

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007986.D
 Acq On : 22 Mar 2022 05:01
 Operator : SY/MD
 Sample : N2057-05
 Misc : 6.16/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Mar 22 06:57:13 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)

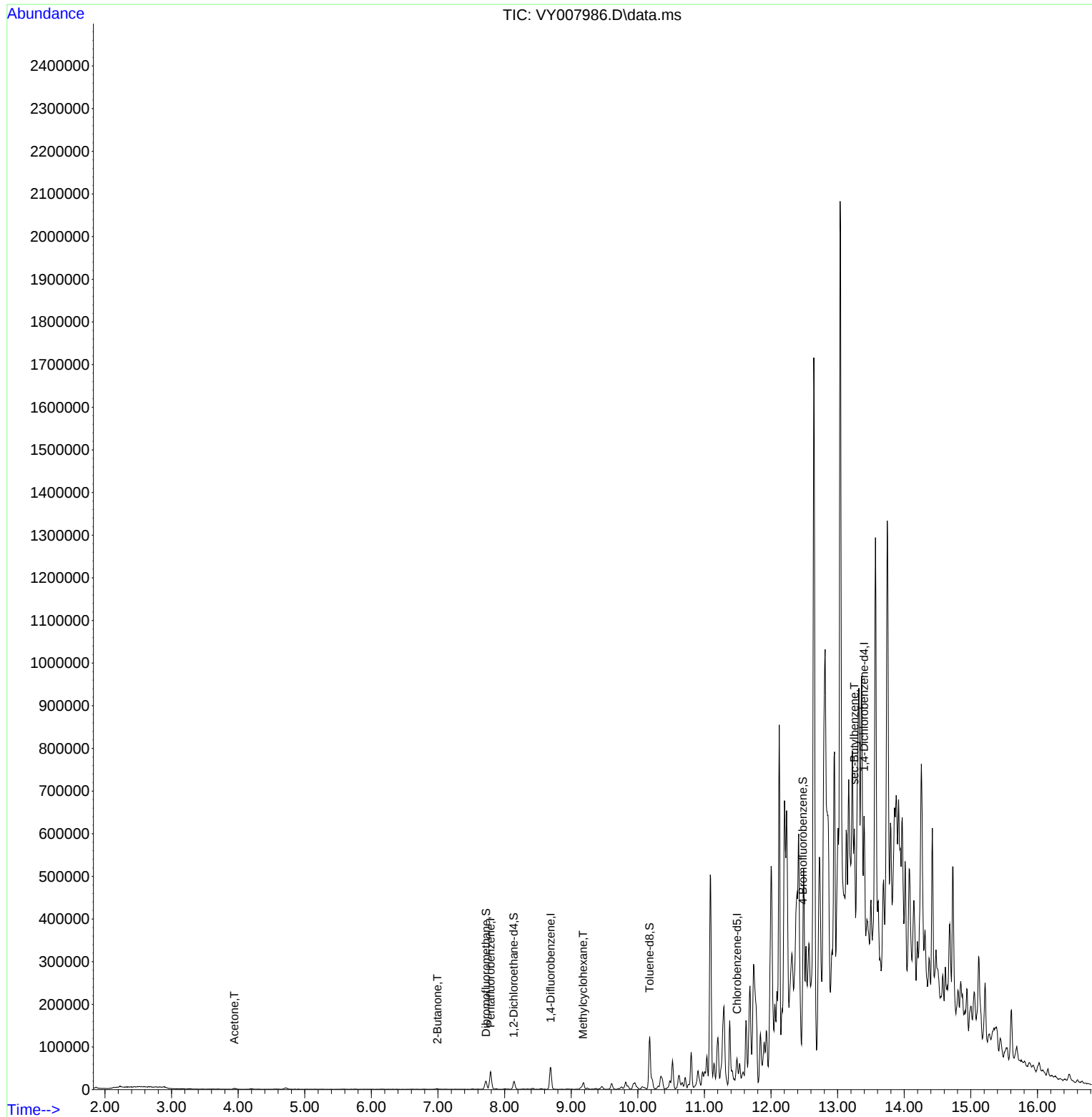
Internal Standards						
1) Pentafluorobenzene	7.789	168	27603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	44839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.398	152	4691	50.000	ug/l	#-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13245	42.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.160%
35) Dibromofluoromethane	7.722	113	13644	43.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.660%
50) Toluene-d8	10.179	98	50608	53.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.340%
62) 4-Bromofluorobenzene	12.477	95	21640	47.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.760%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	3593	43.034	ug/l	93
25) 2-Butanone	6.990	43	2003	14.977	ug/l #	90
39) Methylcyclohexane	9.179	83	6404	9.801	ug/l	85
85) sec-Butylbenzene	13.251	105	3808	8.362	ug/l	80

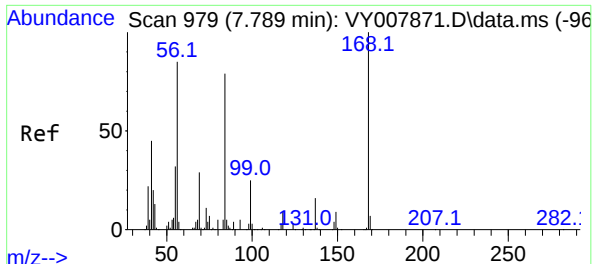
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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UST-7-SOUTH-SIDEWALL

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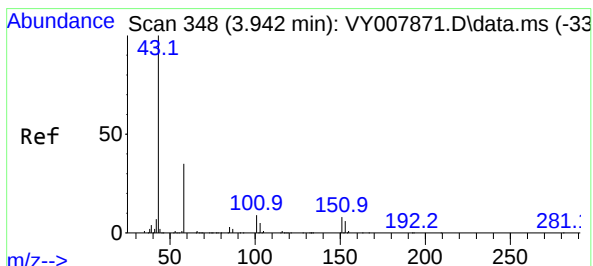
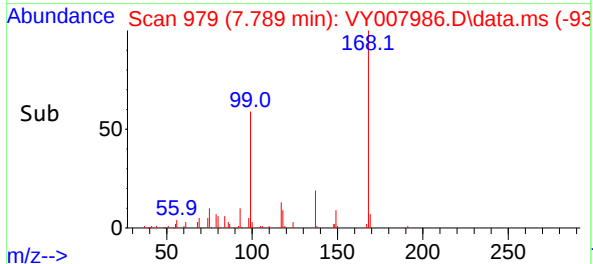
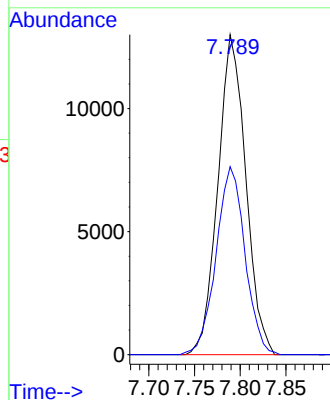
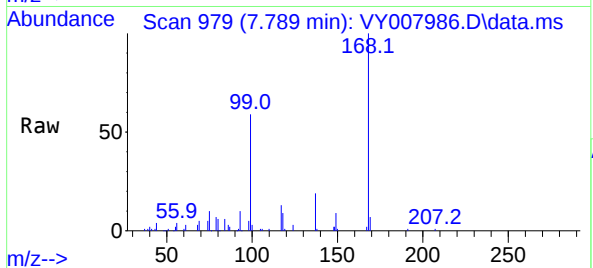




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007986.D
Acq: 22 Mar 2022 05:01

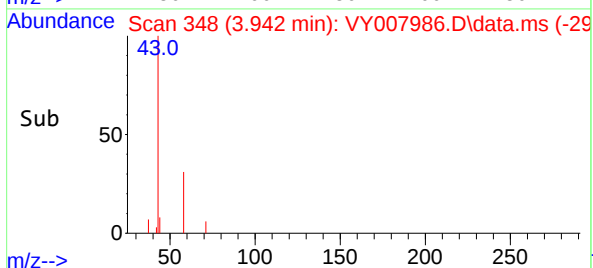
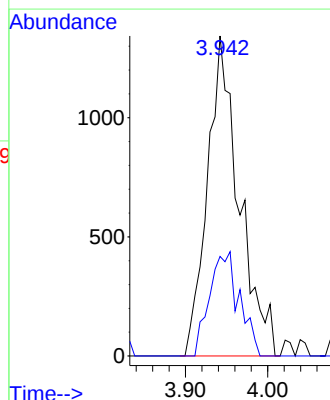
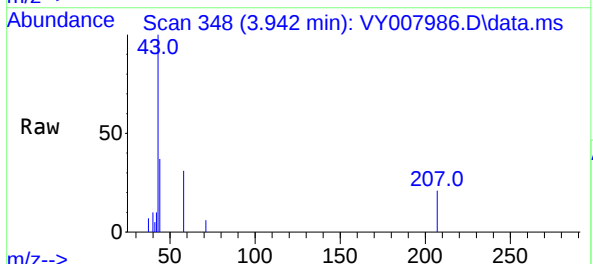
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-SOUTH-SIDEWALL

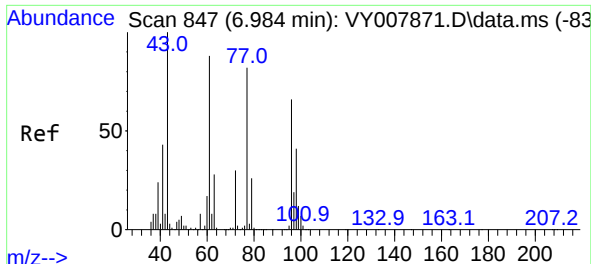
Tgt Ion:168 Resp: 27603
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#16
Acetone
Concen: 43.034 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007986.D
Acq: 22 Mar 2022 05:01

Tgt Ion: 43 Resp: 3593
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0

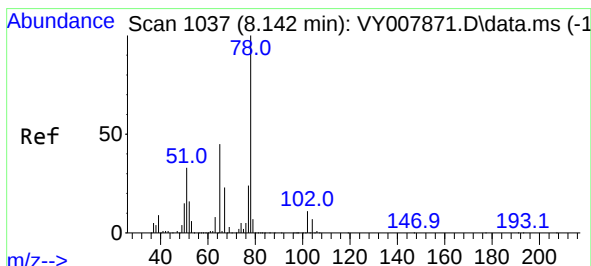
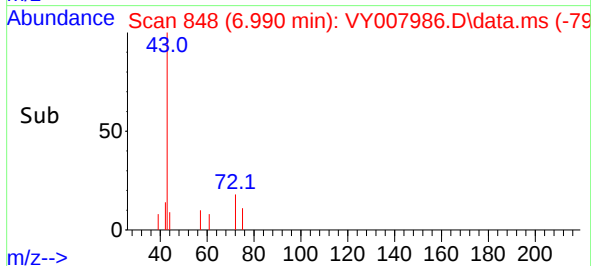
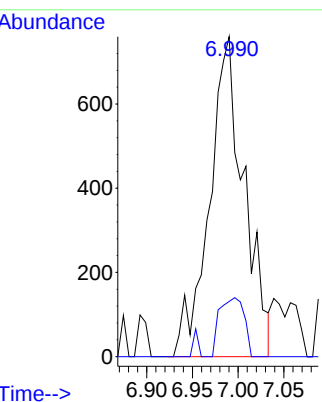
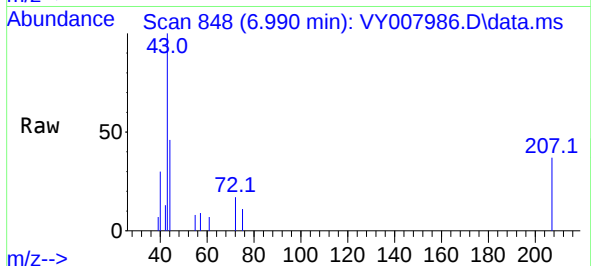




#25
2-Butanone
Concen: 14.977 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY007986.D
Acq: 22 Mar 2022 05:01

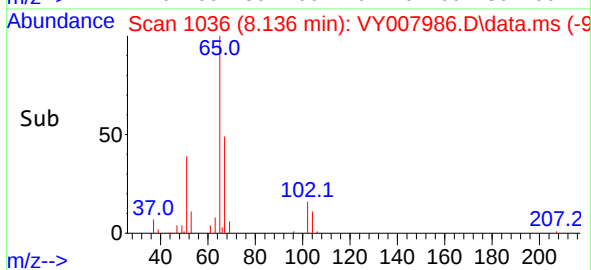
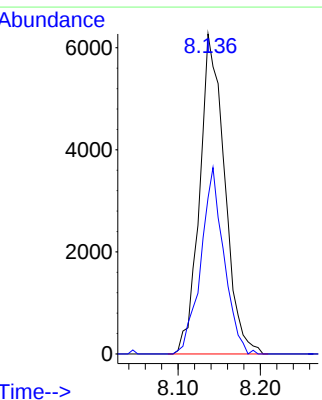
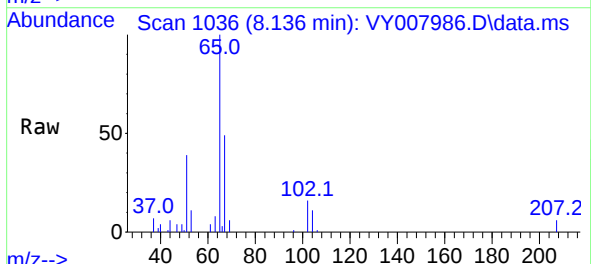
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-SOUTH-SIDEWALL

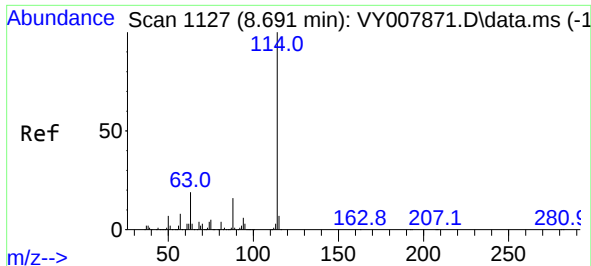
Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
72 17.2 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 42.084 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY007986.D
Acq: 22 Mar 2022 05:01

Tgt Ion: 65 Resp: 13245
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007986.D

Acq: 22 Mar 2022 05:01

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-SOUTH-SIDEWALL

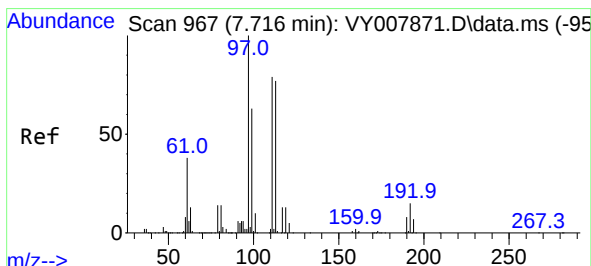
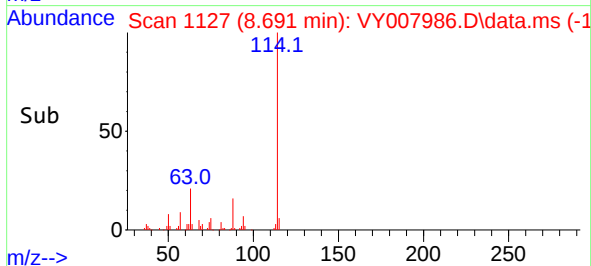
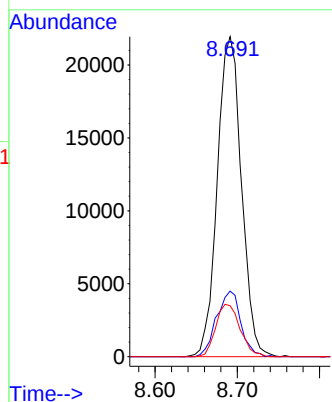
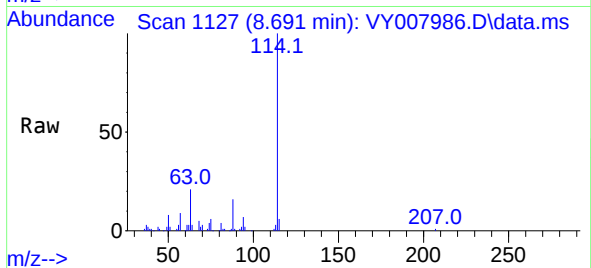
Tgt Ion:114 Resp: 44839

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.328 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007986.D

Acq: 22 Mar 2022 05:01

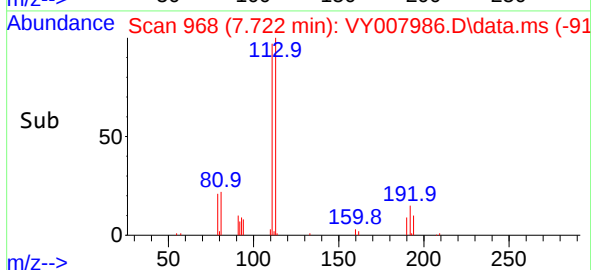
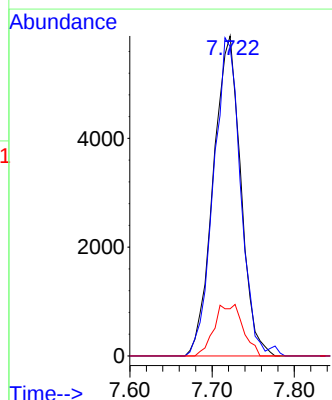
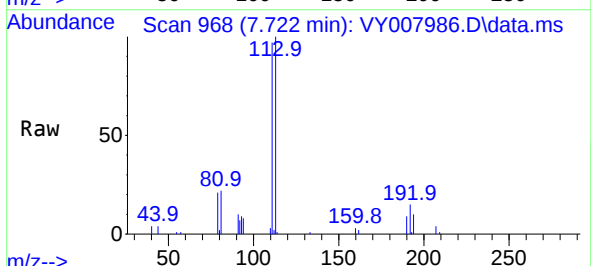
Tgt Ion:113 Resp: 13644

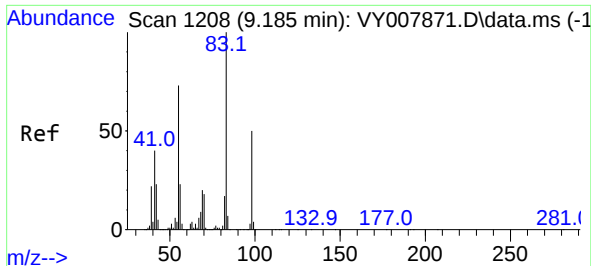
Ion Ratio Lower Upper

113 100

111 98.0 82.6 124.0

192 16.7 17.6 26.4#





#39

Methylcyclohexane

Concen: 9.801 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007986.D

Acq: 22 Mar 2022 05:01

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-SOUTH-SIDEWALL

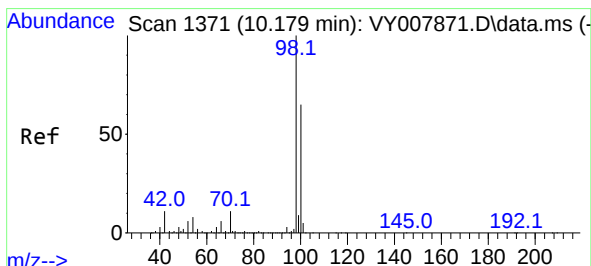
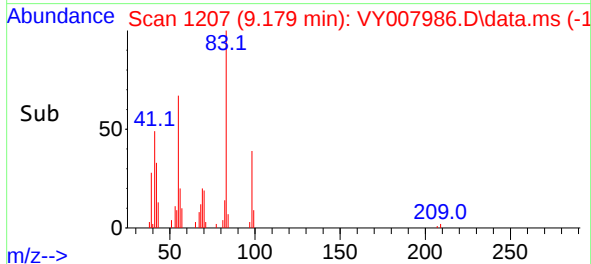
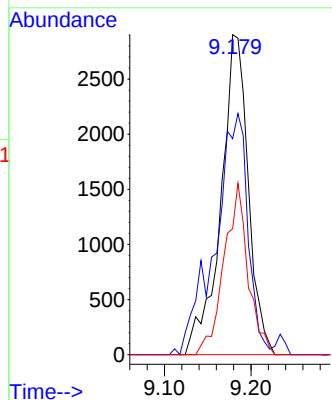
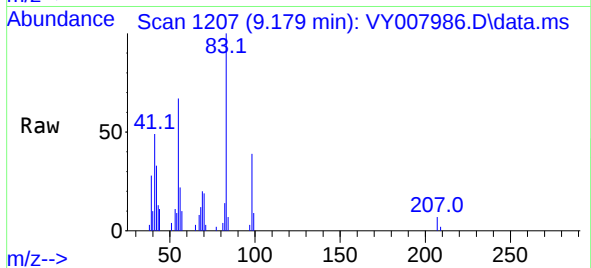
Tgt Ion: 83 Resp: 6404

Ion Ratio Lower Upper

83 100

55 67.5 66.5 99.7

98 39.4 37.9 56.9



#50

Toluene-d8

Concen: 53.670 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007986.D

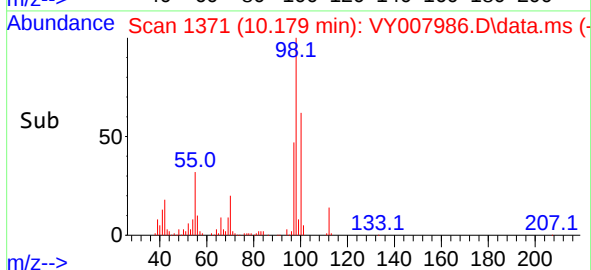
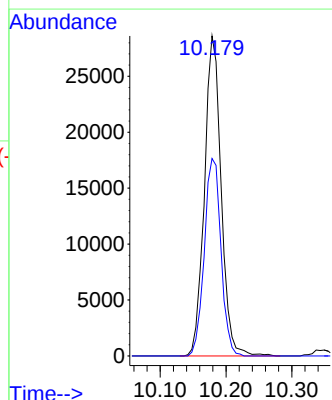
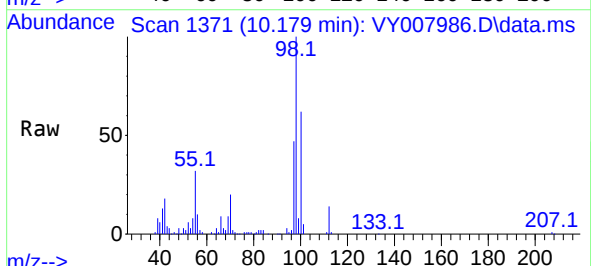
Acq: 22 Mar 2022 05:01

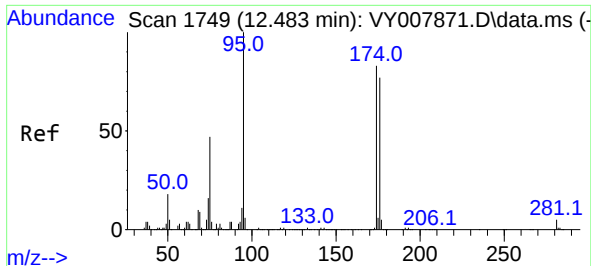
Tgt Ion: 98 Resp: 50608

Ion Ratio Lower Upper

98 100

100 61.2 50.2 75.2

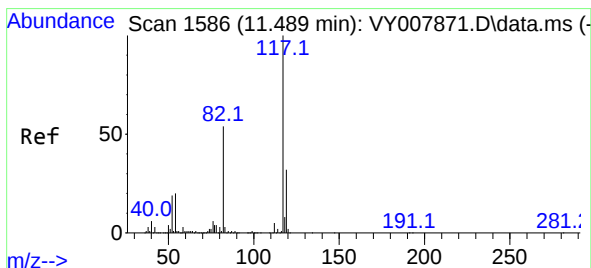
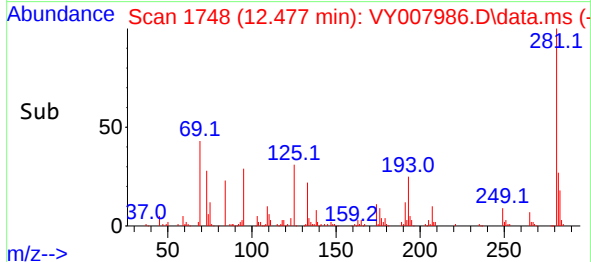
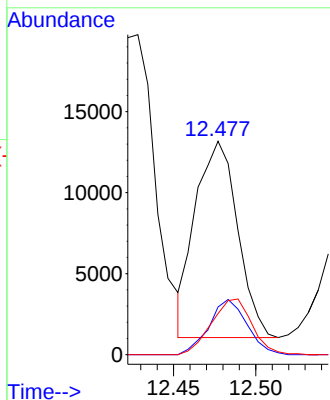
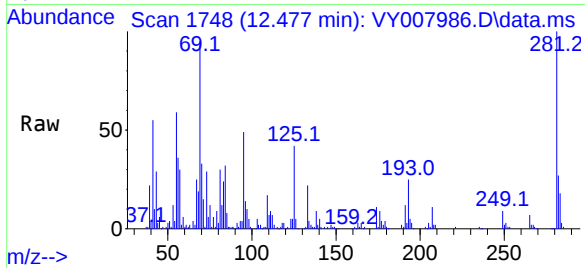




#62
4-Bromofluorobenzene
Concen: 47.882 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007986.D
Acq: 22 Mar 2022 05:01

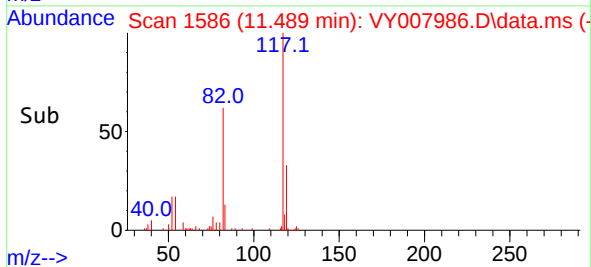
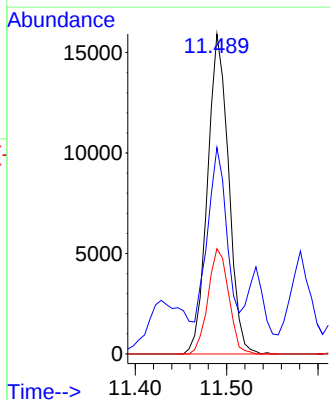
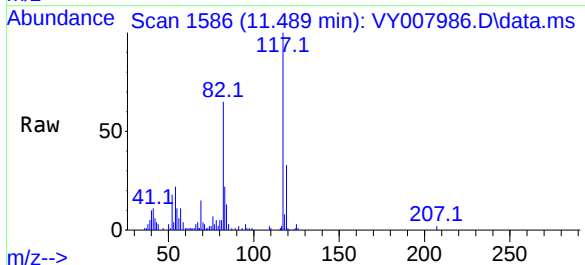
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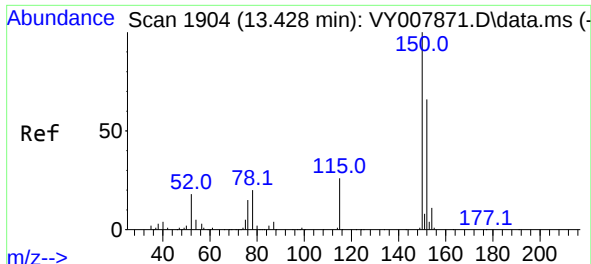
Tgt Ion: 95 Resp: 21640
Ion Ratio Lower Upper
95 100
174 25.2 0.0 177.0
176 27.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007986.D
Acq: 22 Mar 2022 05:01

Tgt Ion: 117 Resp: 25473
Ion Ratio Lower Upper
117 100
82 58.6 43.0 64.4
119 32.9 25.4 38.0

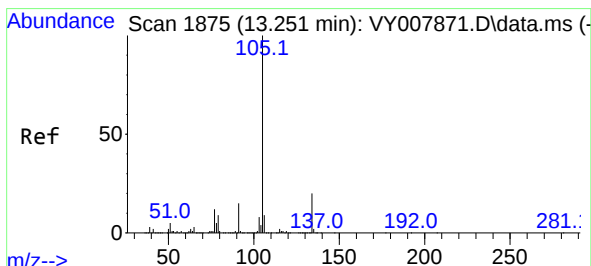
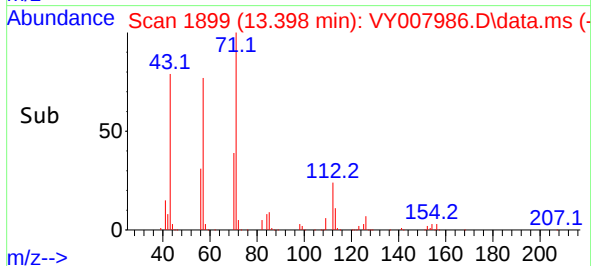
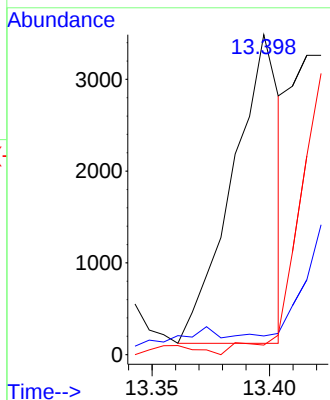
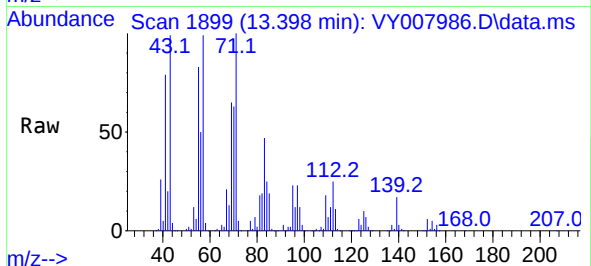




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.398 min Scan# 11
Delta R.T. -0.031 min
Lab File: VY007986.D
Acq: 22 Mar 2022 05:01

Instrument :
MSVOA_Y
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Tgt Ion:152 Resp: 4691
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



#85
sec-Butylbenzene
Concen: 8.362 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY007986.D
Acq: 22 Mar 2022 05:01

Tgt Ion:105 Resp: 3808
Ion Ratio Lower Upper
105 100
134 29.4 10.2 30.4

