

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007182.D
 Acq On : 17 Jan 2022 12:40
 Operator : SY/MD
 Sample : N1143-05RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-BOILER-ROOM-NORTH-SIDEWALLRE

Quant Time: Jan 17 17:46:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

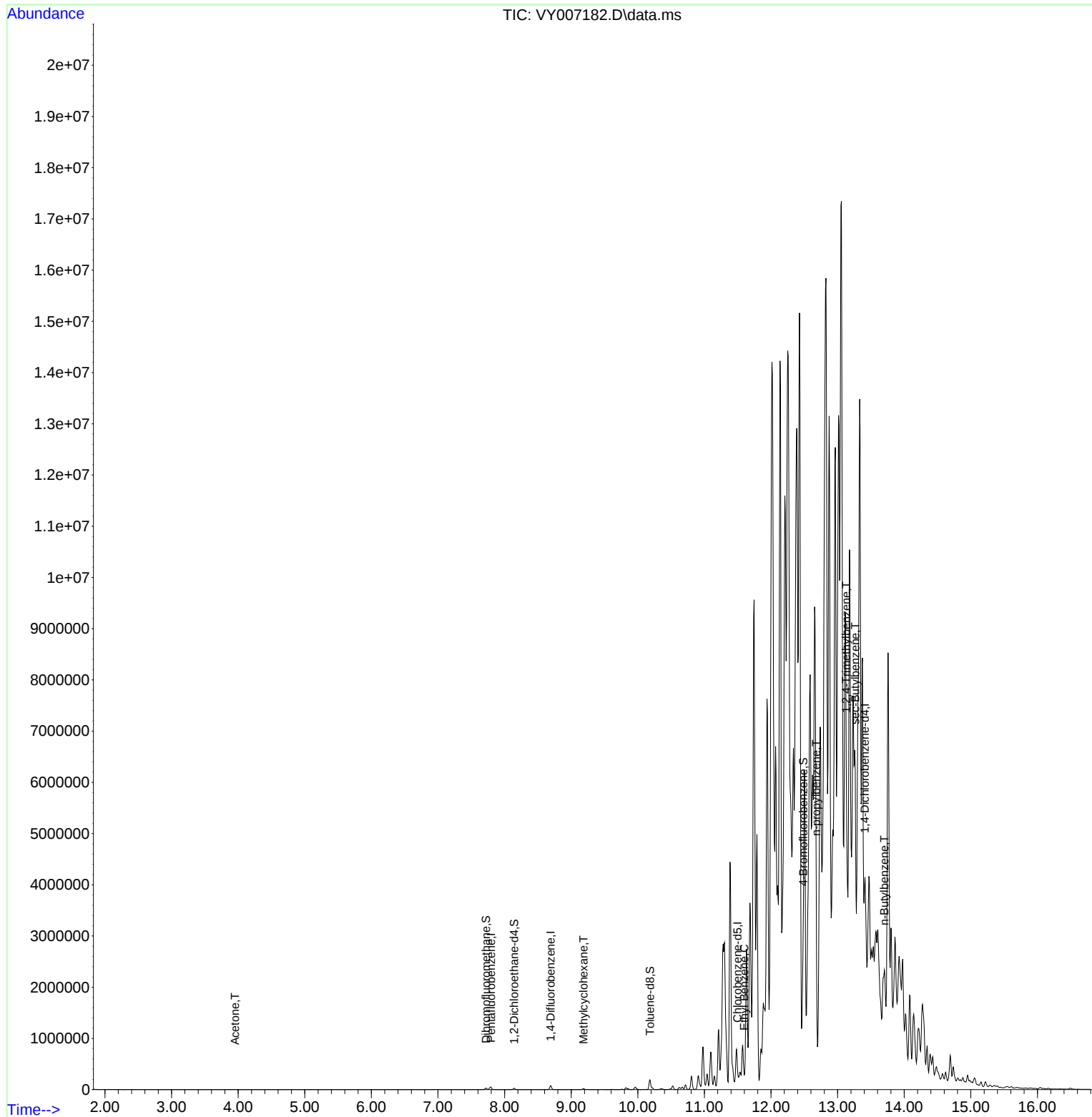
Internal Standards						
1) Pentafluorobenzene	7.795	168	38173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	65385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	52103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	93938	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	20027	42.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.520%
35) Dibromofluoromethane	7.722	113	20309	45.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.880%
50) Toluene-d8	10.185	98	80948	50.107	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.483	95	312190	543.264	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	1086.520%#
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3825	31.466	ug/l	100
39) Methylcyclohexane	9.185	83	7827m	9.078	ug/l	
67) Ethyl Benzene	11.599	91	26416	12.337	ug/l	94
78) n-propylbenzene	12.678	91	314844	31.303	ug/l	95
84) 1,2,4-Trimethylbenzene	13.129	105	319184	48.337	ug/l	99
85) sec-Butylbenzene	13.263	105	507598	58.943	ug/l #	65
89) n-Butylbenzene	13.702	91	406420	58.325	ug/l #	81

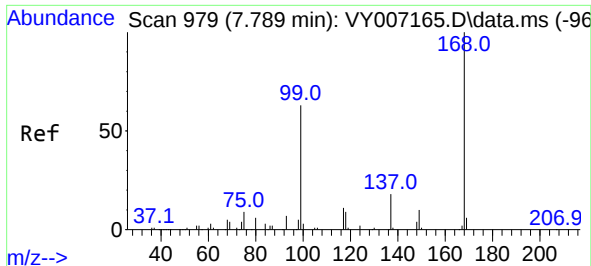
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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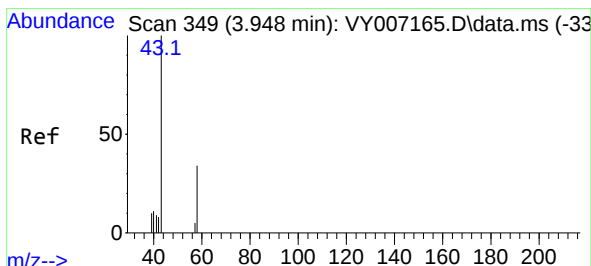
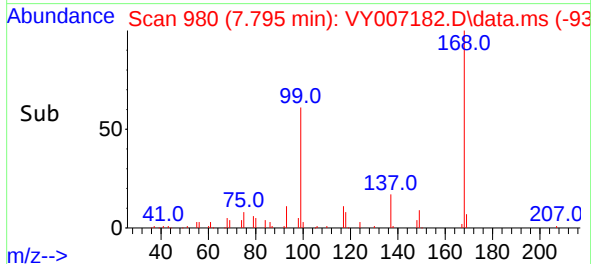
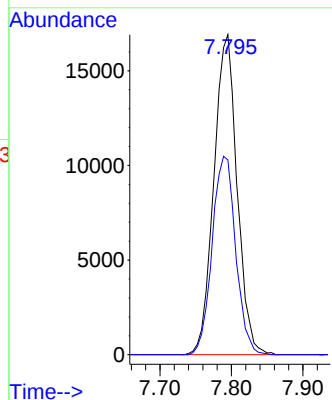
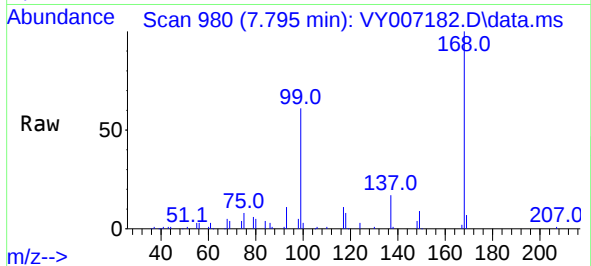




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

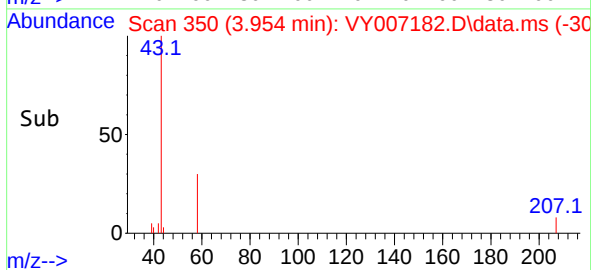
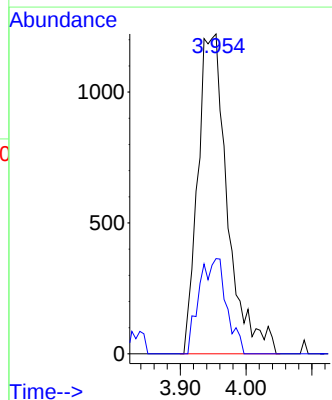
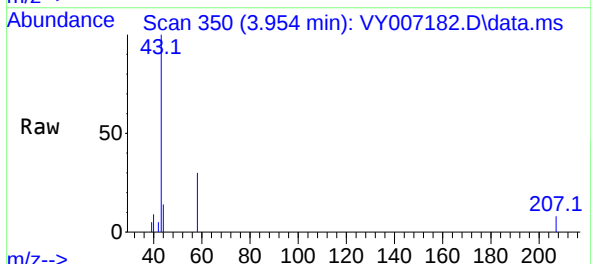
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALLRE

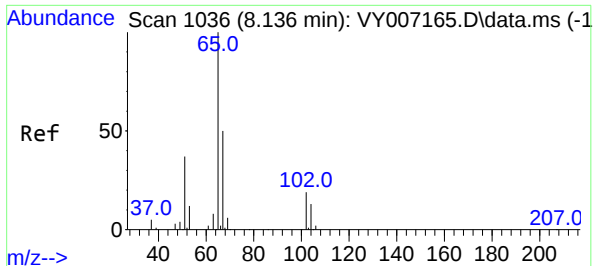
Tgt Ion:168 Resp: 38173
Ion Ratio Lower Upper
168 100
99 60.8 49.1 73.7



#16
Acetone
Concen: 31.466 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

Tgt Ion: 43 Resp: 3825
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 42.757 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007182.D

Acq: 17 Jan 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

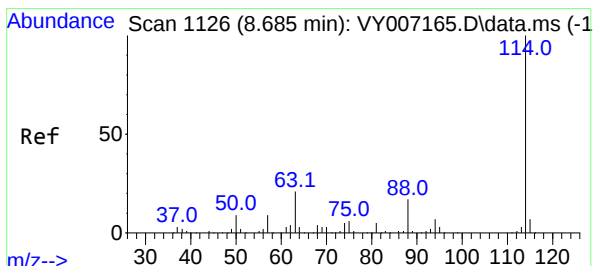
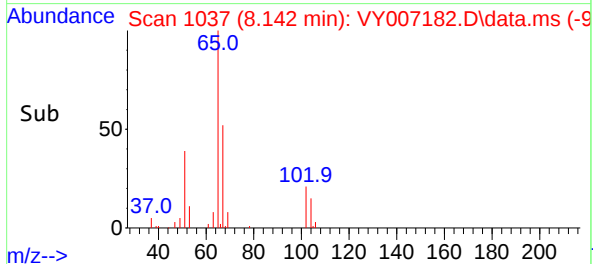
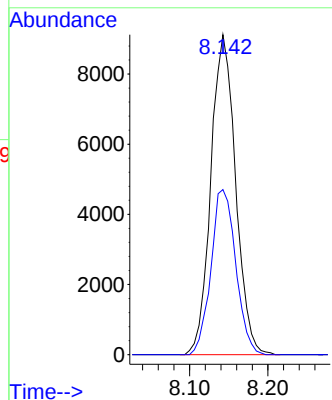
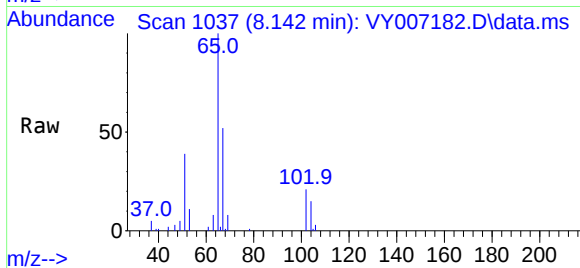
WEST-BOILER-ROOM-NORTH-SIDEWALLRE

Tgt Ion: 65 Resp: 20027

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007182.D

Acq: 17 Jan 2022 12:40

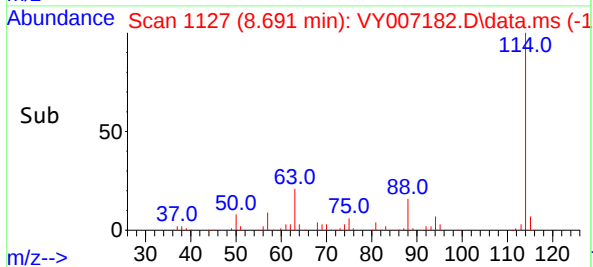
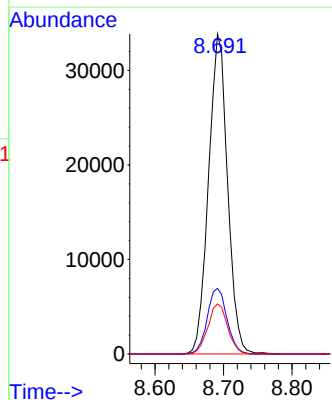
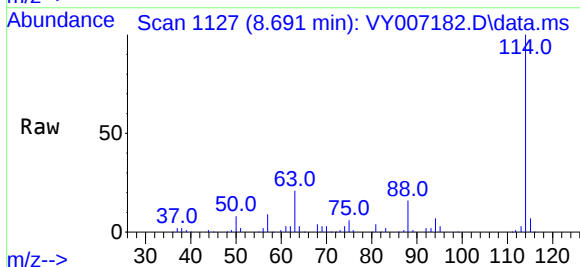
Tgt Ion: 114 Resp: 65385

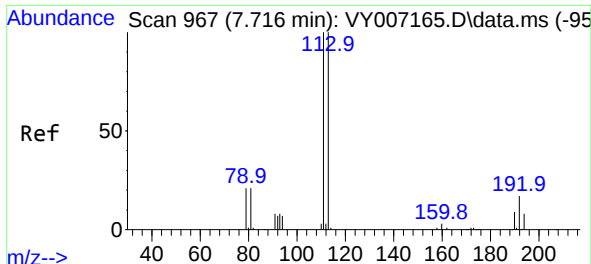
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 45.935 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY007182.D

Acq: 17 Jan 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

WEST-BOILER-ROOM-NORTH-SIDEWALLRE

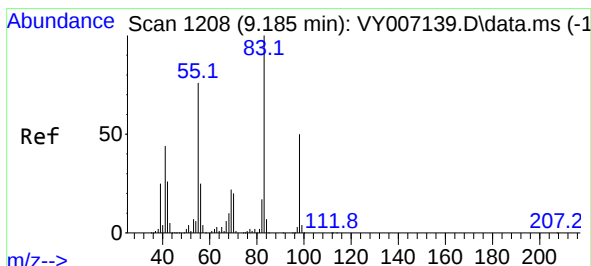
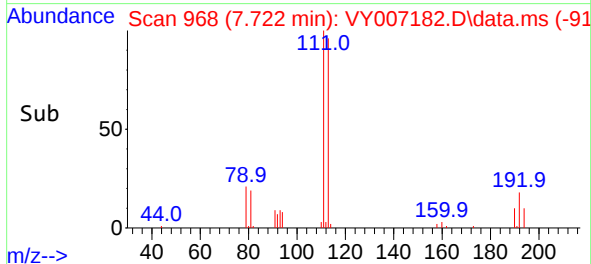
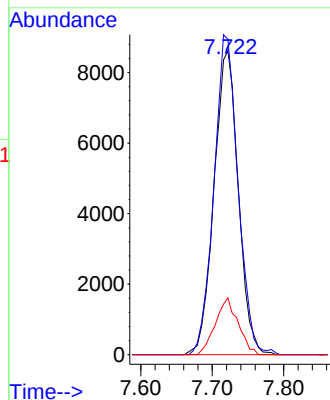
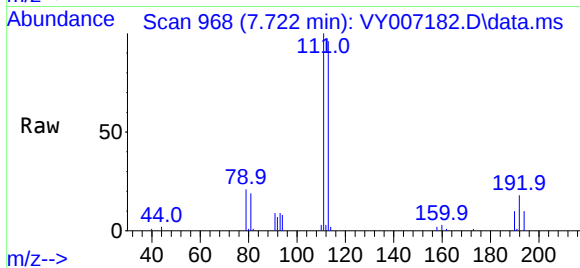
Tgt Ion:113 Resp: 20309

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 17.5 14.2 21.4



#39

Methylcyclohexane

Concen: 9.078 ug/l m

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY007182.D

Acq: 17 Jan 2022 12:40

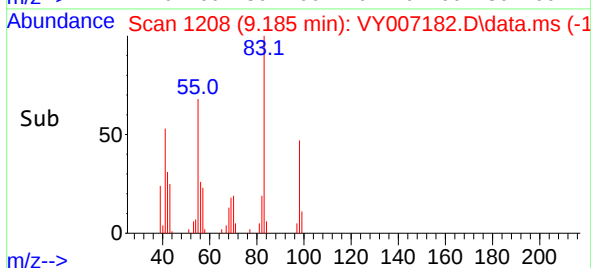
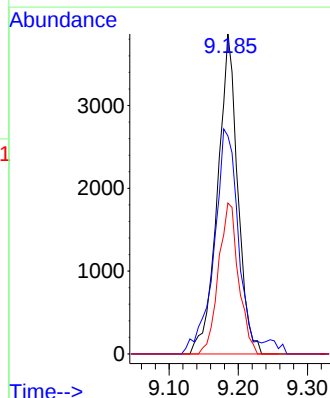
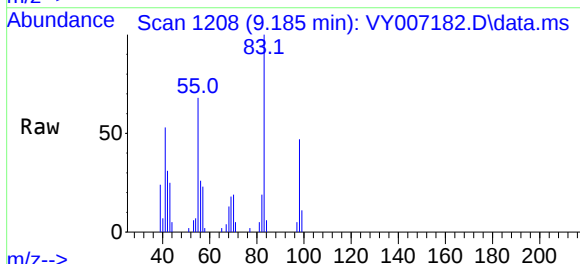
Tgt Ion: 83 Resp: 7827

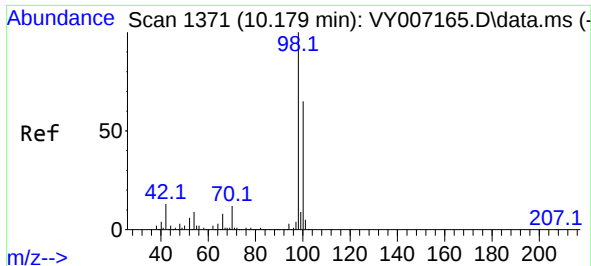
Ion Ratio Lower Upper

83 100

55 68.1 58.8 88.2

98 47.1 38.7 58.1

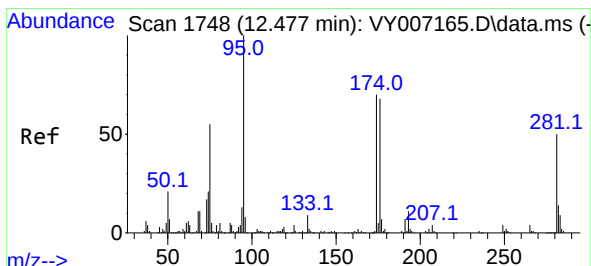
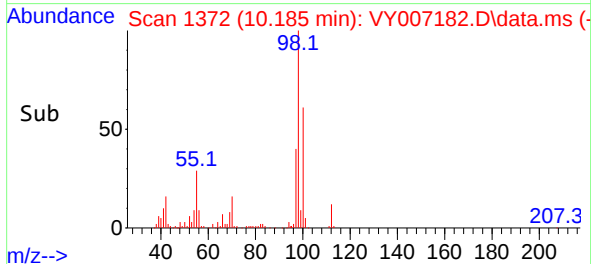
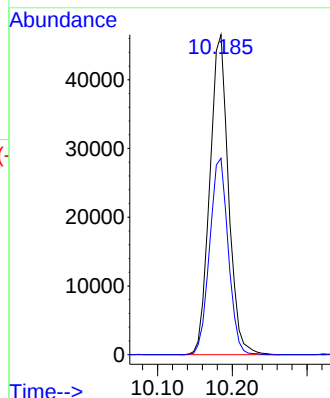
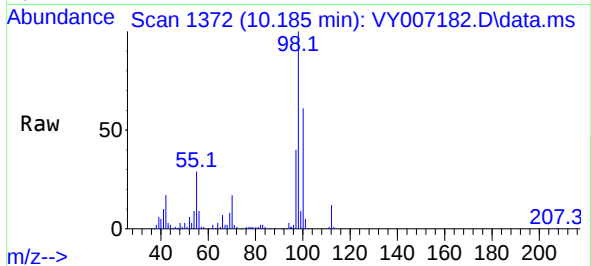




#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

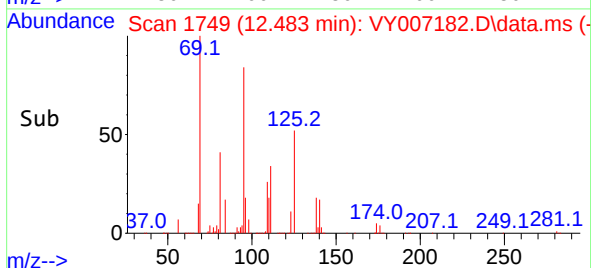
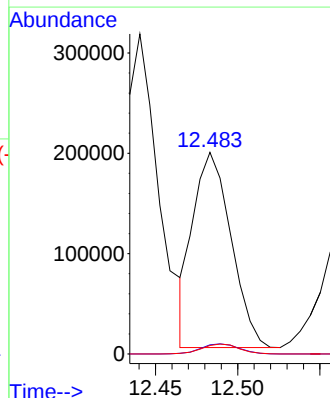
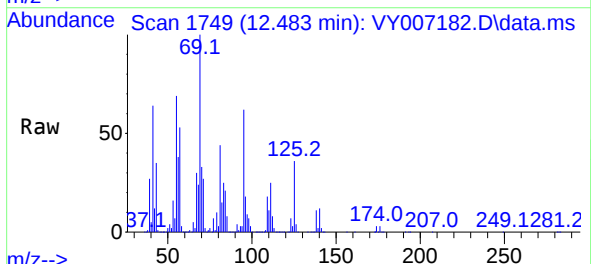
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALLRE

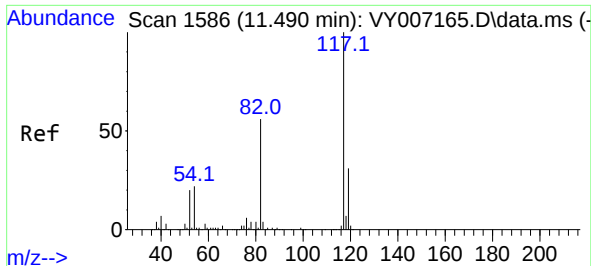
Tgt Ion: 98 Resp: 80948
Ion Ratio Lower Upper
98 100
100 61.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 543.264 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

Tgt Ion: 95 Resp: 312190
Ion Ratio Lower Upper
95 100
174 5.2 0.0 148.4
176 5.0 0.0 146.6

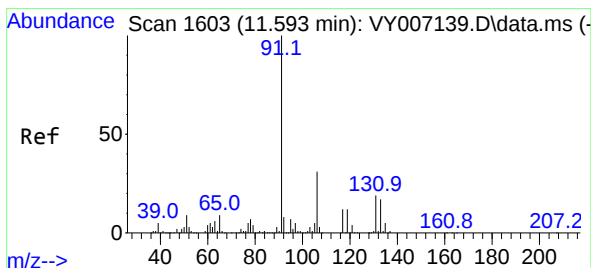
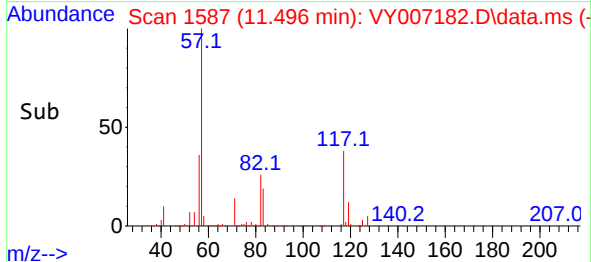
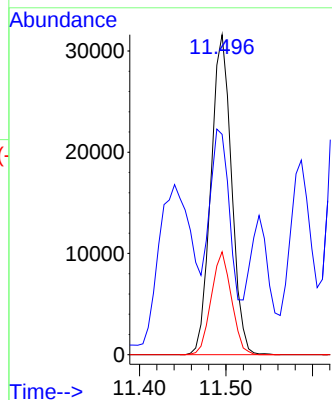
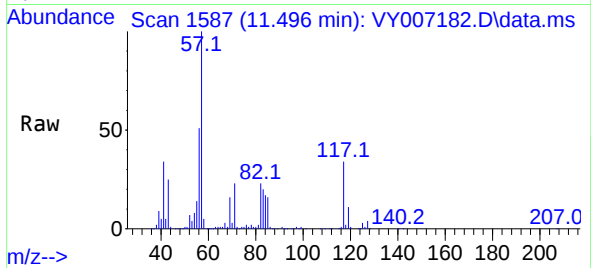




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

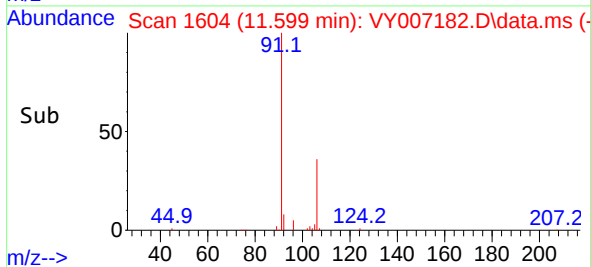
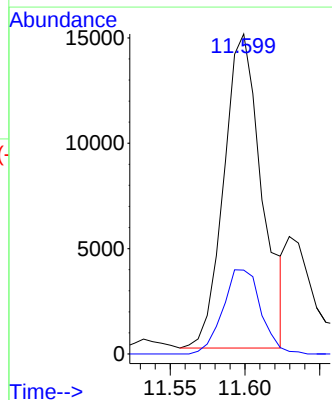
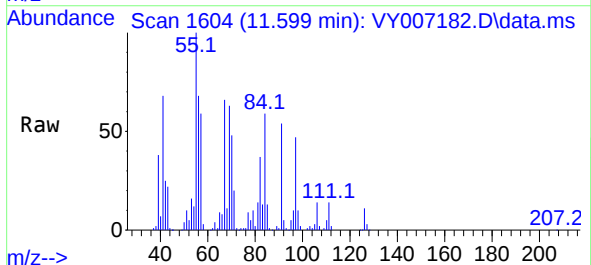
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MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALLRE

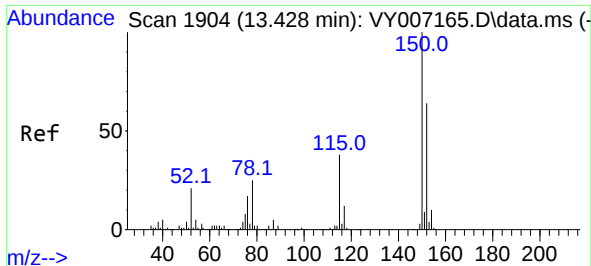
Tgt Ion:117 Resp: 52103
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.1 26.4 39.6



#67
Ethyl Benzene
Concen: 12.337 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

Tgt Ion: 91 Resp: 26416
Ion Ratio Lower Upper
91 100
106 26.7 23.9 35.9

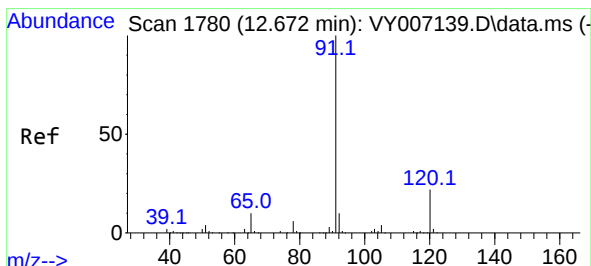
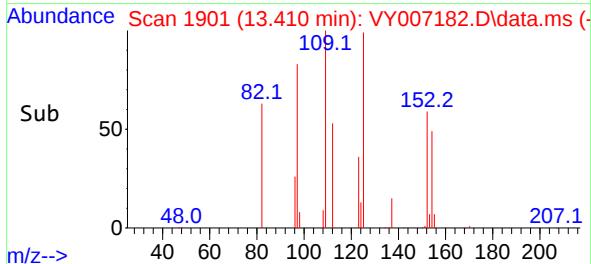
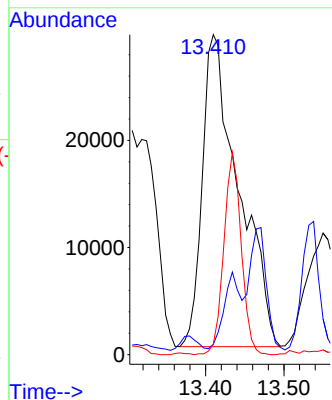
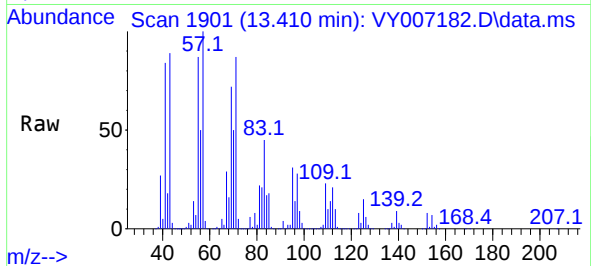




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

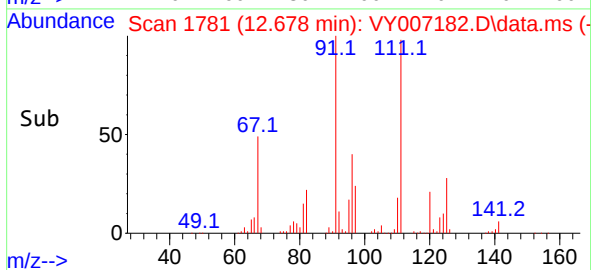
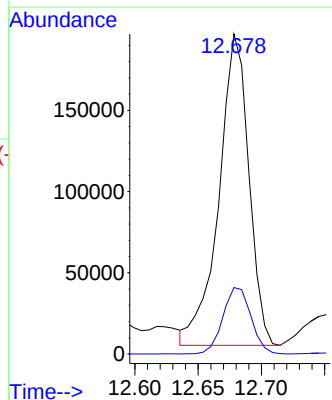
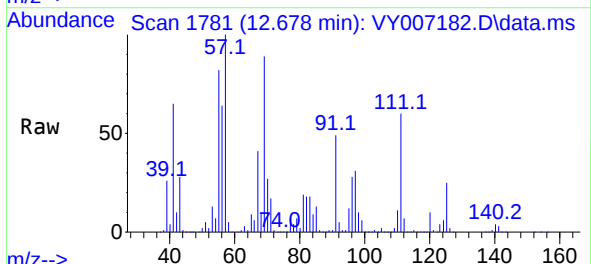
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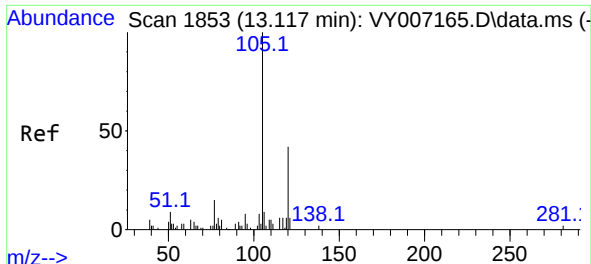
Tgt Ion:152 Resp: 93938
Ion Ratio Lower Upper
152 100
115 0.0 31.4 94.0#
150 0.0 0.0 348.4



#78
n-propylbenzene
Concen: 31.303 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

Tgt Ion: 91 Resp: 314844
Ion Ratio Lower Upper
91 100
120 20.1 11.2 33.5

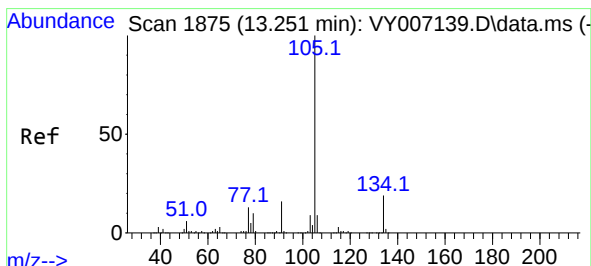
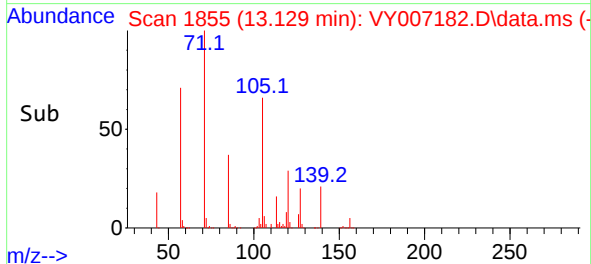
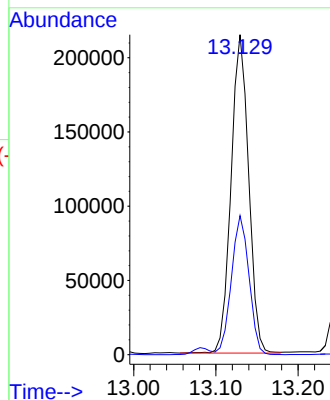
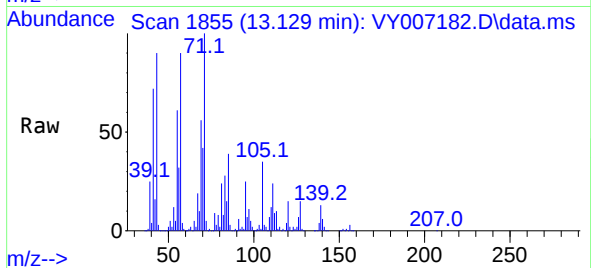




#84
1,2,4-Trimethylbenzene
Concen: 48.337 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

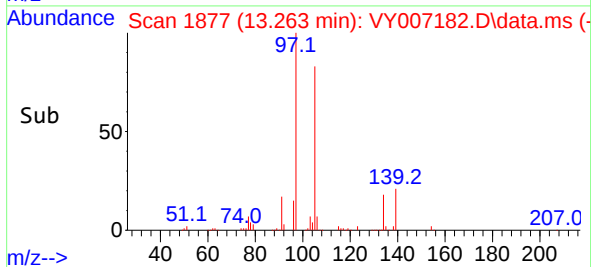
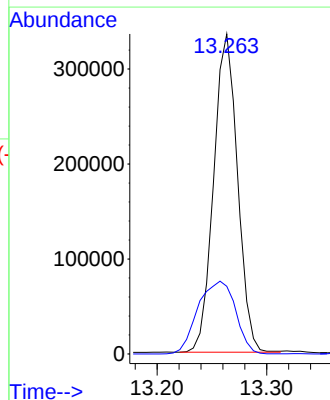
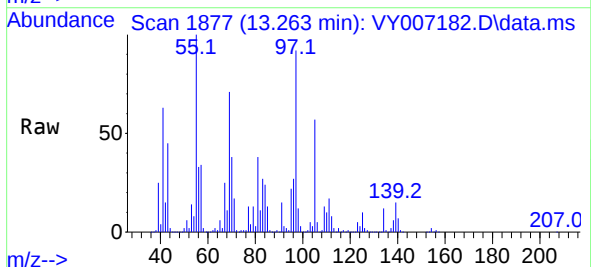
Instrument : MSVOA_Y
ClientSampleId : WEST-BOILER-ROOM-NORTH-SIDEWALLRE

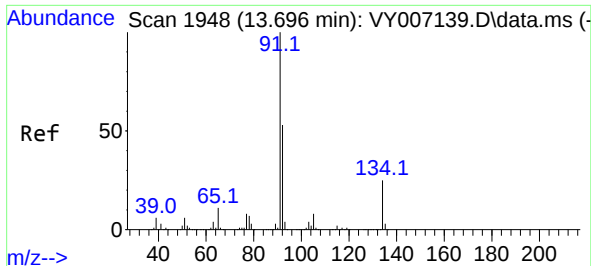
Tgt Ion:105 Resp: 319184
Ion Ratio Lower Upper
105 100
120 43.7 21.6 64.6



#85
sec-Butylbenzene
Concen: 58.943 ug/l
RT: 13.263 min Scan# 1877
Delta R.T. 0.013 min
Lab File: VY007182.D
Acq: 17 Jan 2022 12:40

Tgt Ion:105 Resp: 507598
Ion Ratio Lower Upper
105 100
134 36.0 9.9 29.7#





#89

n-Butylbenzene

Concen: 58.325 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY007182.D

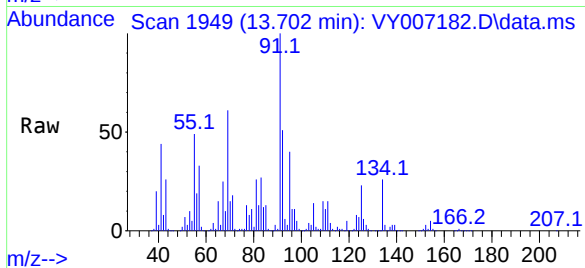
Acq: 17 Jan 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

WEST-BOILER-ROOM-NORTH-SIDEWALLRE



Tgt Ion: 91 Resp: 406420

Ion Ratio Lower Upper

91 100

92 47.7 26.9 80.6

134 45.6 12.6 37.6#

