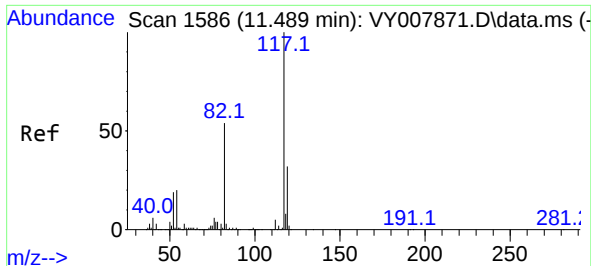
Tgt Ion:107 Resp: 551
Ion Ratio Lower Upper
107 100
109 0.0 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 100.336 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.012 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

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

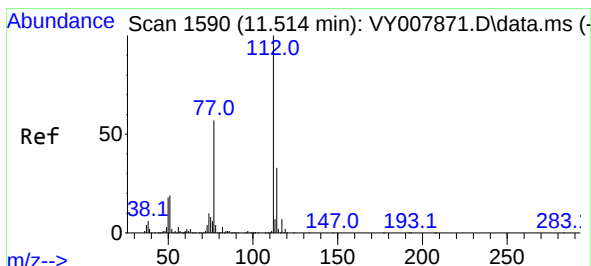
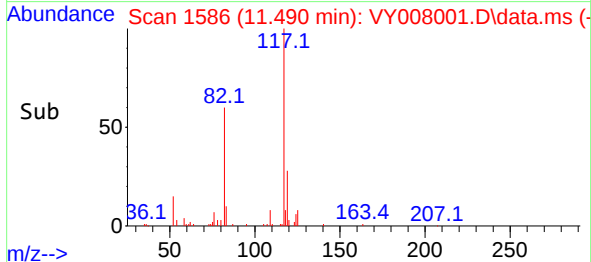
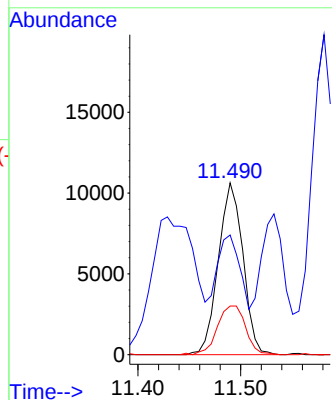
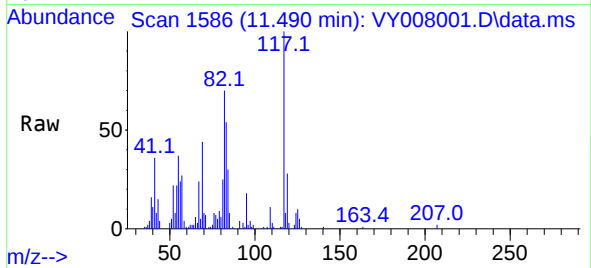




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

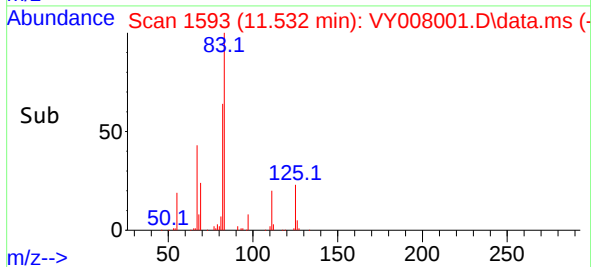
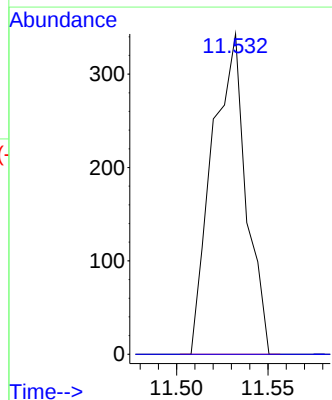
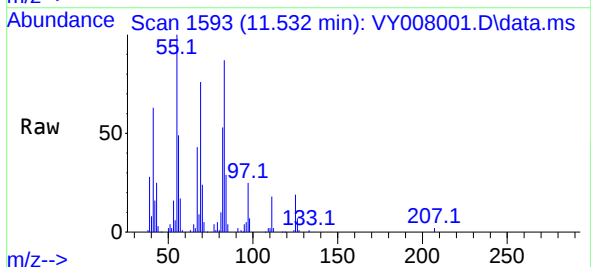
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

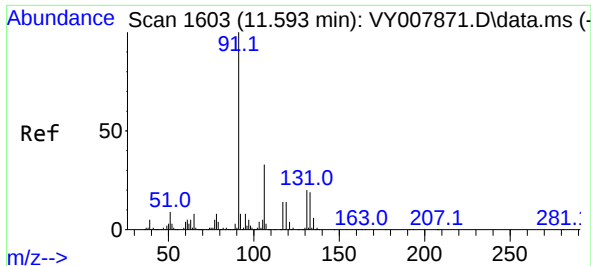
Tgt Ion:117 Resp: 17696
Ion Ratio Lower Upper
117 100
82 2.2 43.0 64.4#
119 28.3 25.4 38.0



#65
Chlorobenzene
Concen: 1.050 ug/l
RT: 11.532 min Scan# 1593
Delta R.T. 0.018 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion:112 Resp: 445
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#

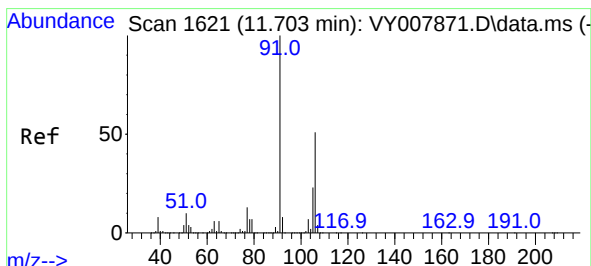
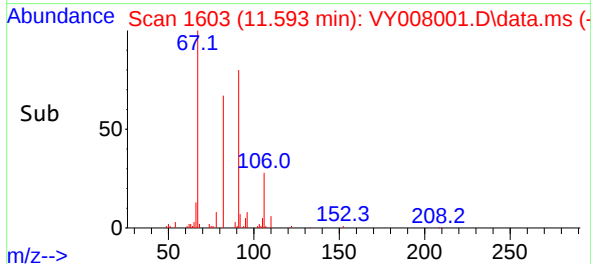
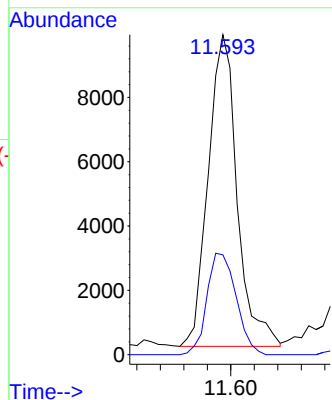
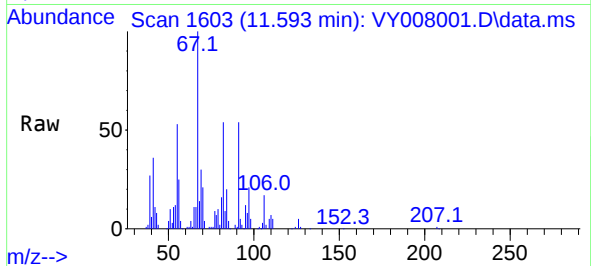




#67
Ethyl Benzene
Concen: 21.989 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

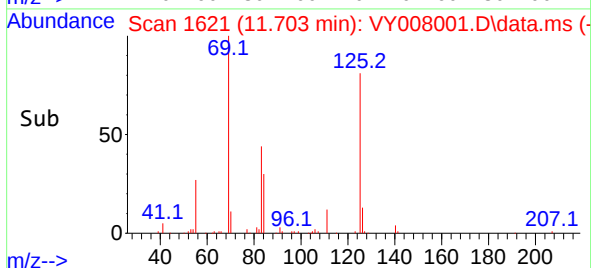
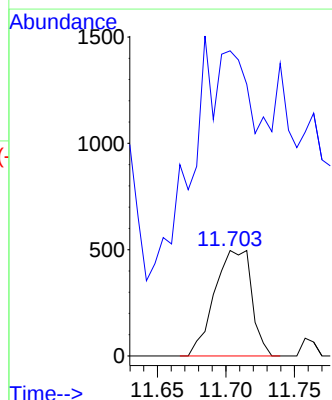
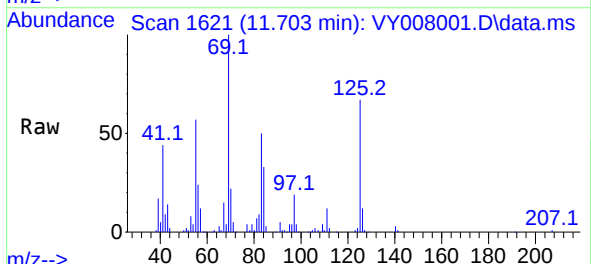
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

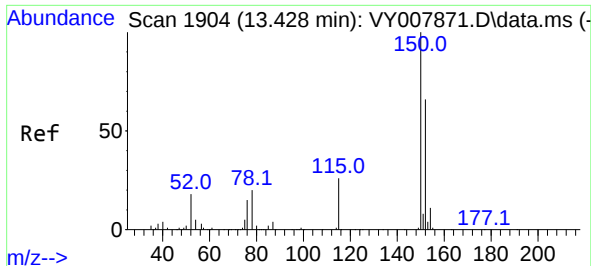
Tgt Ion: 91 Resp: 16604
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 3.178 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 106 Resp: 936
Ion Ratio Lower Upper
106 100
91 298.4 166.6 249.8#

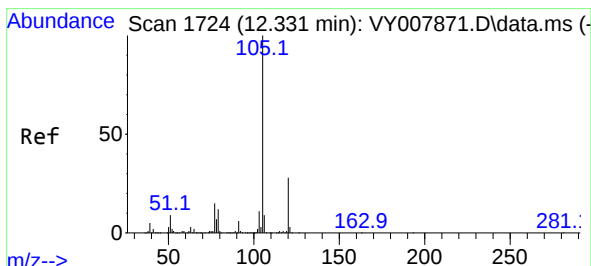
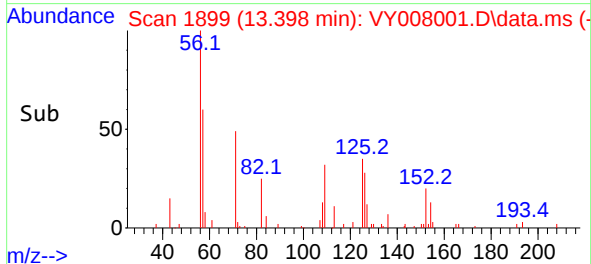
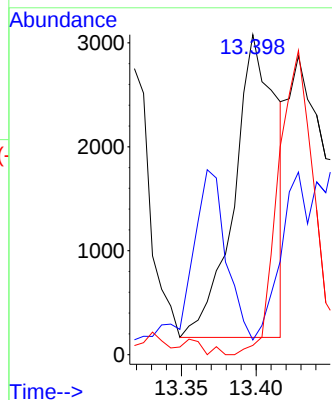
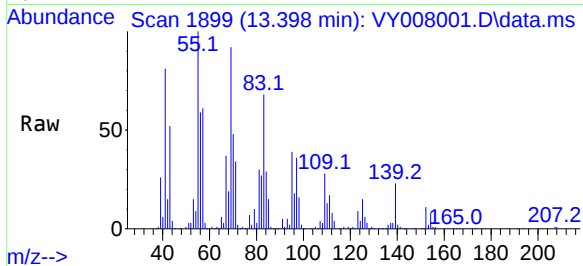




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.398 min Scan# 1899
Delta R.T. -0.030 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

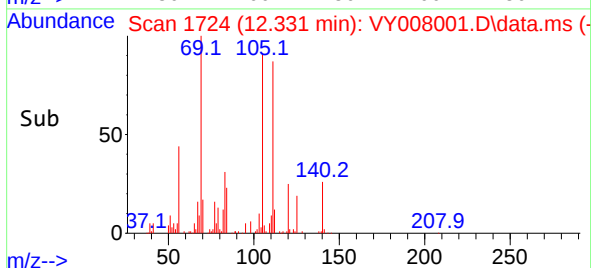
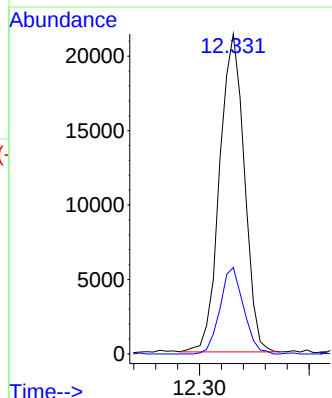
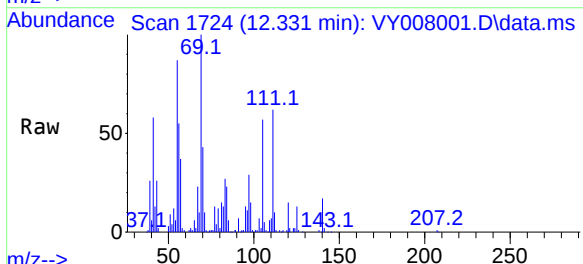
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

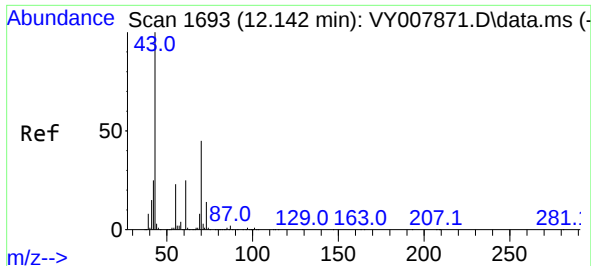
Tgt Ion:152 Resp: 5739
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



#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

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



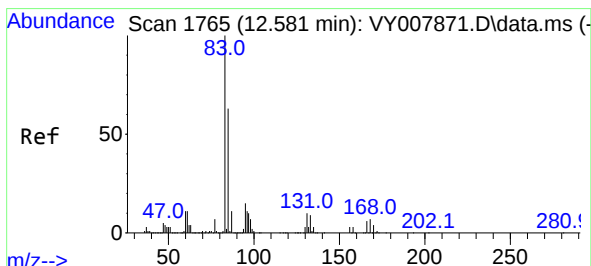
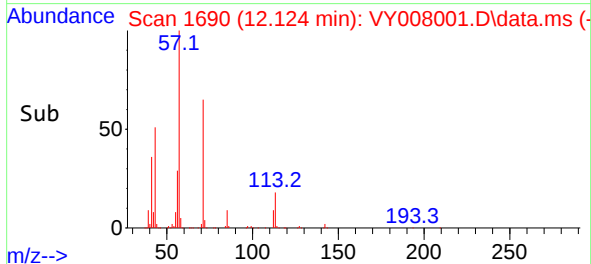
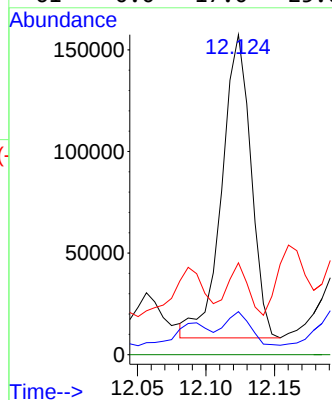
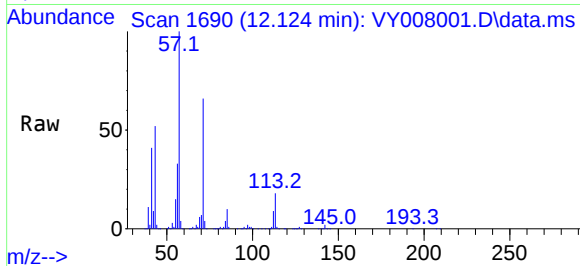


#74
N-amy1 acetate
Concen: 1478.387 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

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

Tgt Ion: 43 Resp: 220333

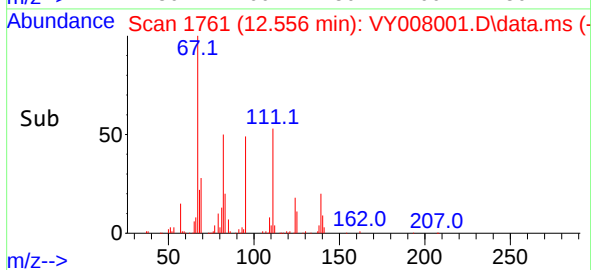
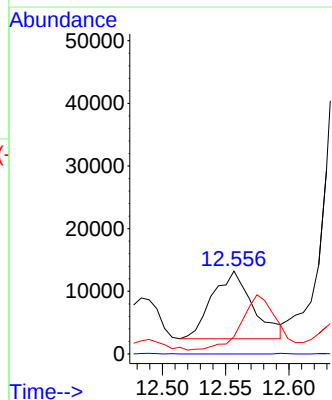
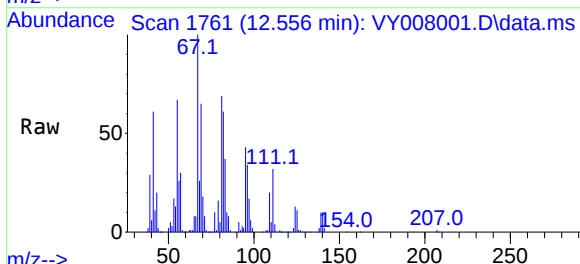
Ion	Ratio	Lower	Upper
43	100		
70	9.5	28.7	43.1#
55	14.6	17.3	25.9#
61	0.0	17.0	25.6#

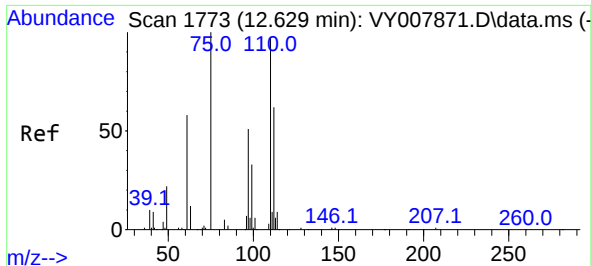


#75
1,1,2,2-Tetrachloroethane
Concen: 222.277 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.024 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 83 Resp: 24170

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	71.6	32.3	96.8

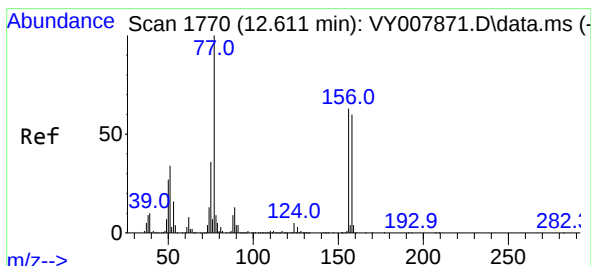
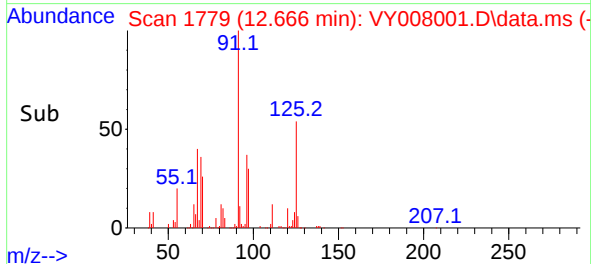
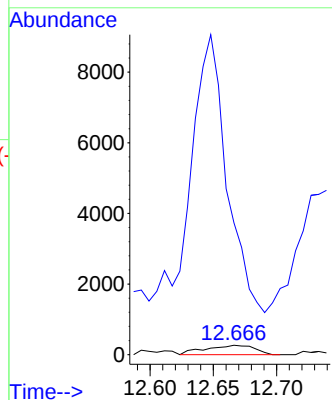
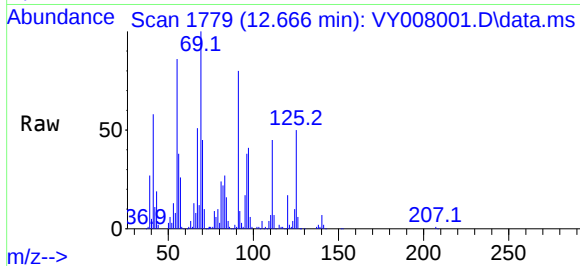




#76
1,2,3-Trichloropropane
Concen: 8.826 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.030 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

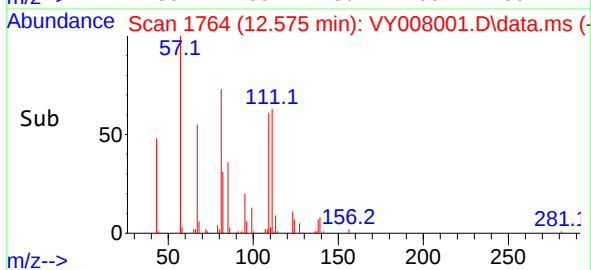
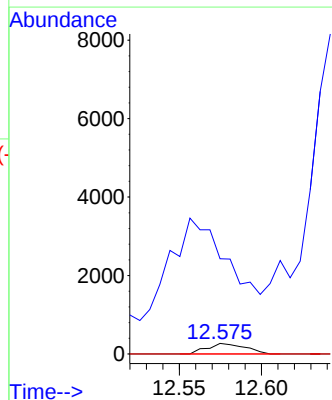
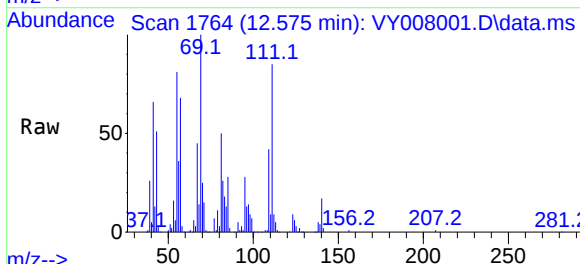
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

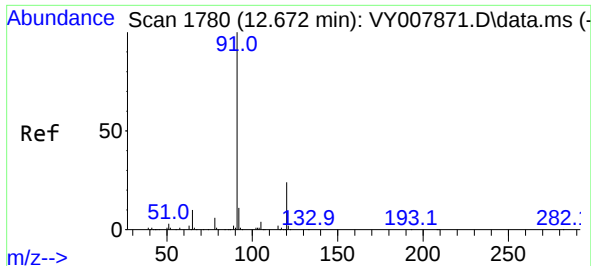
Tgt Ion: 75 Resp: 722
Ion Ratio Lower Upper
75 100
77 2146.7 0.0 0.0#



#77
Bromobenzene
Concen: 3.716 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.037 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 156 Resp: 429
Ion Ratio Lower Upper
156 100
77 1740.3 95.5 286.4#
158 0.0 48.0 144.0#

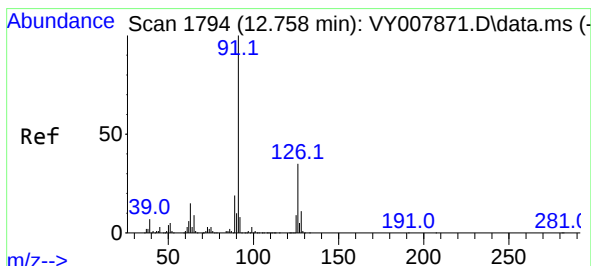
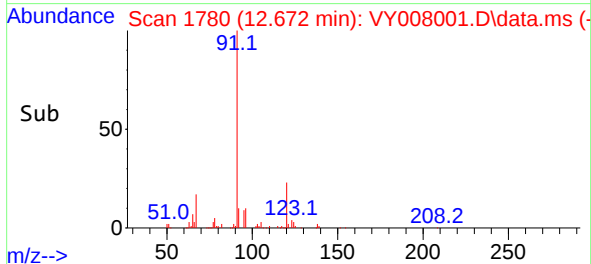
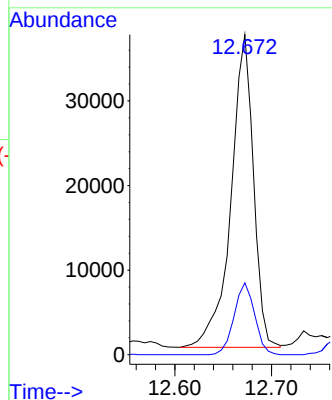
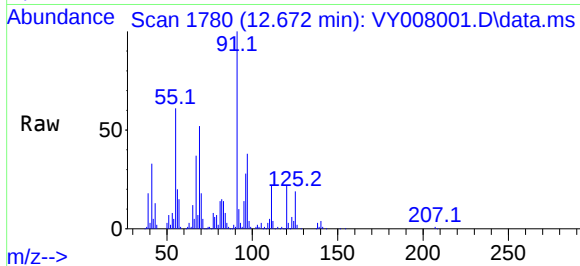




#78
n-propylbenzene
Concen: 97.881 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

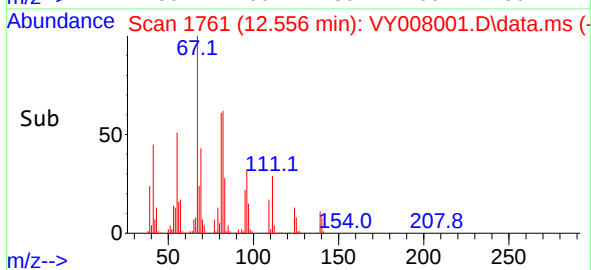
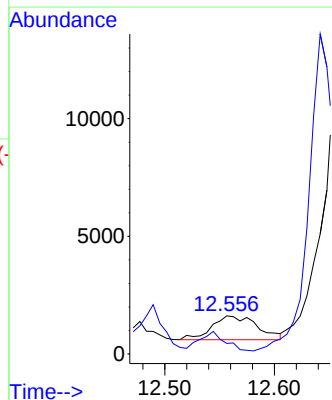
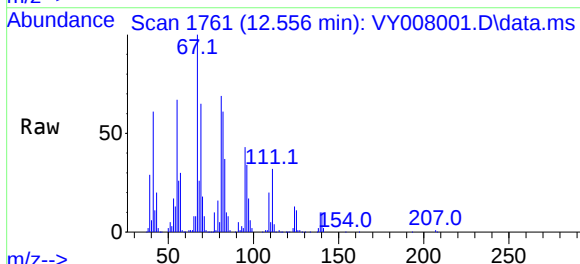
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

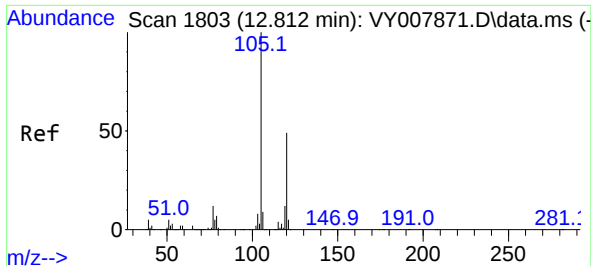
Tgt Ion: 91 Resp: 59707
Ion Ratio Lower Upper
91 100
120 20.9 11.3 33.9



#79
2-Chlorotoluene
Concen: 8.584 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.201 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 91 Resp: 2946
Ion Ratio Lower Upper
91 100
126 44.0 16.9 50.6

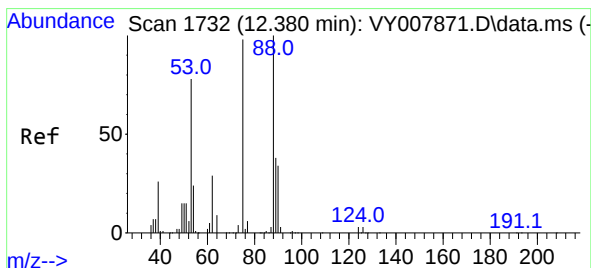
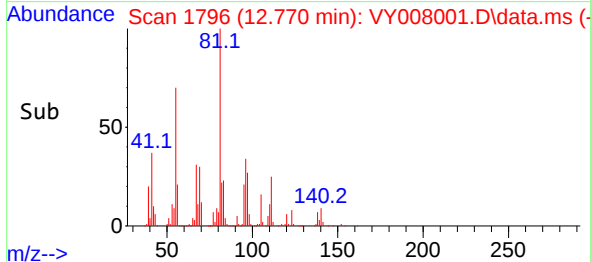
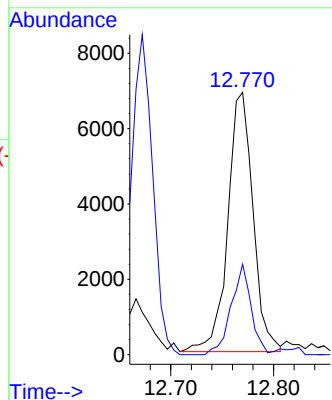
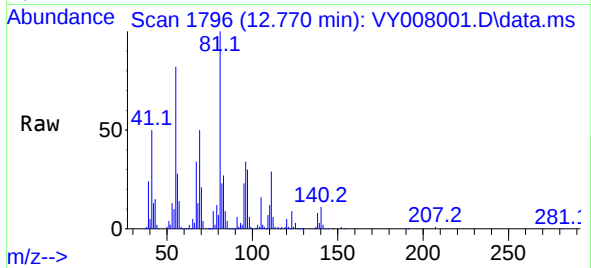




#80
1,3,5-Trimethylbenzene
Concen: 28.337 ug/l
RT: 12.770 min Scan# 11772
Delta R.T. -0.043 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

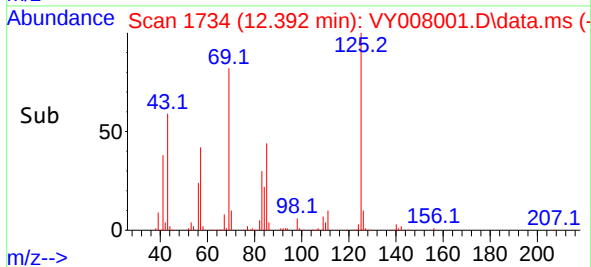
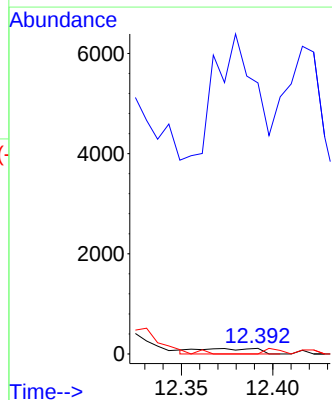
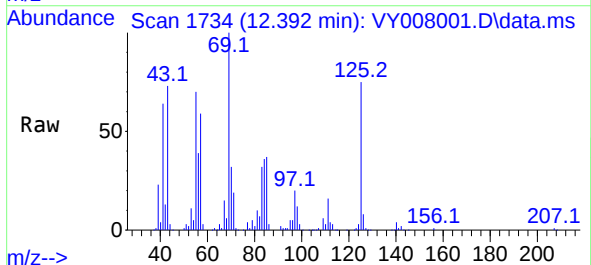
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

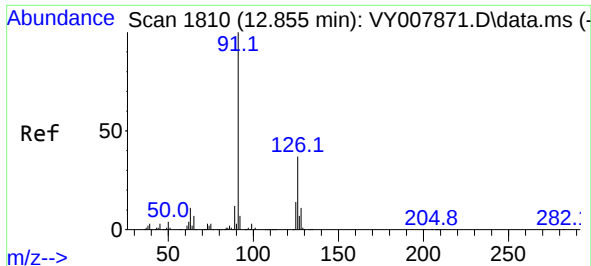
Tgt Ion:105 Resp: 11772
Ion Ratio Lower Upper
105 100
120 27.8 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 6.368 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.012 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 75 Resp: 248
Ion Ratio Lower Upper
75 100
53 1386.3 85.3 127.9#
89 27.0 37.0 55.4#

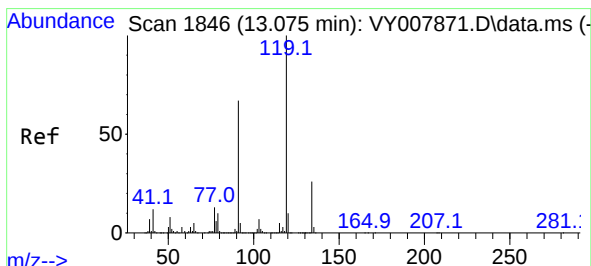
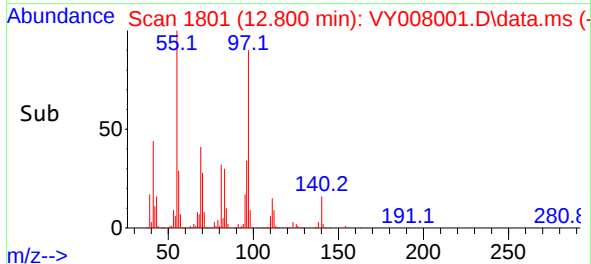
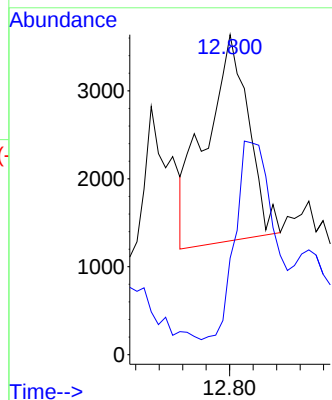
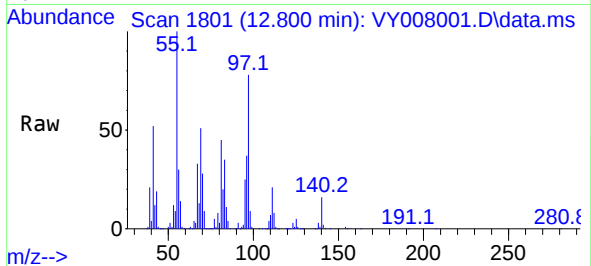




#82
4-Chlorotoluene
Concen: 16.535 ug/l
RT: 12.800 min Scan# 1810
Delta R.T. -0.055 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

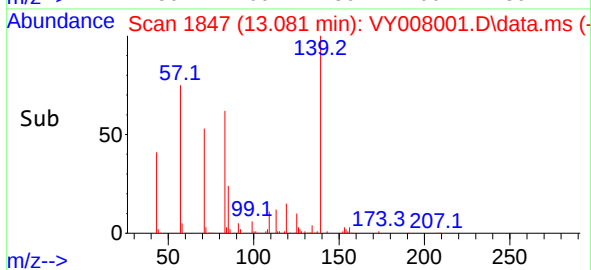
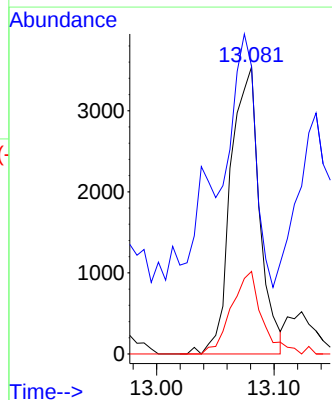
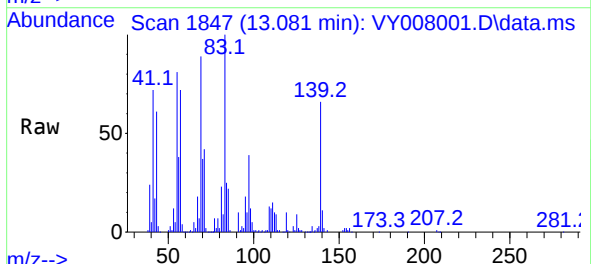
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

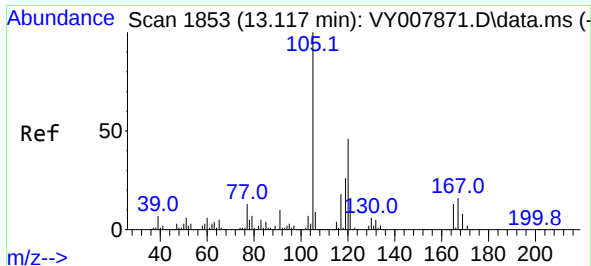
Tgt Ion: 91 Resp: 5895
Ion Ratio Lower Upper
91 100
126 87.3 17.0 51.0#



#83
tert-Butylbenzene
Concen: 16.256 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

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

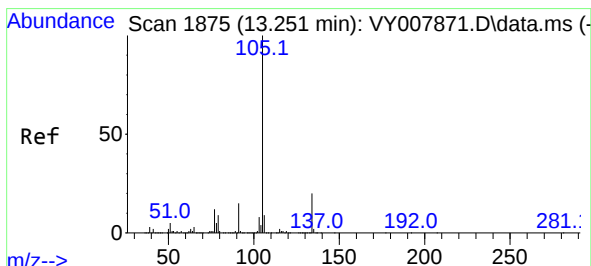
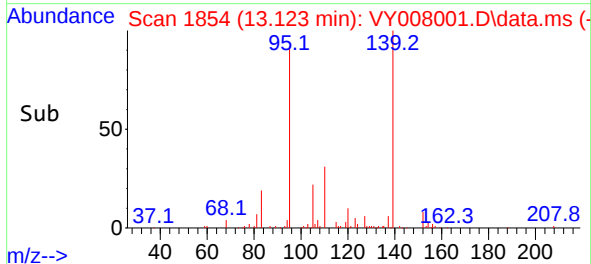
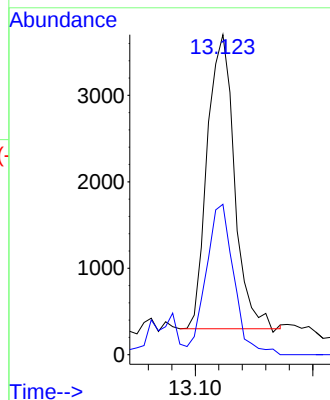
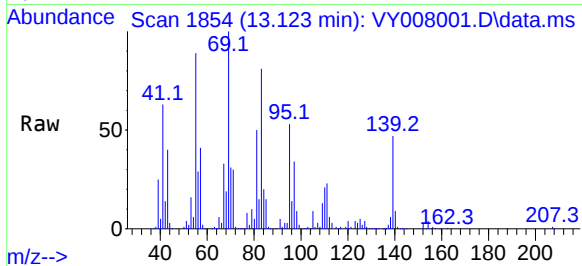




#84
1,2,4-Trimethylbenzene
Concen: 13.410 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

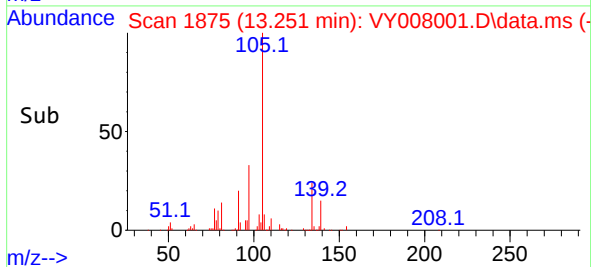
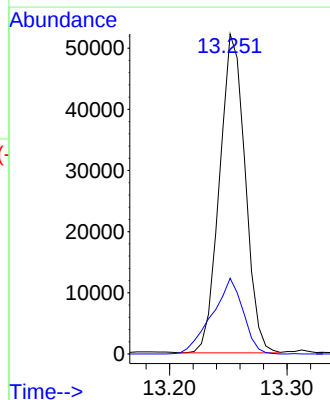
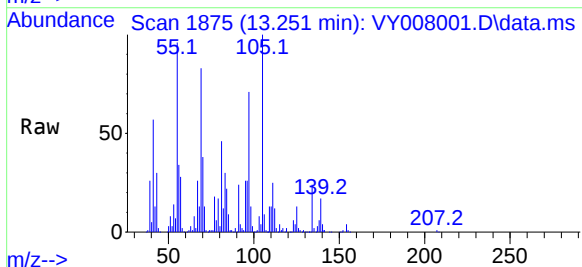
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

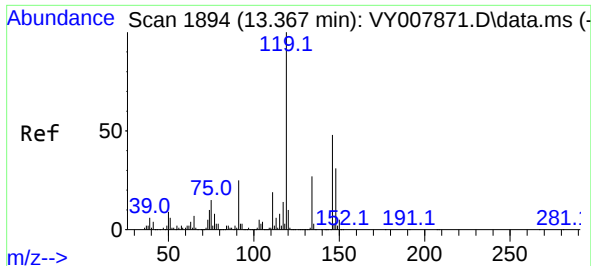
Tgt Ion:105 Resp: 5461
Ion Ratio Lower Upper
105 100
120 52.1 22.3 66.9



#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

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

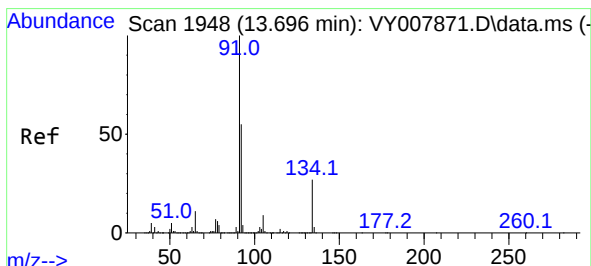
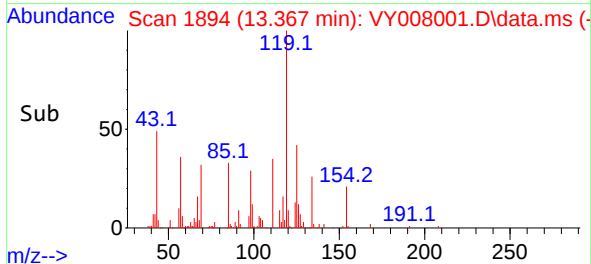
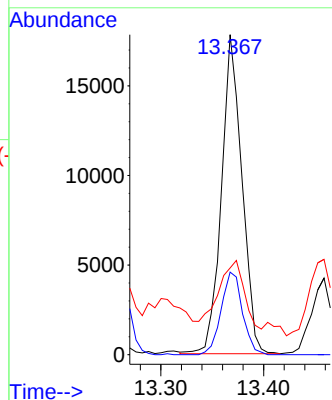
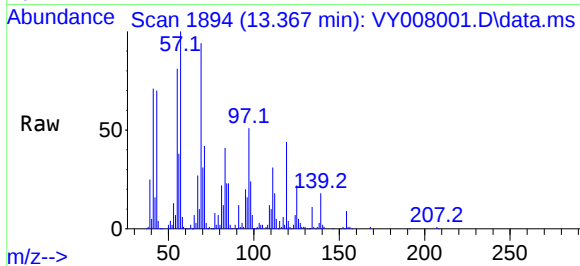




#86
p-Isopropyltoluene
Concen: 54.401 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

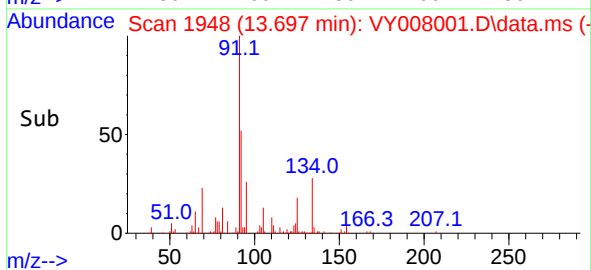
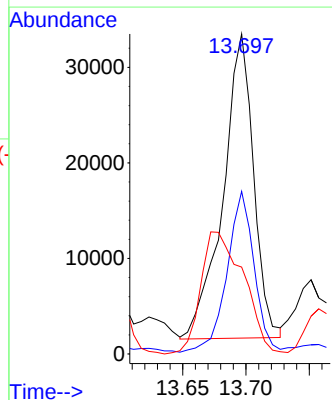
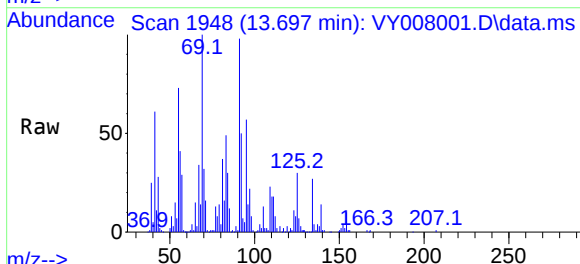
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

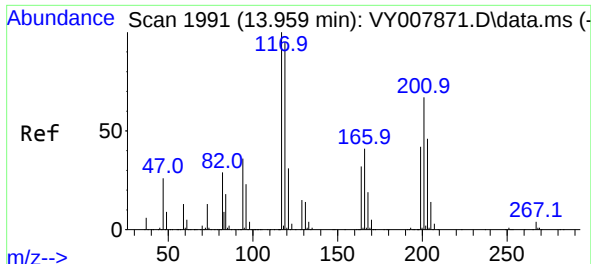
Tgt Ion:119 Resp: 24605
Ion Ratio Lower Upper
119 100
134 26.9 13.2 39.5
91 26.5 12.4 37.2



#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

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#

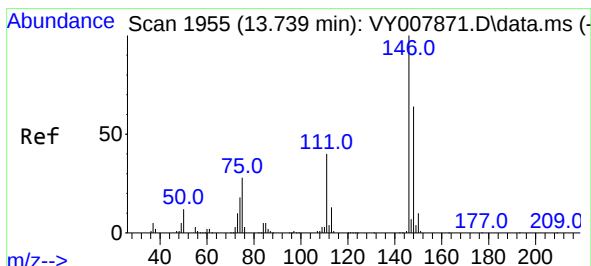
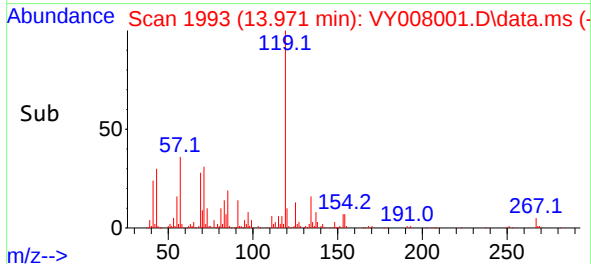
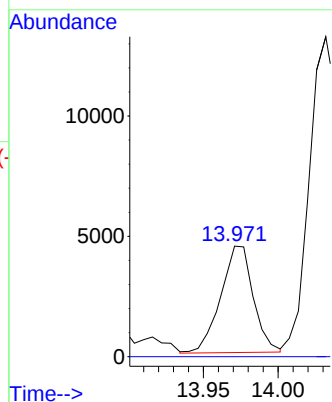
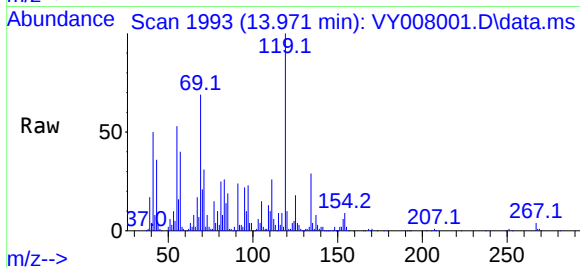




#90
Hexachloroethane
Concen: 74.449 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

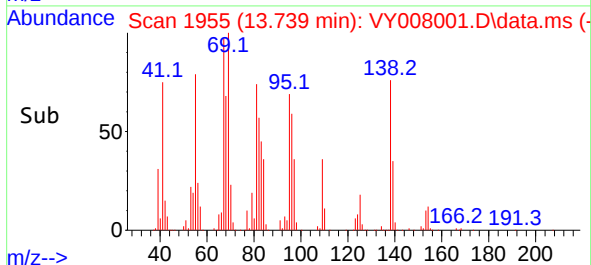
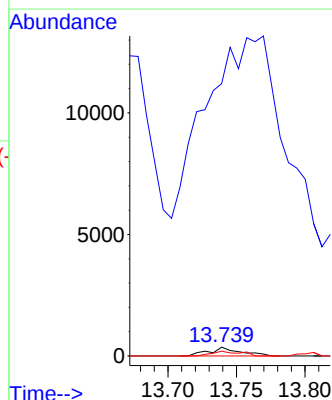
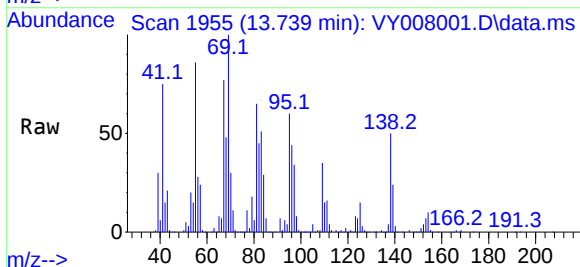
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

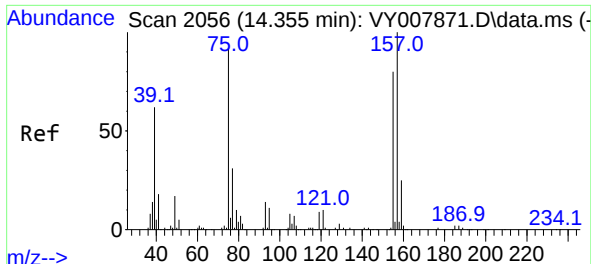
Tgt Ion:117 Resp: 6721
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#91
1,2-Dichlorobenzene
Concen: 2.796 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion:146 Resp: 567
Ion Ratio Lower Upper
146 100
111 0.0 20.3 60.9#
148 50.8 32.3 96.9

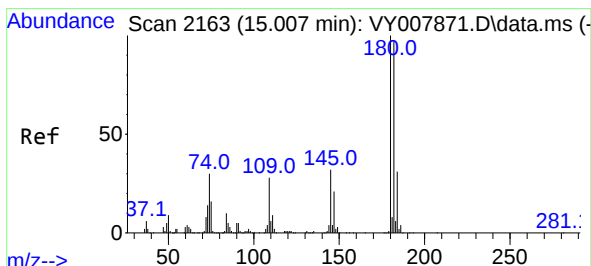
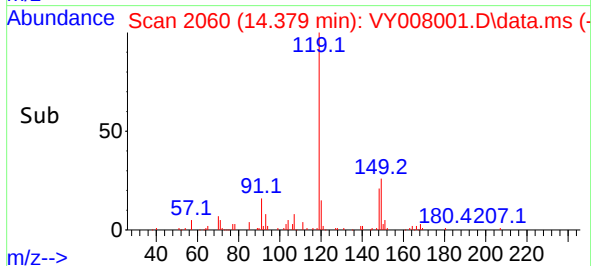
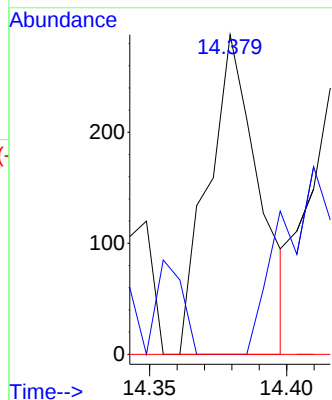
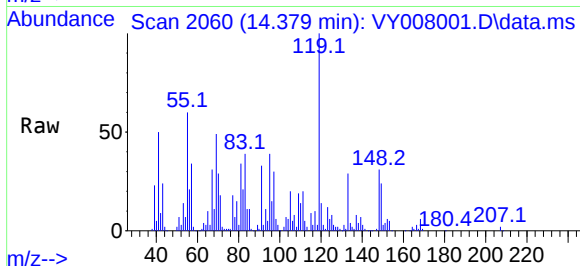




#92
1,2-Dibromo-3-Chloropropane
Concen: 19.832 ug/l
RT: 14.379 min Scan# 2056
Delta R.T. 0.024 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

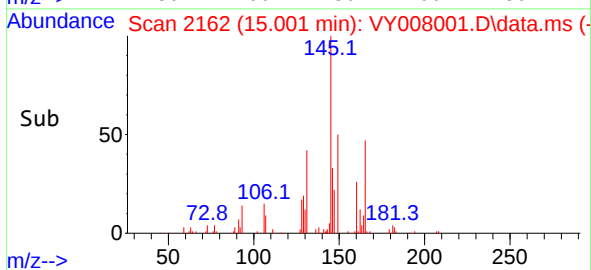
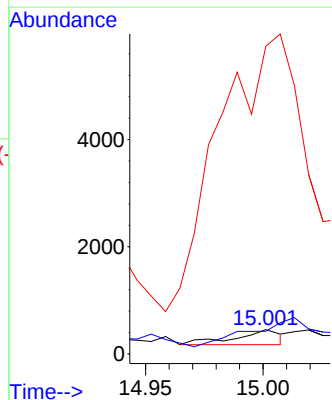
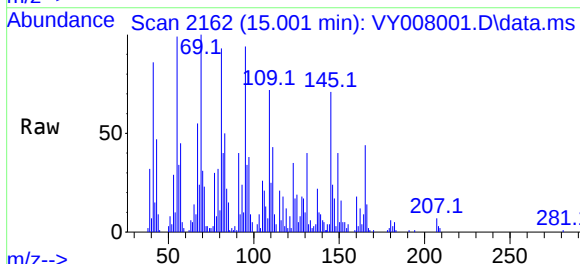
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALLRE

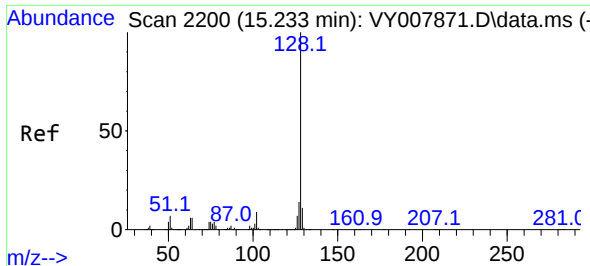
Tgt Ion: 75 Resp: 371
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.972 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion: 180 Resp: 381
Ion Ratio Lower Upper
180 100
182 332.0 47.3 141.9#
145 4171.4 14.6 43.8#

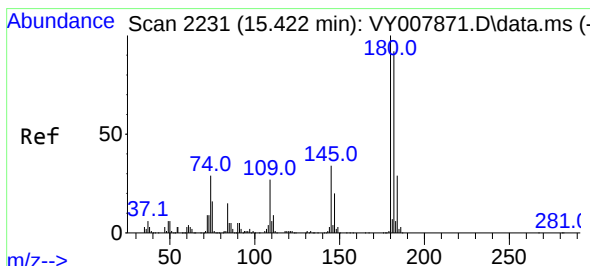
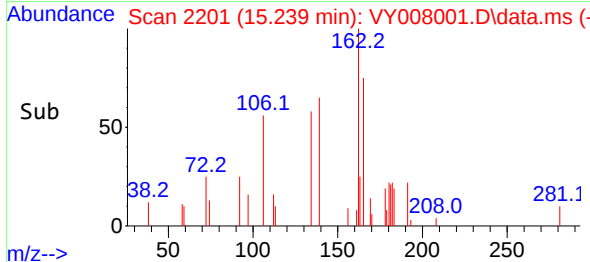
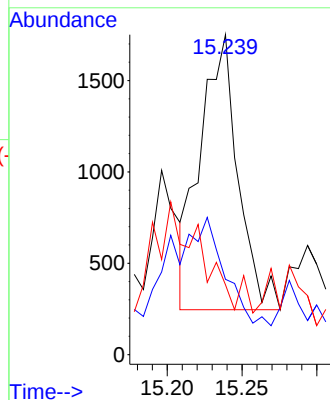
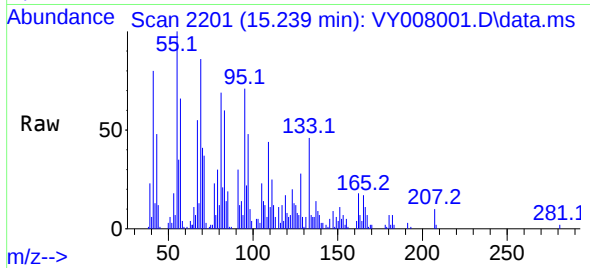




#95
Naphthalene
Concen: 9.262 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

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

Tgt Ion:128 Resp: 2649
Ion Ratio Lower Upper
128 100
127 68.8 11.0 16.4#
129 0.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 8.853 ug/l
RT: 15.452 min Scan# 2236
Delta R.T. 0.024 min
Lab File: VY008001.D
Acq: 22 Mar 2022 15:31

Tgt Ion:180 Resp: 1001
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 0.0 15.3 45.9#

