

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY007999.D
 Acq On : 22 Mar 2022 14:45
 Operator : SY/MD
 Sample : N2057-05RE
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

Quant Time: Mar 23 05:07:19 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	206898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	381285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59979m	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127629	54.102	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.200%			
35) Dibromofluoromethane	7.716	113	118910	44.407	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.820%			
50) Toluene-d8	10.179	98	450683	56.511	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.020%			
62) 4-Bromofluorobenzene	12.477	95	201874	52.530	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.060%			
Target Compounds						
16) Acetone	3.942	43	34358	54.901	ug/l	97
20) Methylene Chloride	4.722	84	31126	9.035	ug/l #	83
25) 2-Butanone	6.990	43	17309	17.267	ug/l	95
39) Methylcyclohexane	9.179	83	56556	10.311	ug/l	95
85) sec-Butylbenzene	13.257	105	29953	5.144	ug/l	79

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

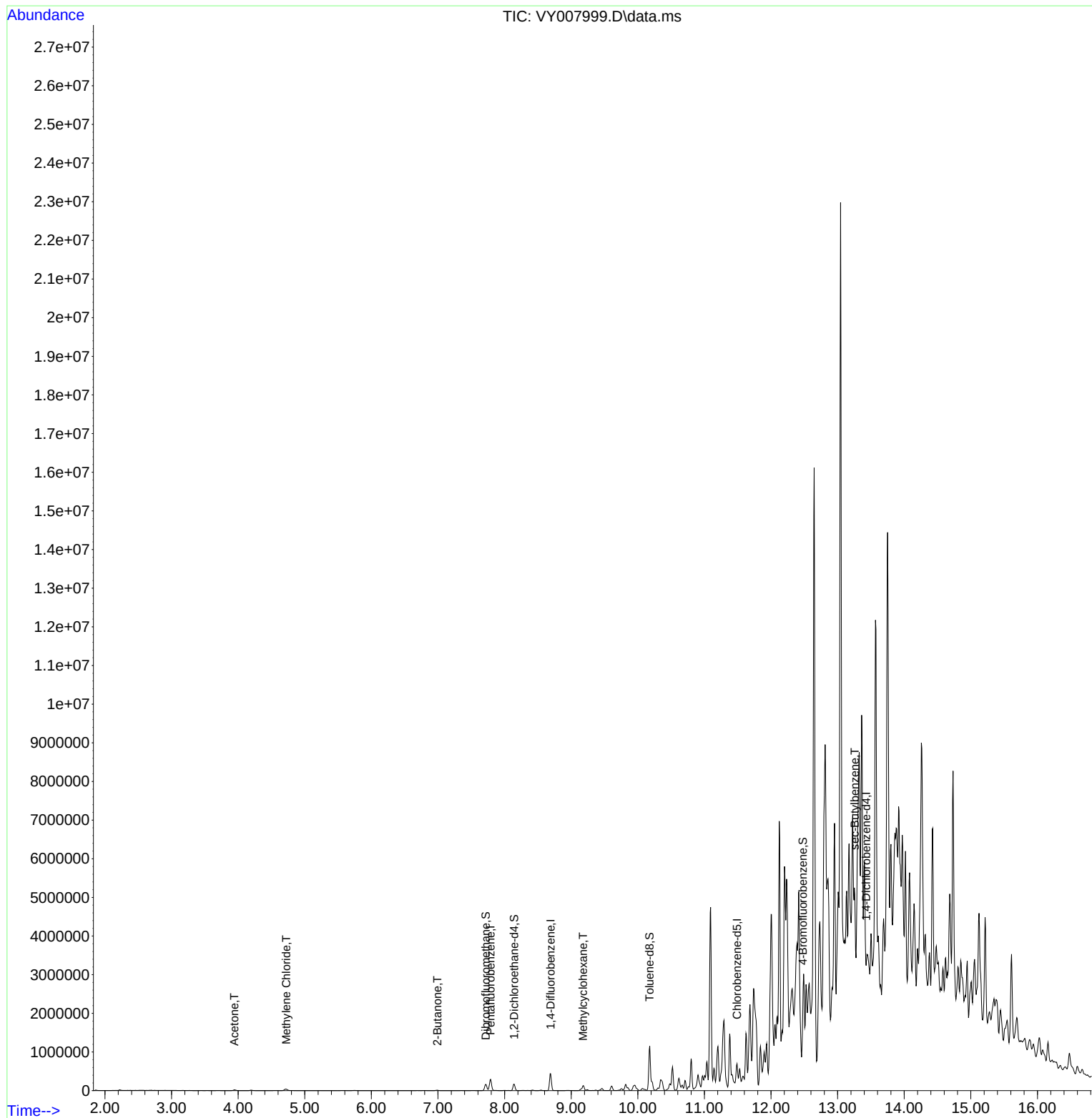
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
Data File : VY007999.D
Acq On : 22 Mar 2022 14:45
Operator : SY/MD
Sample : N2057-05RE
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

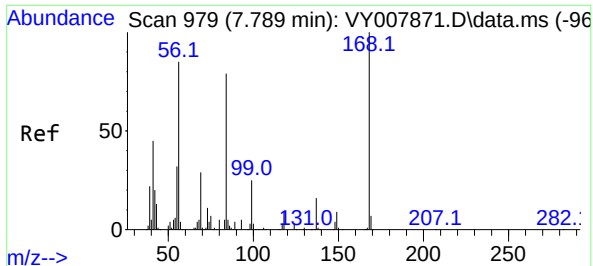
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-SOUTH-SIDEWALLRE

Quant Time: Mar 23 05:07:19 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

Manual Integrations
APPROVED

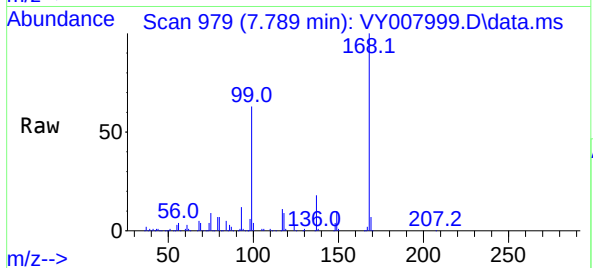
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45

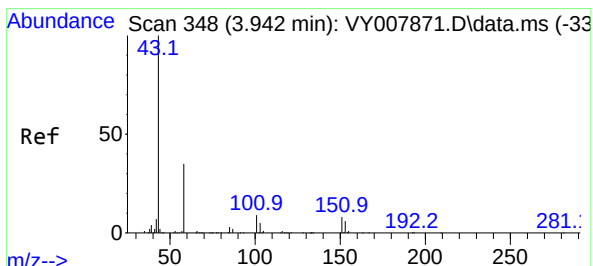
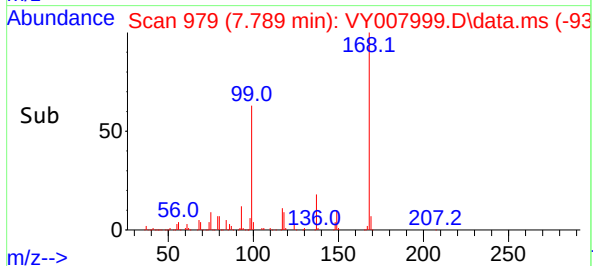
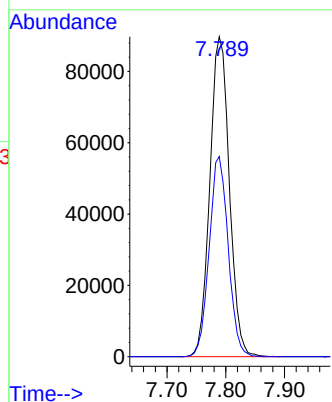
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-SOUTH-SIDEWALLRE



Tgt Ion:168 Resp: 206898
Ion Ratio Lower Upper
168 100
99 62.5 46.9 70.3

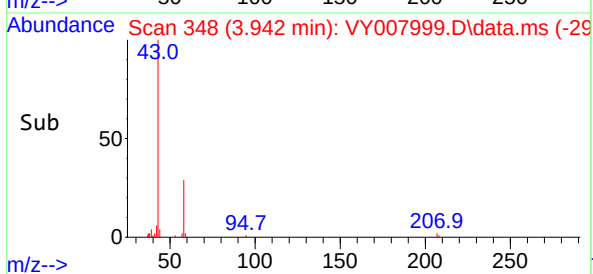
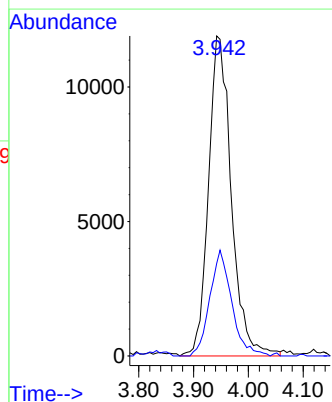
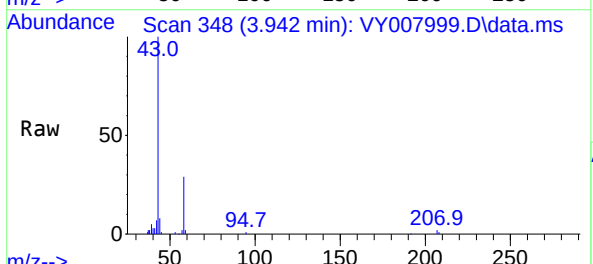
Manual Integrations
APPROVED

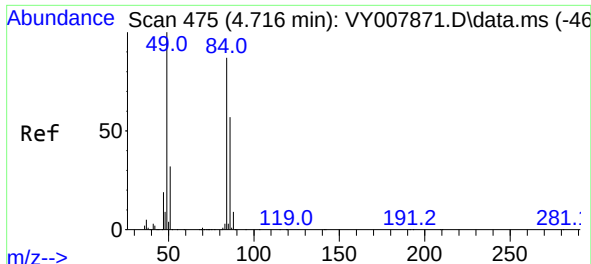
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#16
Acetone
Concen: 54.901 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45

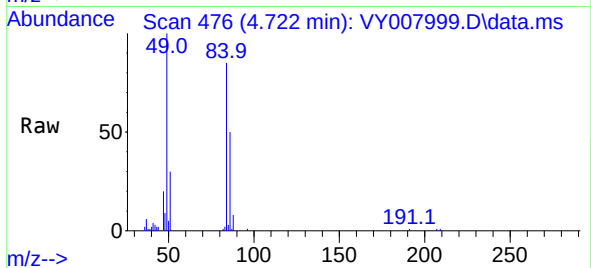
Tgt Ion: 43 Resp: 34358
Ion Ratio Lower Upper
43 100
58 28.9 22.0 33.0





#20
Methylene Chloride
Concen: 9.035 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45

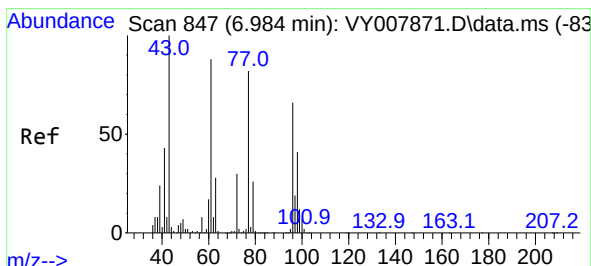
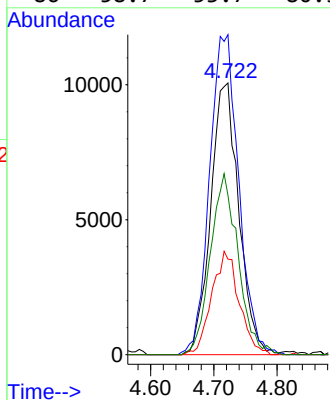
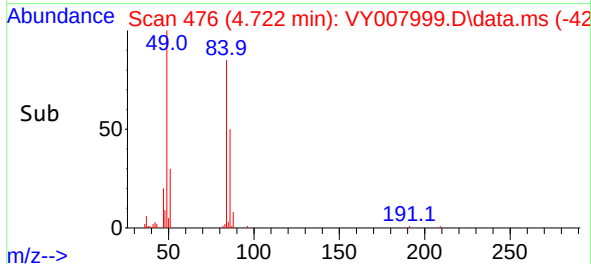
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-SOUTH-SIDEWALLRE



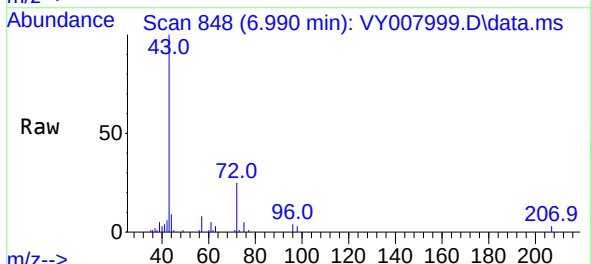
Tgt Ion: 84 Resp: 31120
Ion Ratio Lower Upper
84 100
49 117.8 114.4 171.6
51 35.2 35.3 52.9
86 58.7 53.7 80.5

Manual Integrations
APPROVED

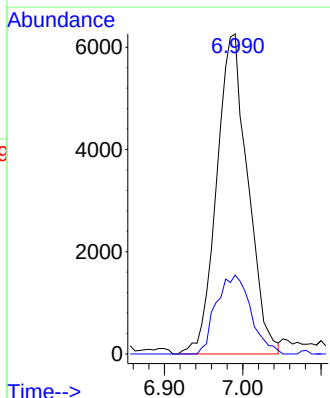
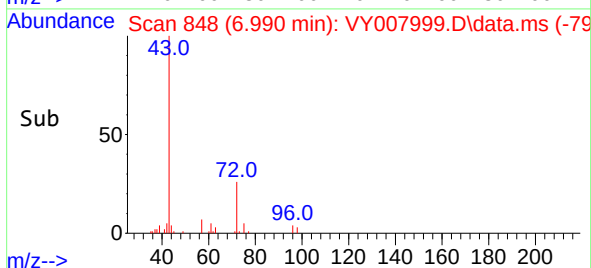
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022

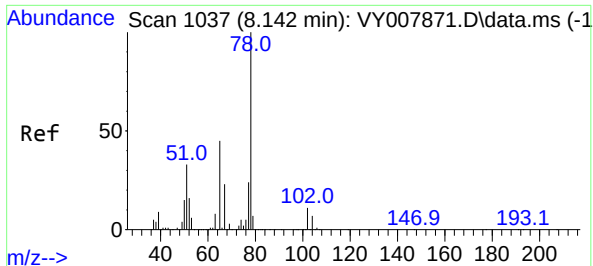


#25
2-Butanone
Concen: 17.267 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45



Tgt Ion: 43 Resp: 17309
Ion Ratio Lower Upper
43 100
72 24.7 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 54.102 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007999.D

Acq: 22 Mar 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-SOUTH-SIDEWALLRE

Tgt Ion: 65 Resp: 127629

Ion Ratio Lower Upper

65 100

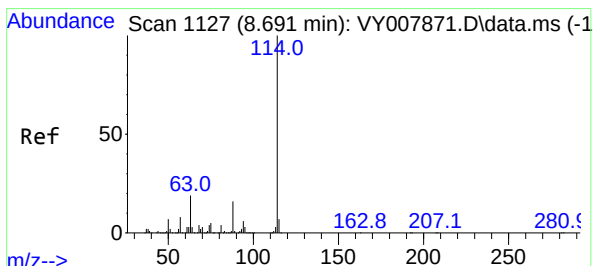
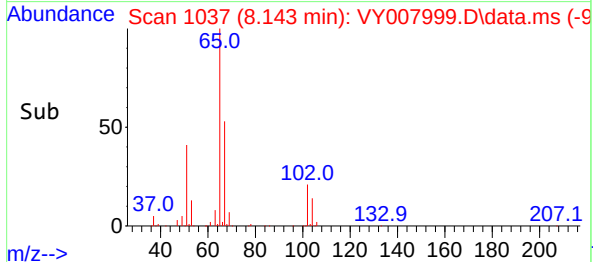
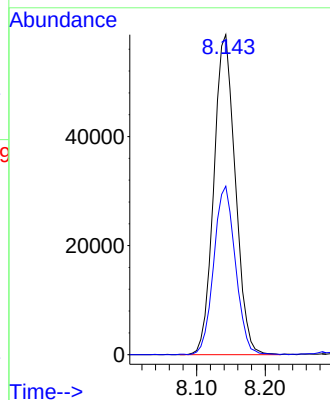
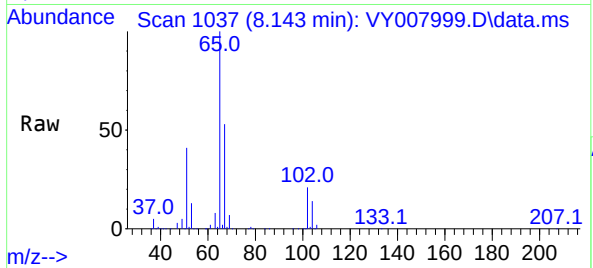
67 53.2 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022

Supervised By :Semsettin Yesilyurt 03/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007999.D

Acq: 22 Mar 2022 14:45

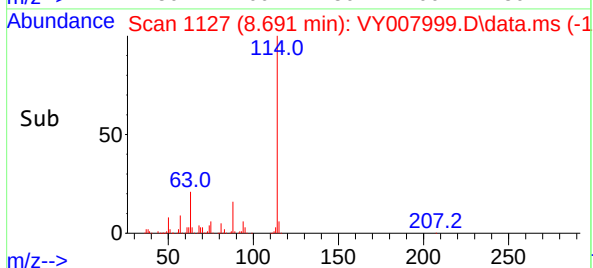
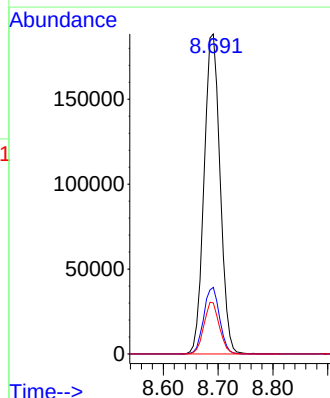
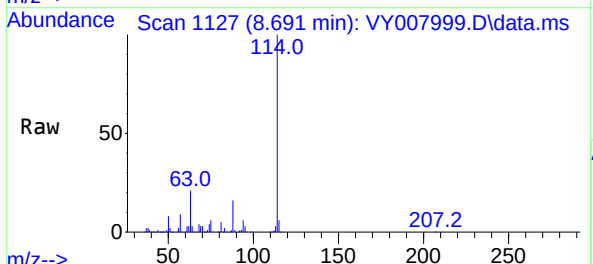
Tgt Ion:114 Resp: 381285

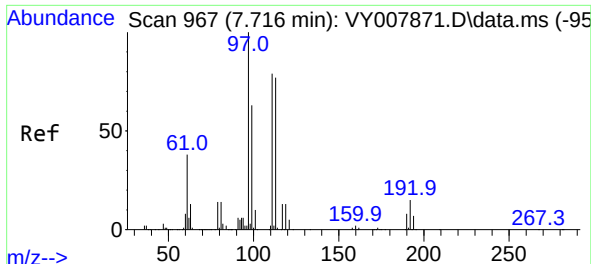
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

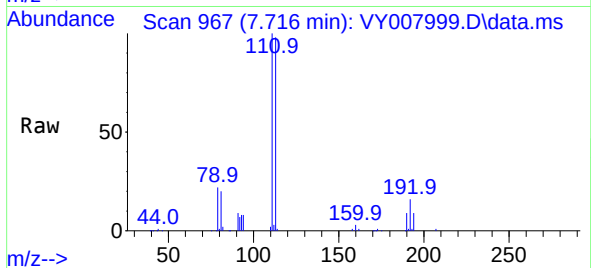
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 44.407 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45

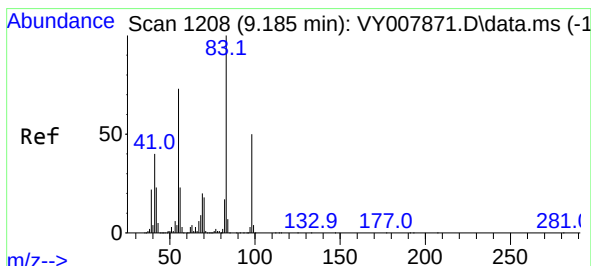
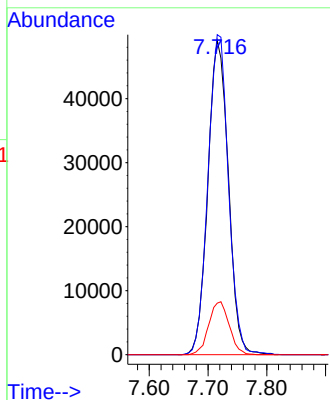
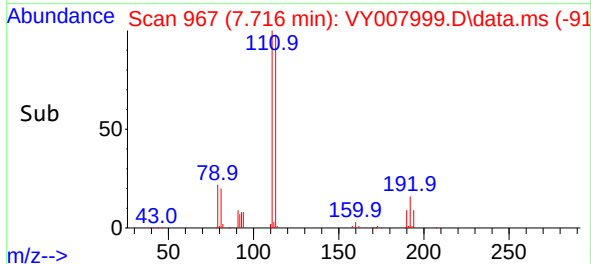
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-SOUTH-SIDEWALLRE



Tgt Ion: 113 Resp: 118910
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 16.8 17.6 26.4

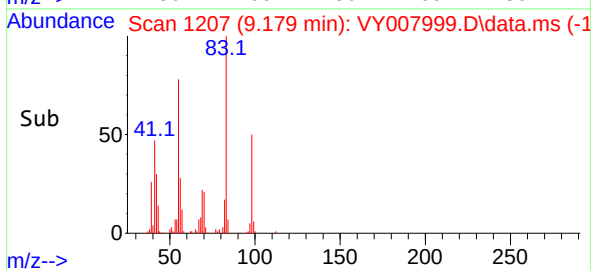
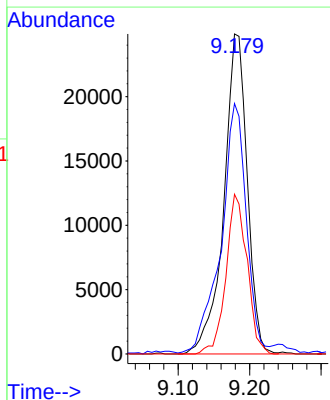
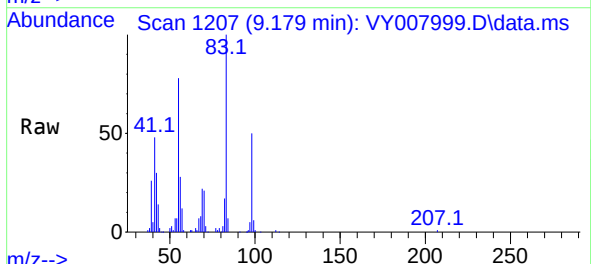
Manual Integrations
APPROVED

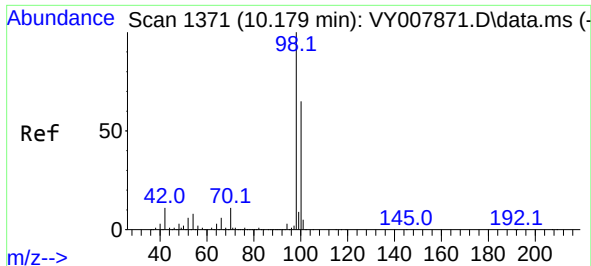
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#39
Methylcyclohexane
Concen: 10.311 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45

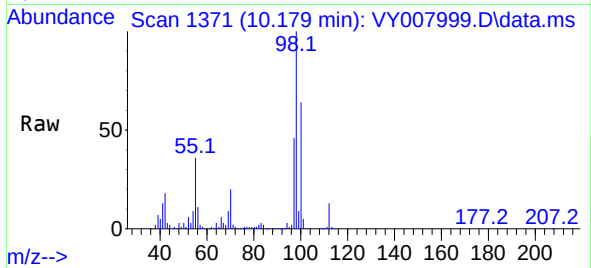
Tgt Ion: 83 Resp: 56556
Ion Ratio Lower Upper
83 100
55 77.9 66.5 99.7
98 49.9 37.9 56.9





#50
Toluene-d8
Concen: 56.511 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45

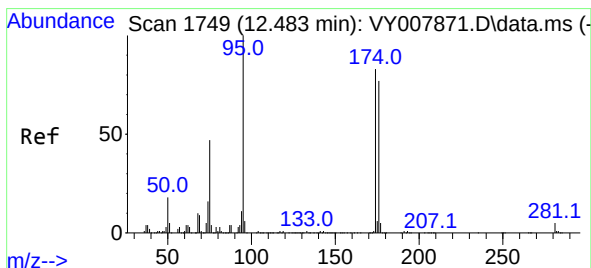
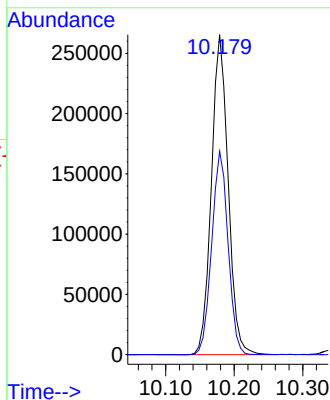
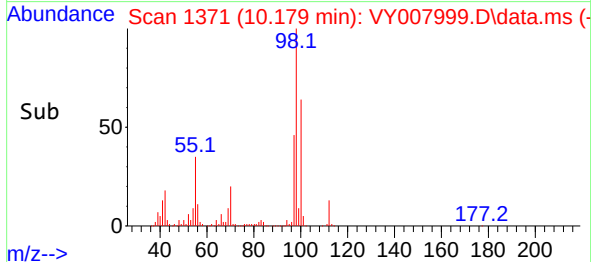
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-SOUTH-SIDEWALLRE



Tgt Ion: 98 Resp: 45068
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2

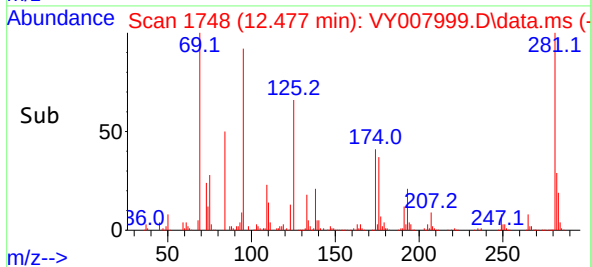
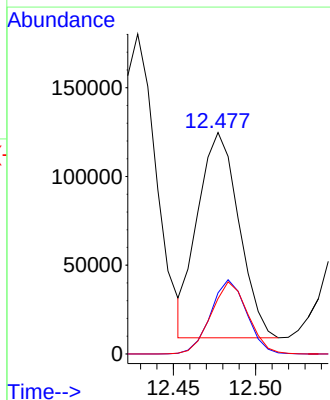
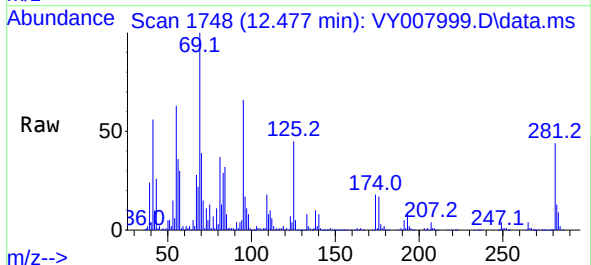
Manual Integrations
APPROVED

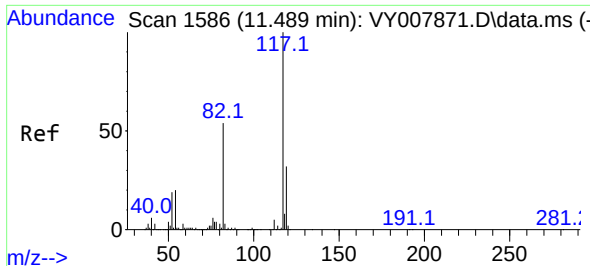
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#62
4-Bromofluorobenzene
Concen: 52.530 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45

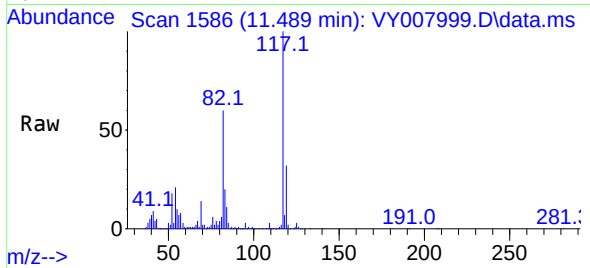
Tgt Ion: 95 Resp: 201874
Ion Ratio Lower Upper
95 100
174 31.5 0.0 177.0
176 31.3 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45

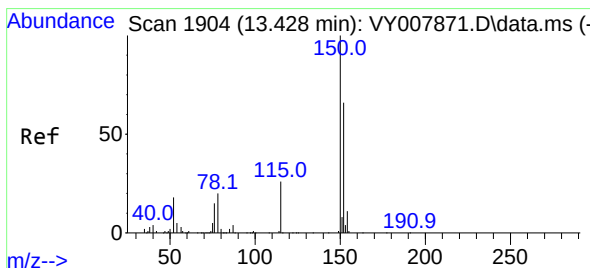
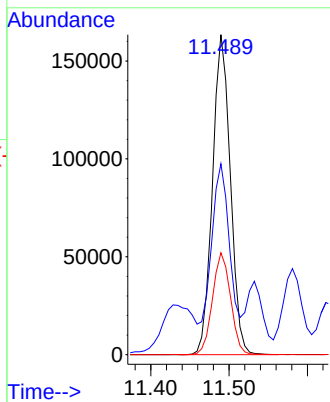
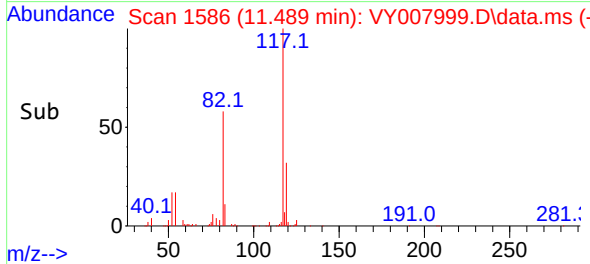
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-SOUTH-SIDEWALLRE



Tgt Ion:117 Resp: 258990
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.8 25.4 38.0

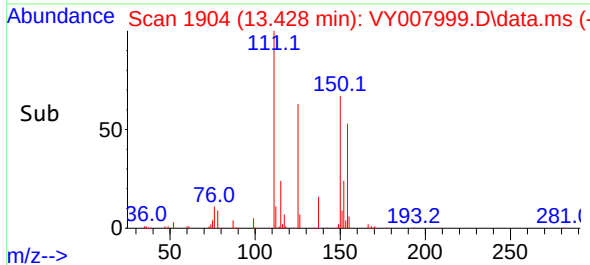
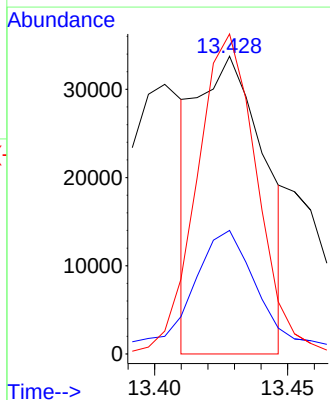
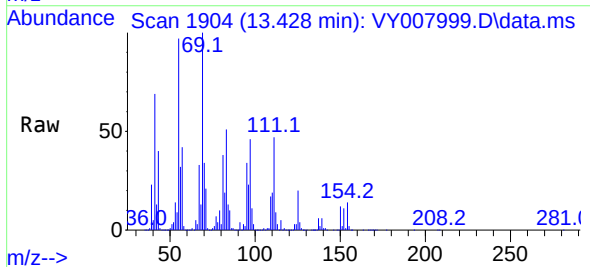
Manual Integrations
APPROVED

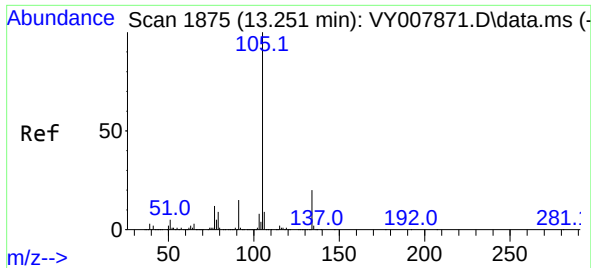
Reviewed By :Mahesh Dadoda 03/23/2022
Supervised By :Semsettin Yesilyurt 03/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007999.D
Acq: 22 Mar 2022 14:45

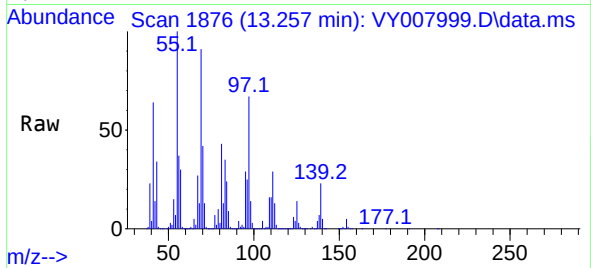
Tgt Ion:152 Resp: 59979
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6





#85
 sec-Butylbenzene
 Concen: 5.144 ug/l
 RT: 13.257 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY007999.D
 Acq: 22 Mar 2022 14:45

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



Tgt Ion:105 Resp: 2995
 Ion Ratio Lower Upper
 105 100
 134 30.2 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

