

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008070.D
 Acq On : 28 Mar 2022 17:27
 Operator : SY/MD
 Sample : N2057-02
 Misc : 6.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-7-EAST-SIDEWALL

Quant Time: Mar 28 18:58:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

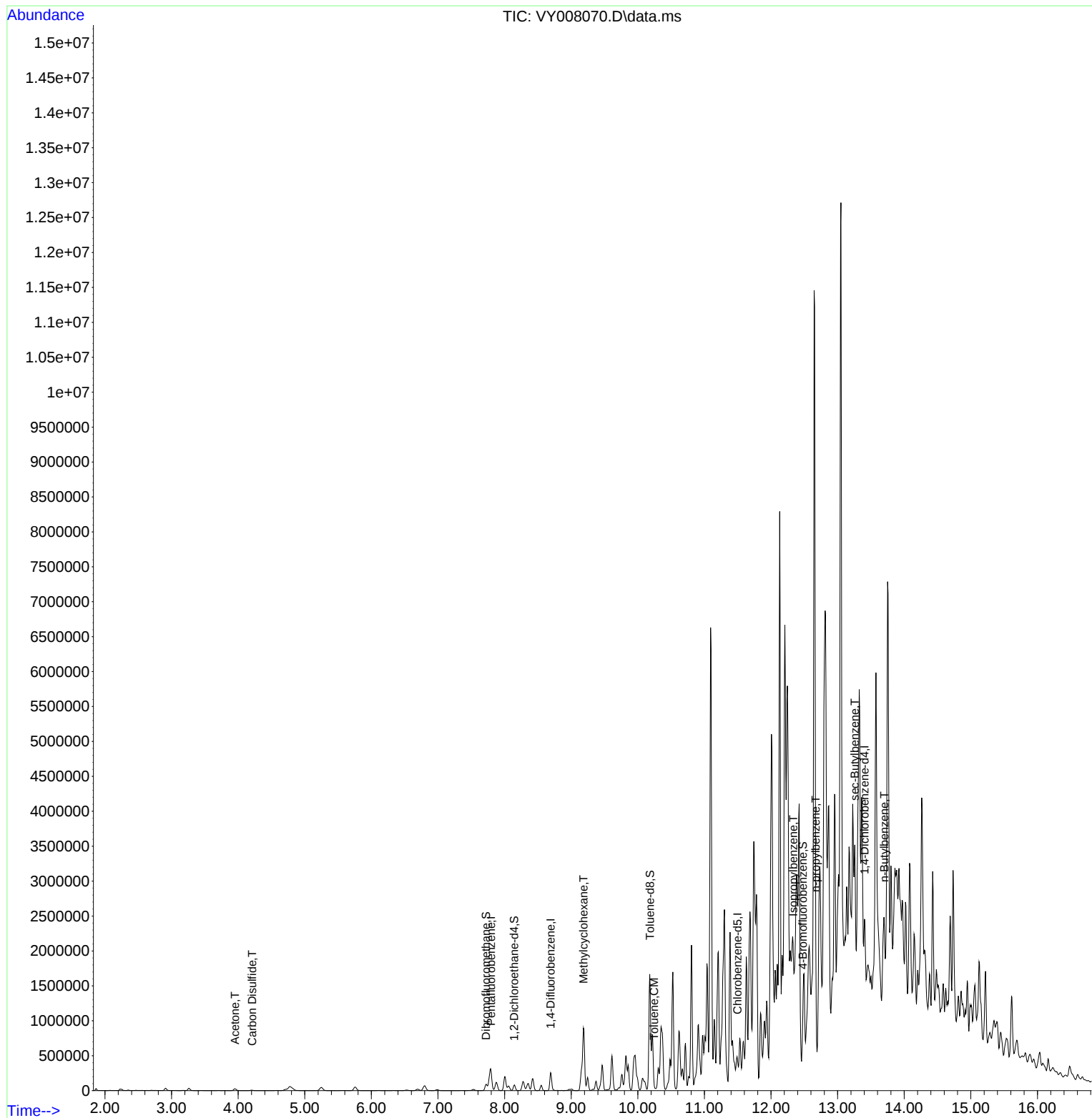
Internal Standards						
1) Pentafluorobenzene	7.795	168	119288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	118536	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	62683	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62625	52.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.660%	
35) Dibromofluoromethane	7.722	113	64387	49.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.760%	
50) Toluene-d8	10.185	98	299666	60.998	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.000%	
62) 4-Bromofluorobenzene	12.477	95	128270	74.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 148.020%#	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	42369	154.881	ug/l #	83
17) Carbon Disulfide	4.210	76	12836	3.579	ug/l #	94
39) Methylcyclohexane	9.185	83	418734	151.454	ug/l	87
52) Toluene	10.246	92	6793	1.768	ug/l	96
73) Isopropylbenzene	12.337	105	93520	18.075	ug/l	97
78) n-propylbenzene	12.672	91	122424	20.060	ug/l	85
85) sec-Butylbenzene	13.257	105	394992	70.865	ug/l #	76
89) n-Butylbenzene	13.702	91	252312	59.117	ug/l #	78

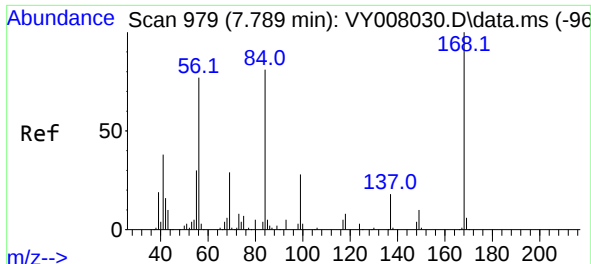
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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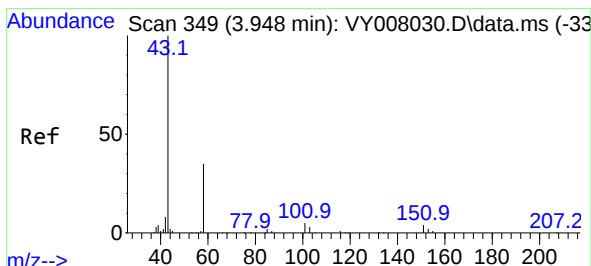
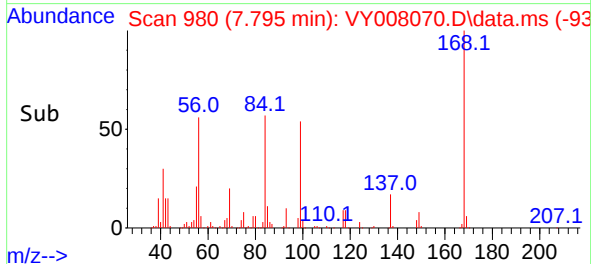
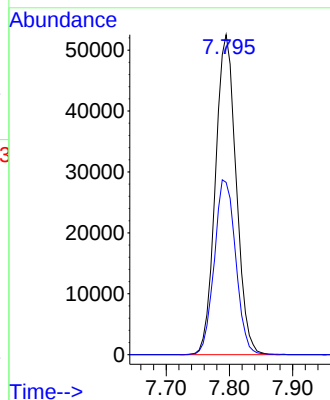
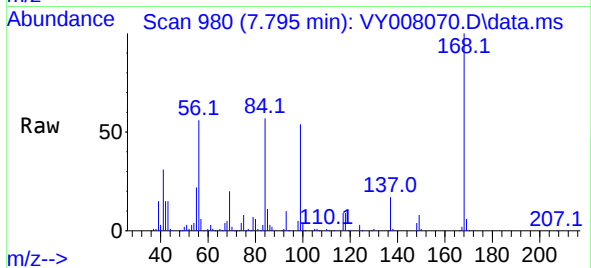




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

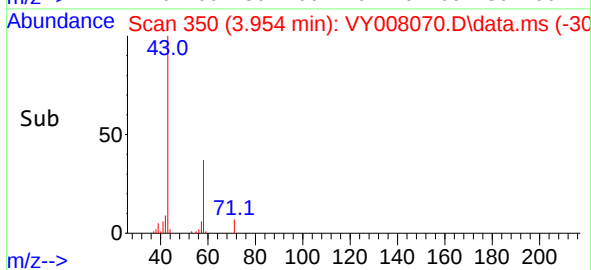
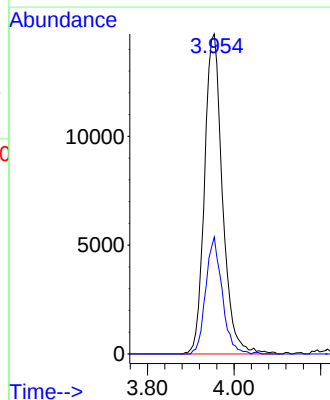
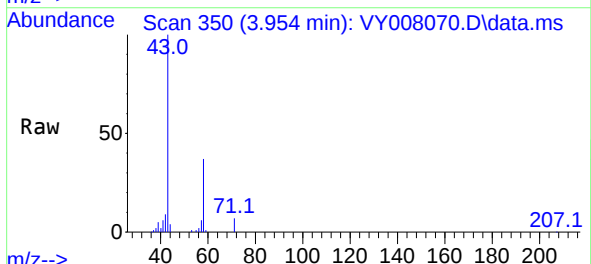
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-EAST-SIDEWALL

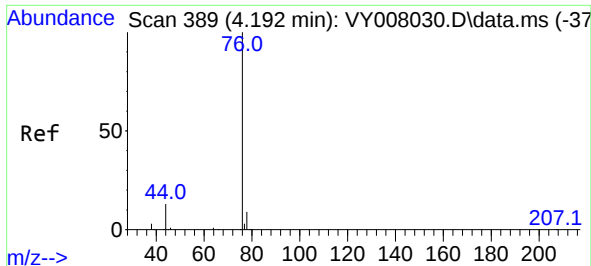
Tgt Ion:168 Resp: 119288
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#16
Acetone
Concen: 154.881 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

Tgt Ion: 43 Resp: 42369
Ion Ratio Lower Upper
43 100
58 36.6 22.0 33.0#

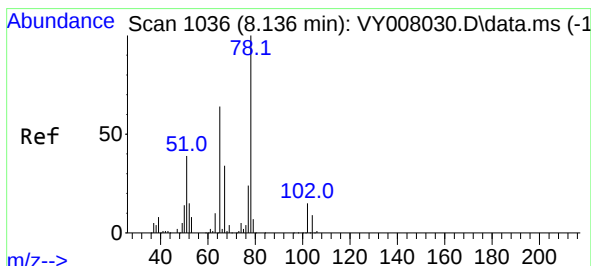
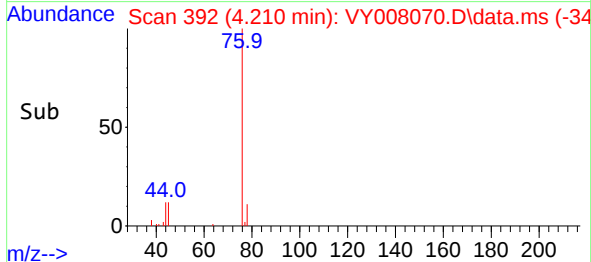
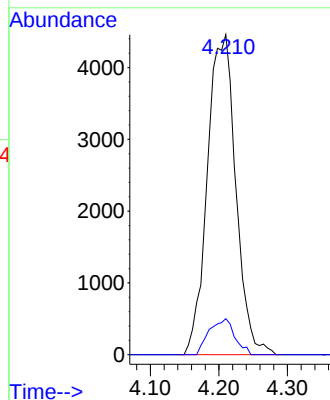
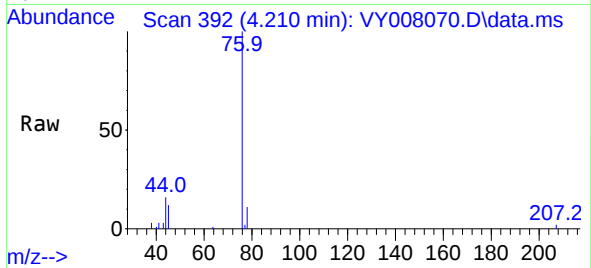




#17
Carbon Disulfide
Concen: 3.579 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

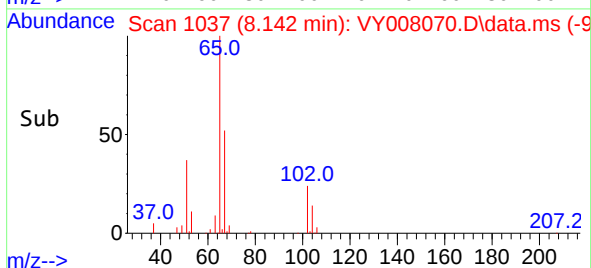
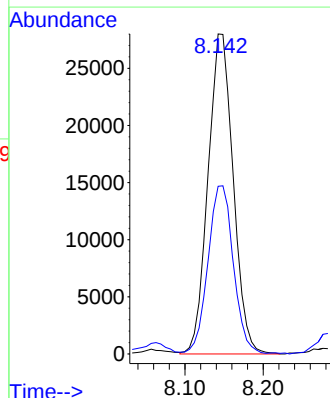
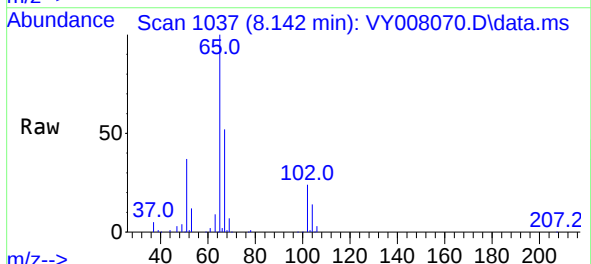
Instrument :
MSVOA_Y
ClientSampleId :
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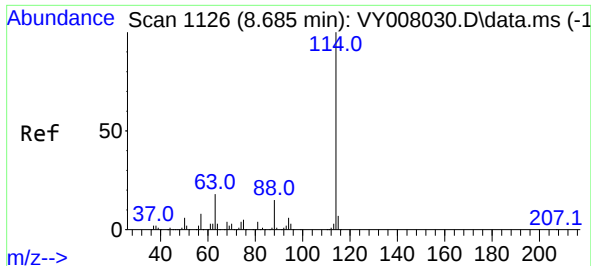
Tgt Ion: 76 Resp: 12836
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 52.326 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

Tgt Ion: 65 Resp: 62625
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008070.D

Acq: 28 Mar 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-EAST-SIDEWALL

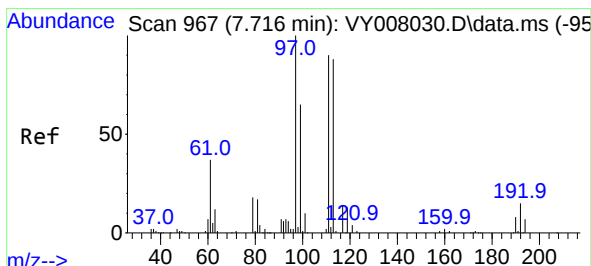
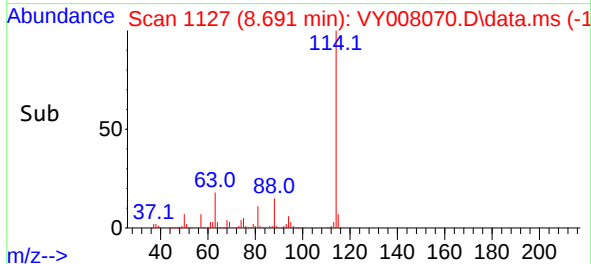
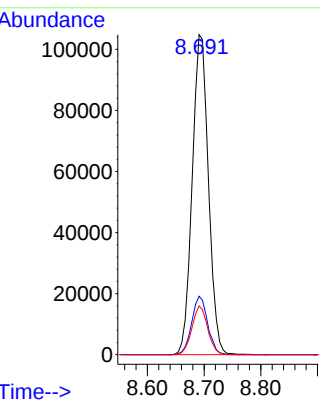
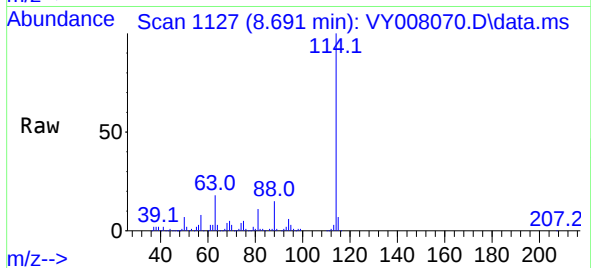
Tgt Ion:114 Resp: 207979

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.378 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008070.D

Acq: 28 Mar 2022 17:27

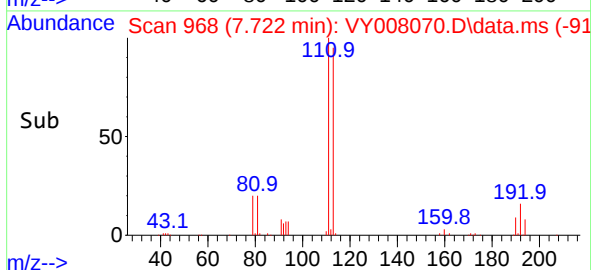
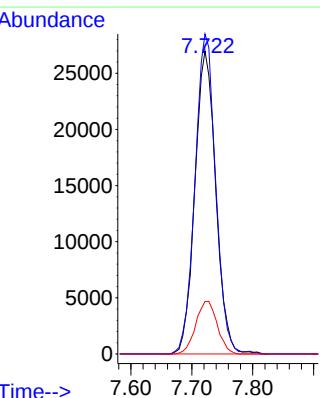
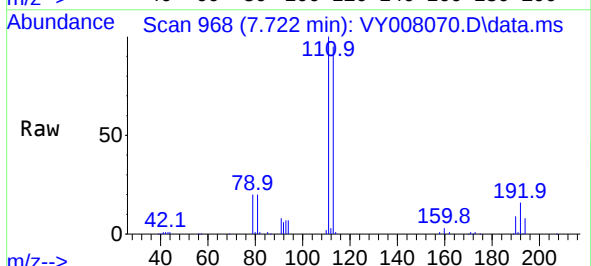
Tgt Ion:113 Resp: 64387

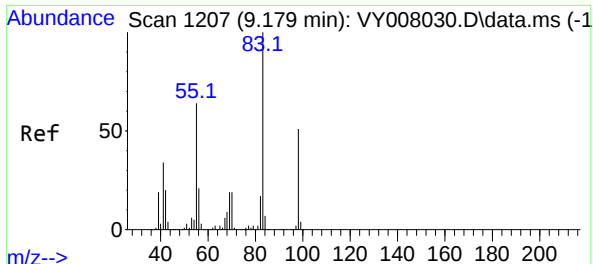
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 17.9 17.6 26.4





#39

Methylcyclohexane

Concen: 151.454 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008070.D

Acq: 28 Mar 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

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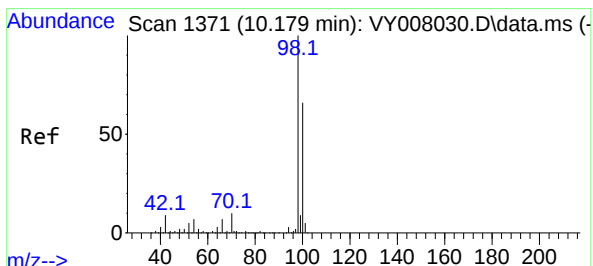
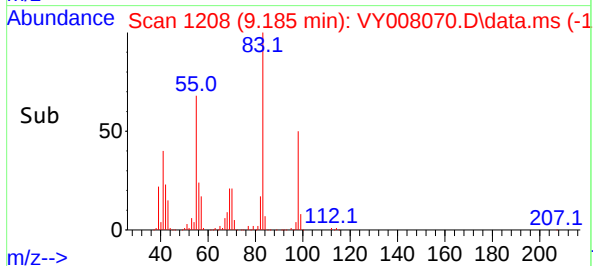
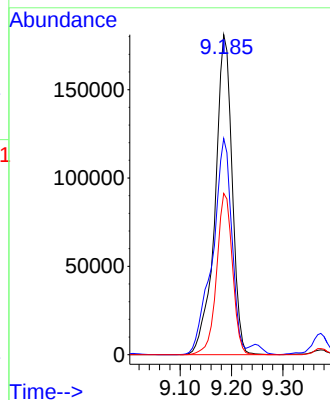
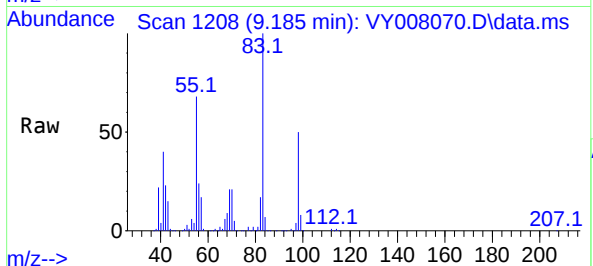
Tgt Ion: 83 Resp: 418734

Ion Ratio Lower Upper

83 100

55 67.5 66.5 99.7

98 50.4 37.9 56.9



#50

Toluene-d8

Concen: 60.998 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY008070.D

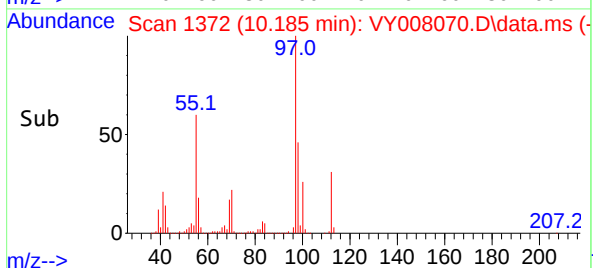
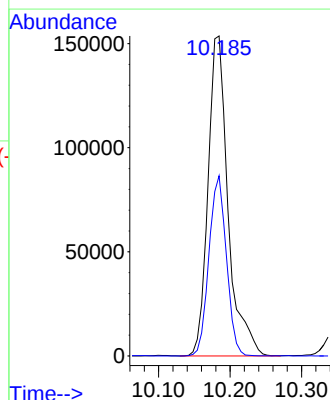
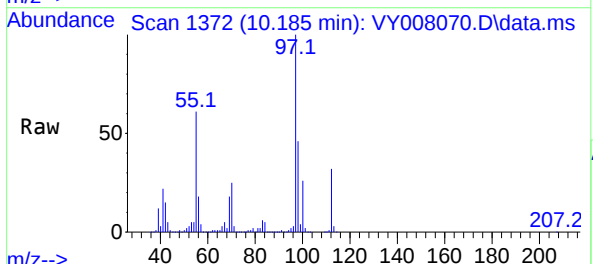
Acq: 28 Mar 2022 17:27

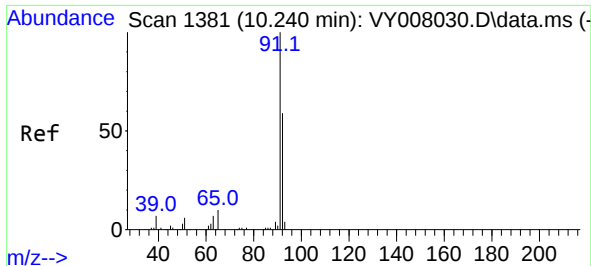
Tgt Ion: 98 Resp: 299666

Ion Ratio Lower Upper

98 100

100 48.9 50.2 75.2#

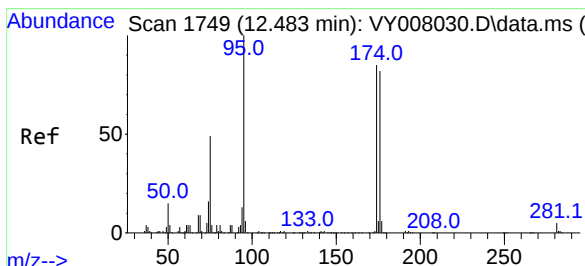
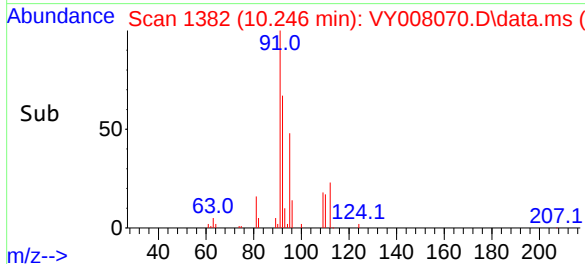
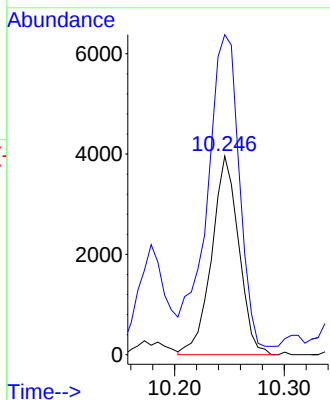
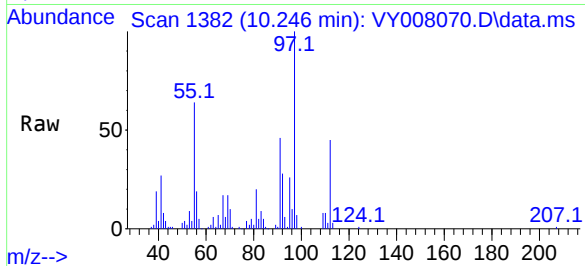




#52
Toluene
Concen: 1.768 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

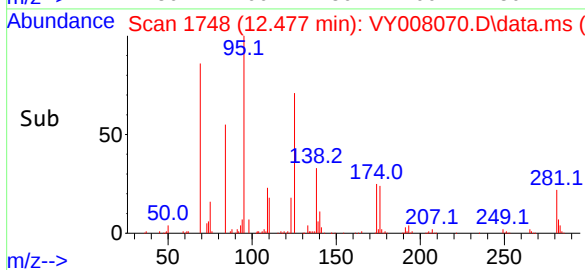
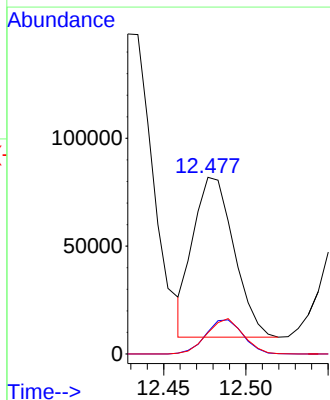
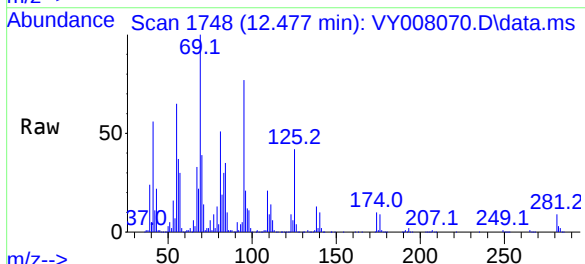
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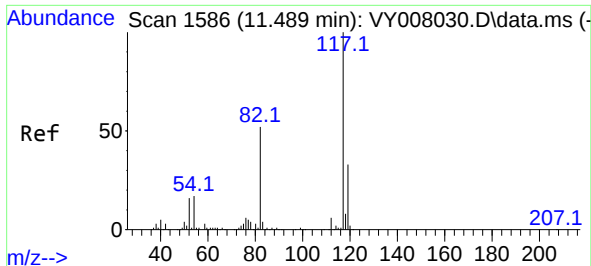
Tgt Ion: 92 Resp: 6793
Ion Ratio Lower Upper
92 100
91 183.8 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 74.007 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

Tgt Ion: 95 Resp: 128270
Ion Ratio Lower Upper
95 100
174 19.6 0.0 177.0
176 19.6 0.0 175.8

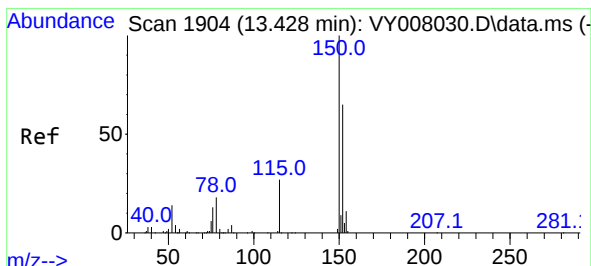
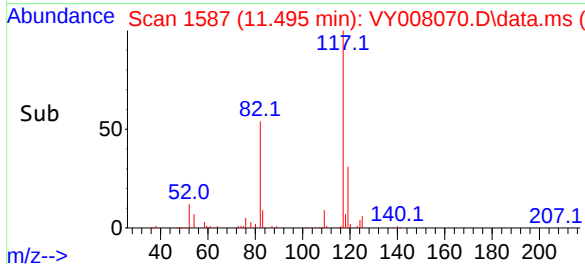
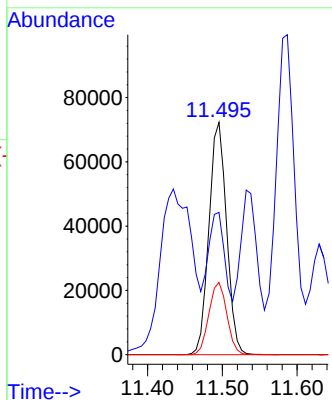
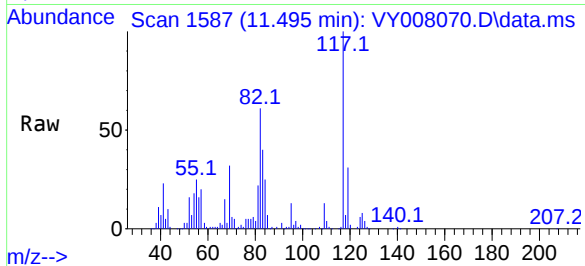




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 118536
Delta R.T. 0.006 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

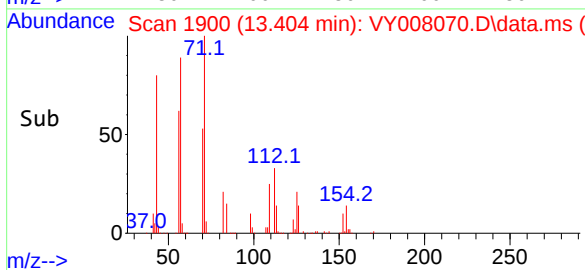
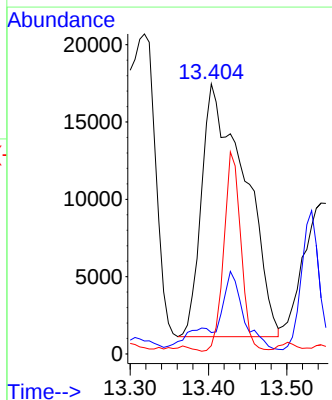
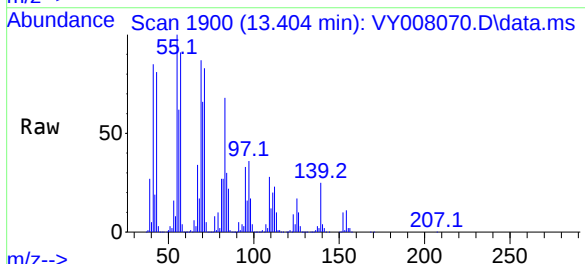
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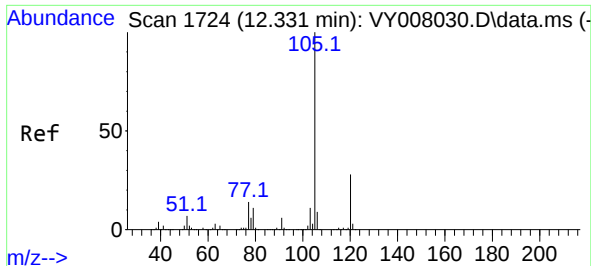
Tgt Ion:117 Resp: 118536
Ion Ratio Lower Upper
117 100
82 0.0 43.0 64.4#
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.024 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

Tgt Ion:152 Resp: 62683
Ion Ratio Lower Upper
152 100
115 4.5 28.2 84.7#
150 0.0 0.0 347.6

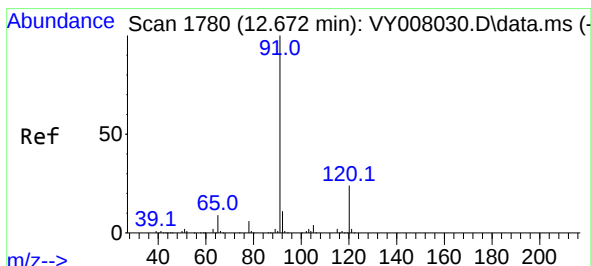
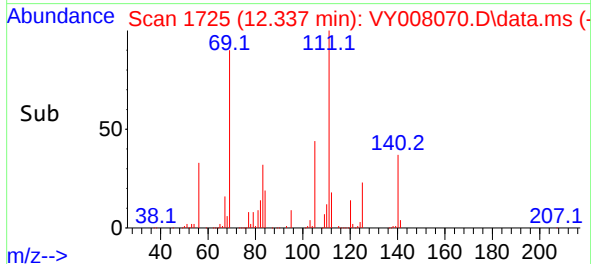
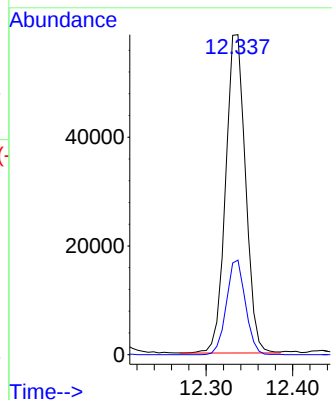
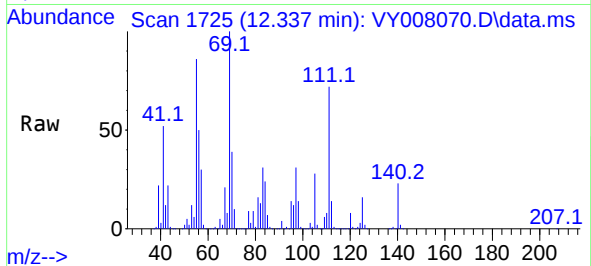




#73
Isopropylbenzene
Concen: 18.075 ug/l
RT: 12.337 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

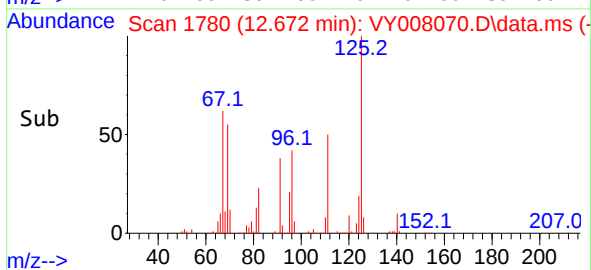
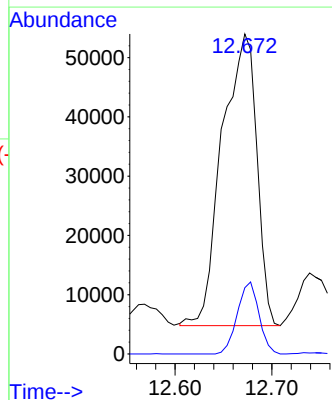
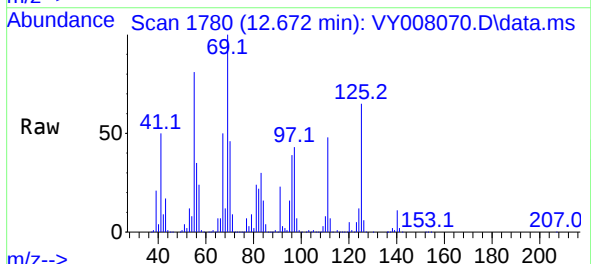
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-EAST-SIDEWALL

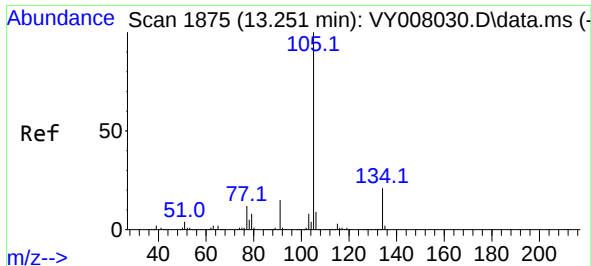
Tgt Ion:105 Resp: 93520
Ion Ratio Lower Upper
105 100
120 28.5 13.4 40.2



#78
n-propylbenzene
Concen: 20.060 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008070.D
Acq: 28 Mar 2022 17:27

Tgt Ion: 91 Resp: 122424
Ion Ratio Lower Upper
91 100
120 15.4 11.3 33.9

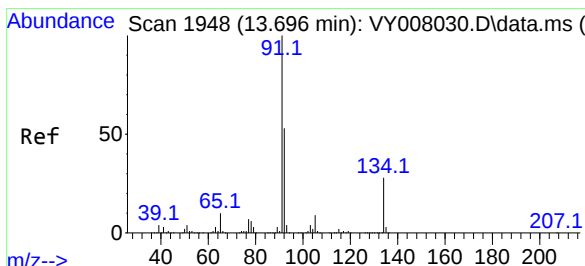
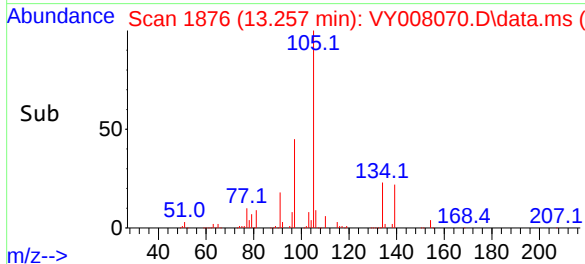
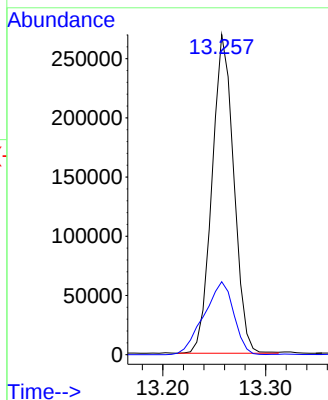
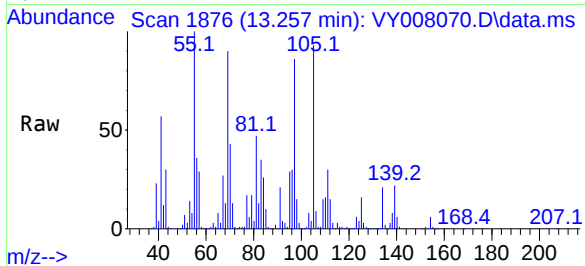




#85
 sec-Butylbenzene
 Concen: 70.865 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY008070.D
 Acq: 28 Mar 2022 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-7-EAST-SIDEWALL

Tgt Ion:105 Resp: 394992
 Ion Ratio Lower Upper
 105 100
 134 31.3 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 59.117 ug/l
 RT: 13.702 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VY008070.D
 Acq: 28 Mar 2022 17:27

Tgt Ion: 91 Resp: 252312
 Ion Ratio Lower Upper
 91 100
 92 47.0 26.3 78.9
 134 0.0 13.0 38.9#

