

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007171.D
 Acq On : 14 Jan 2022 16:07
 Operator : SY/MD
 Sample : N1143-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-BOILER-ROOM-EAST-SIDEWALL

Quant Time: Jan 17 04:54:59 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)

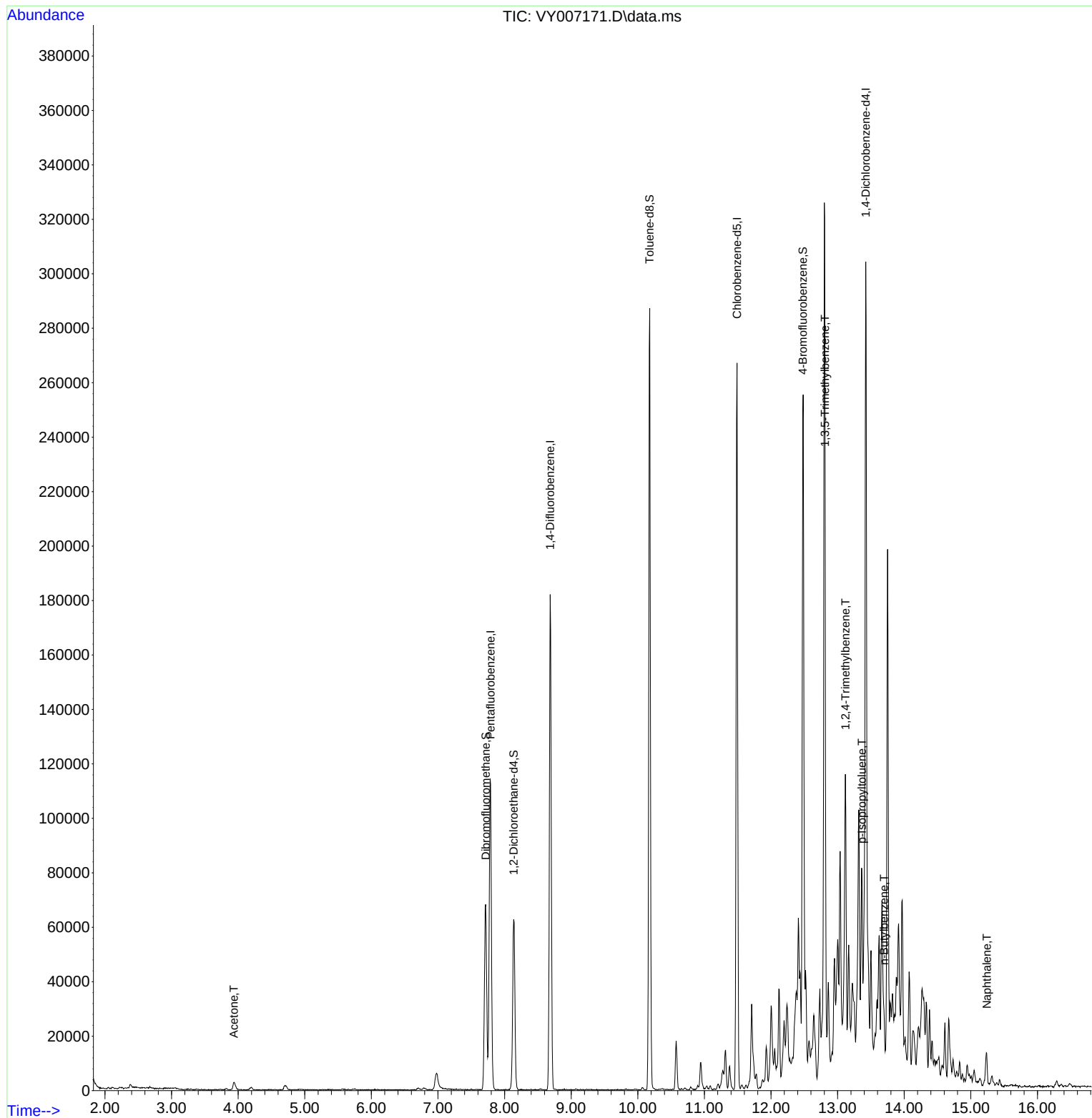
Internal Standards						
1) Pentafluorobenzene	7.789	168	85154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	151306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50364	48.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.716	113	48841	47.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.480%
50) Toluene-d8	10.179	98	184034	49.228	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.477	95	66601	50.083	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.160%
Target Compounds						
16) Acetone	3.936	43	5442	20.069	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	17162	3.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	51284	11.737	ug/l	97
86) p-Isopropyltoluene	13.367	119	6543	1.397	ug/l	95
89) n-Butylbenzene	13.696	91	7977	1.730	ug/l #	72
95) Naphthalene	15.239	128	9572	3.643	ug/l	99

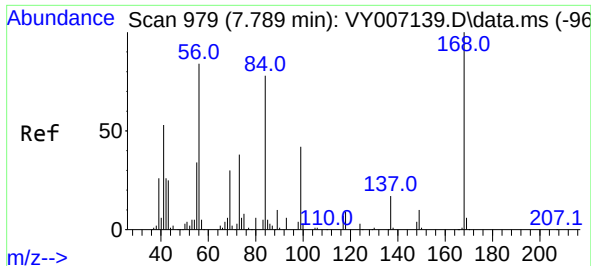
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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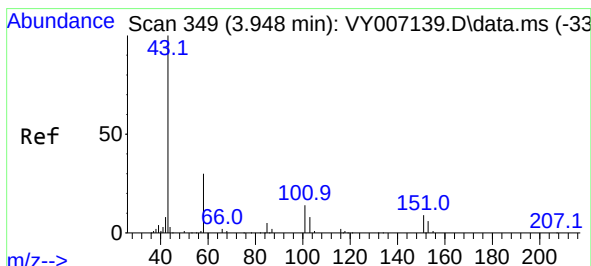
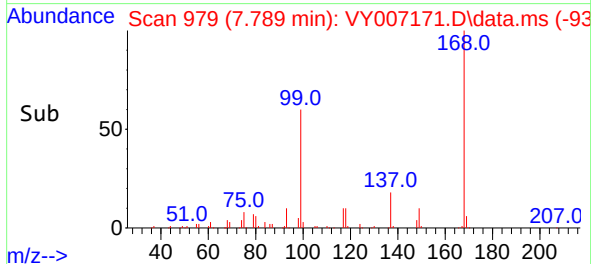
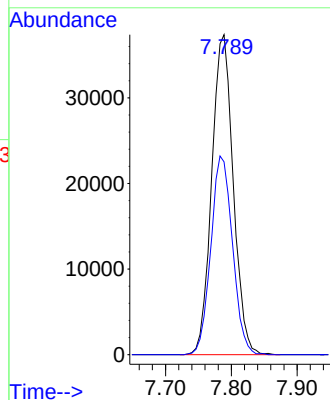
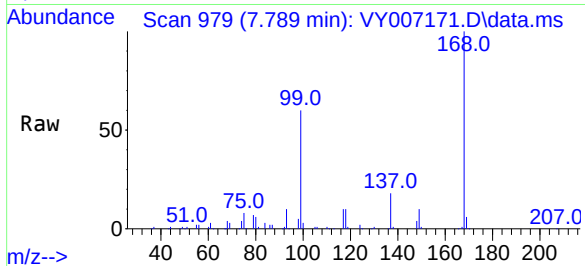




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

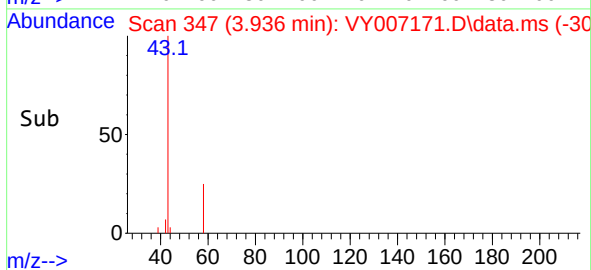
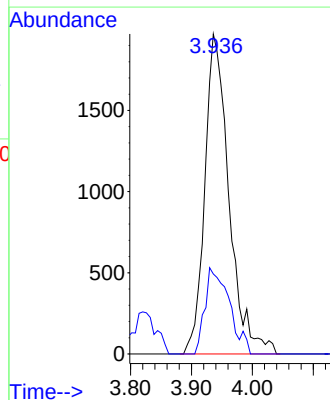
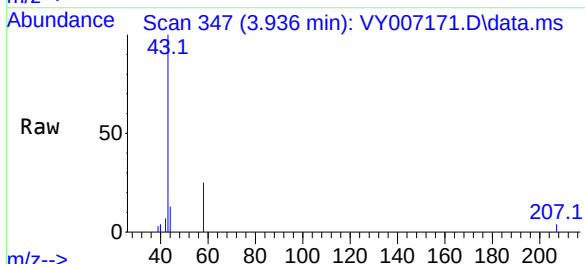
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-EAST-SIDEWALL

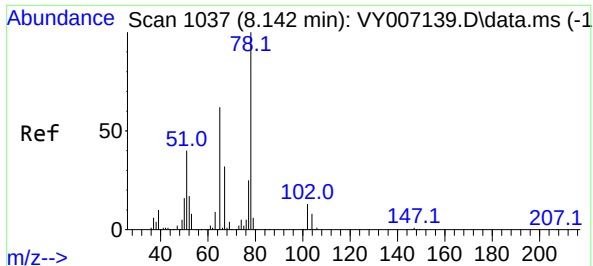
Tgt Ion:168 Resp: 85154
Ion Ratio Lower Upper
168 100
99 60.2 49.1 73.7



#16
Acetone
Concen: 20.069 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

Tgt Ion: 43 Resp: 5442
Ion Ratio Lower Upper
43 100
58 25.0 23.8 35.6

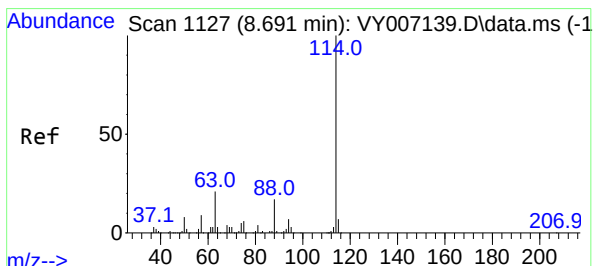
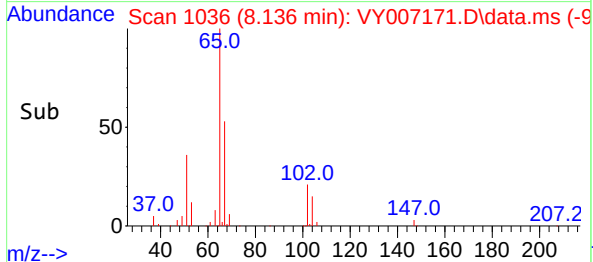
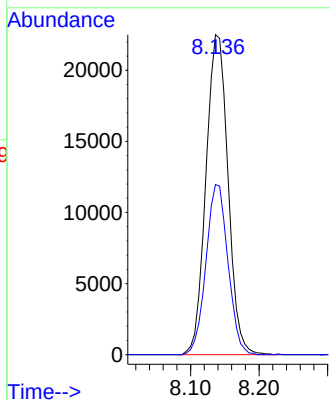
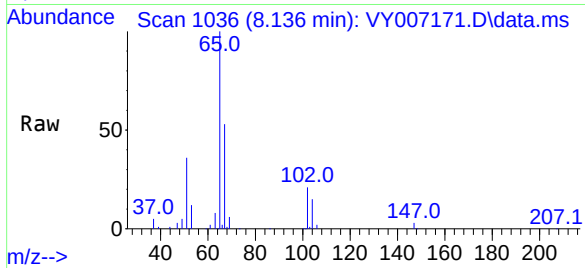




#33
1,2-Dichloroethane-d4
Concen: 48.202 ug/l
RT: 8.136 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

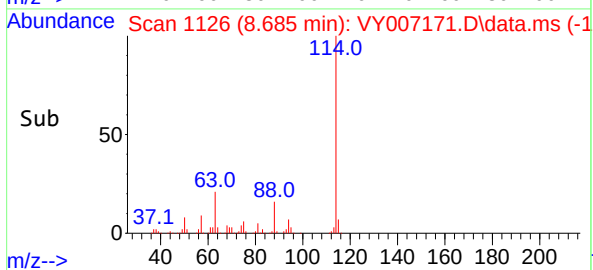
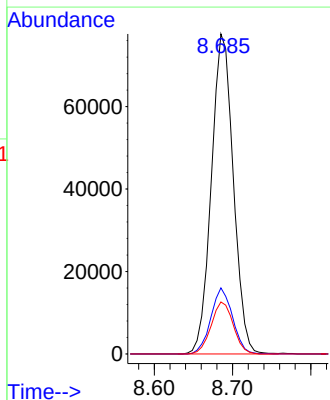
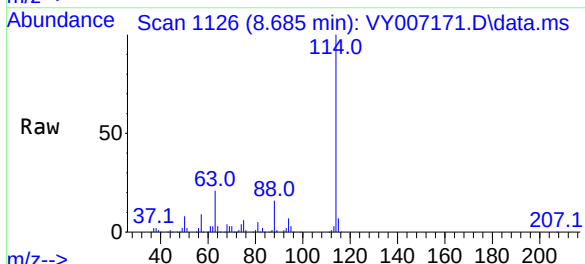
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-EAST-SIDEWALL

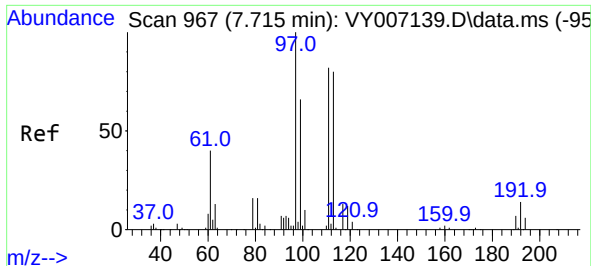
Tgt Ion: 65 Resp: 50364
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

Tgt Ion: 114 Resp: 151306
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.2
88 16.2 0.0 31.0

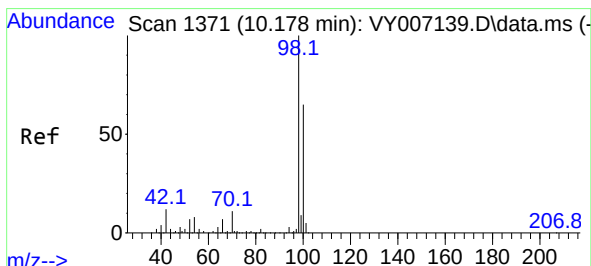
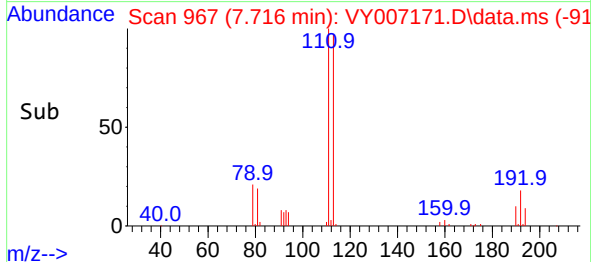
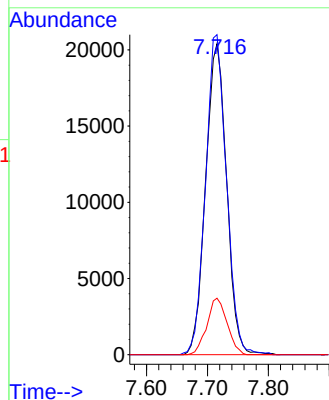
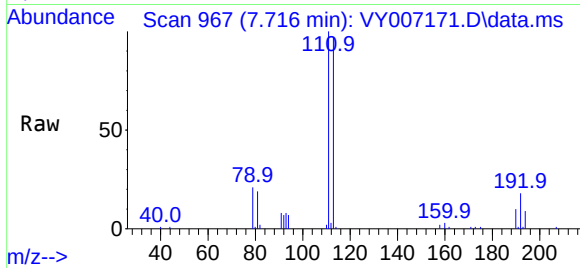




#35
Dibromofluoromethane
Concen: 47.738 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

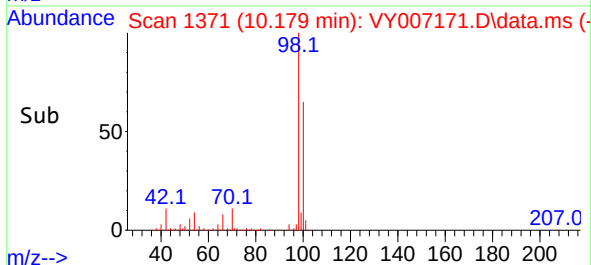
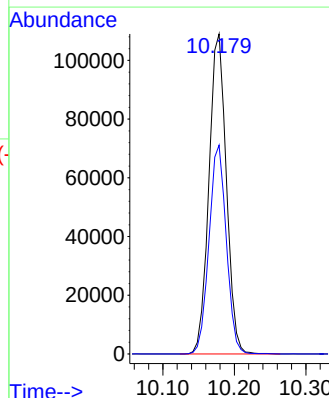
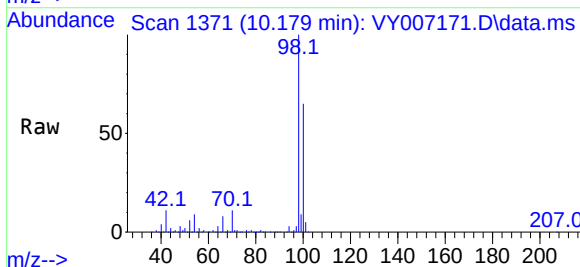
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-EAST-SIDEWALL

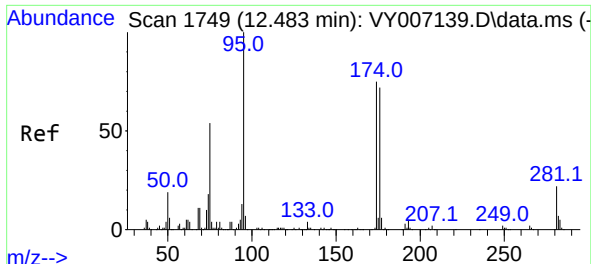
Tgt Ion:113 Resp: 48841
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.5 14.2 21.4



#50
Toluene-d8
Concen: 49.228 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

Tgt Ion: 98 Resp: 184034
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

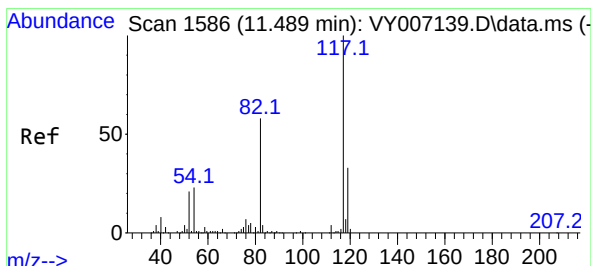
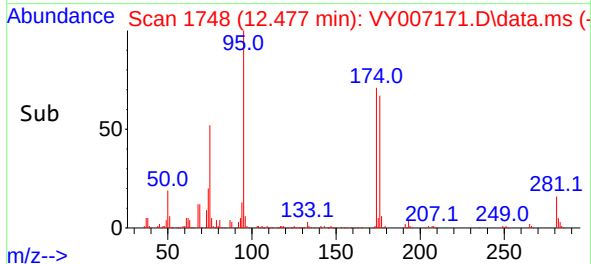
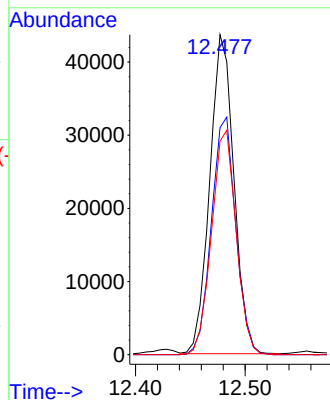
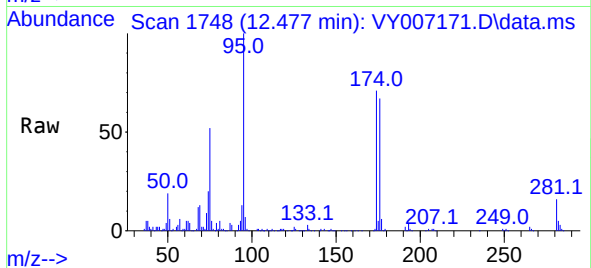




#62
4-Bromofluorobenzene
Concen: 50.083 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

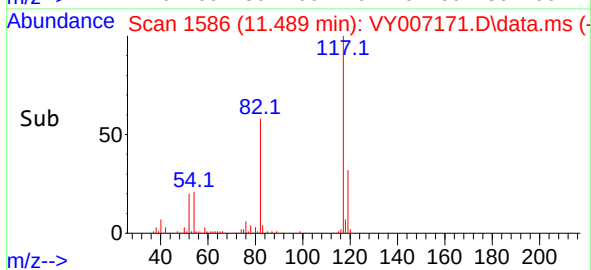
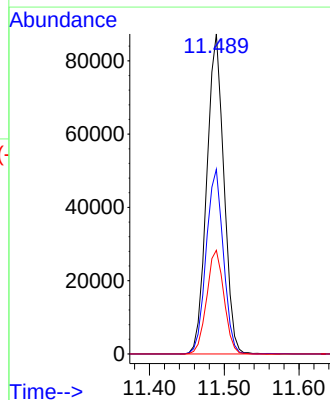
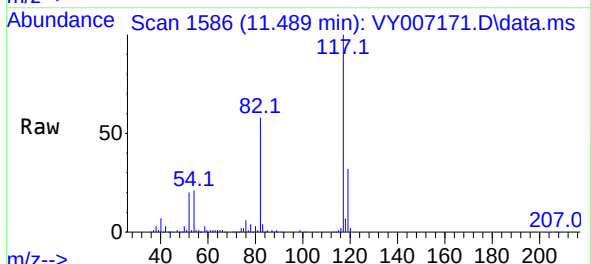
Instrument :
MSVOA_Y
ClientSampleId :
WEST-BOILER-ROOM-EAST-SIDEWALL

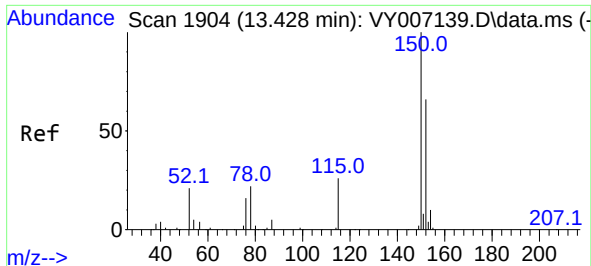
Tgt Ion: 95 Resp: 66601
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.4
176 71.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

Tgt Ion: 117 Resp: 138750
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.0
119 32.4 26.4 39.6

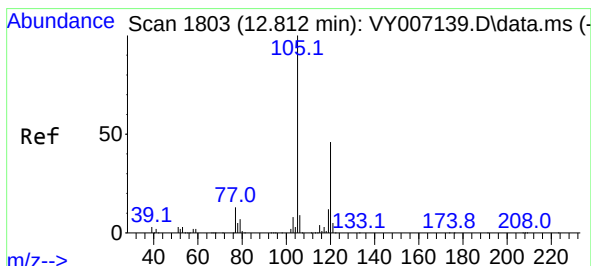
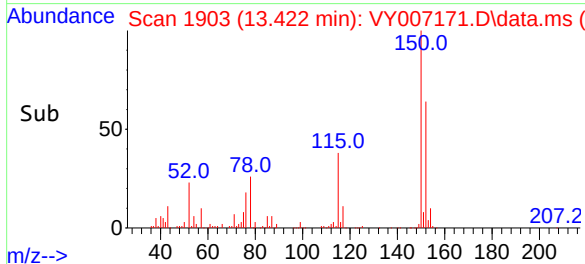
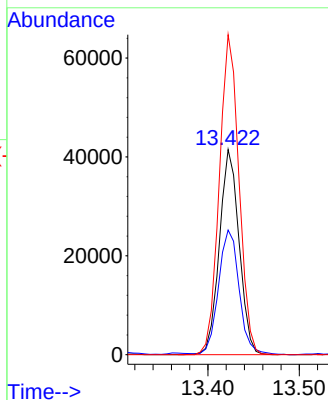
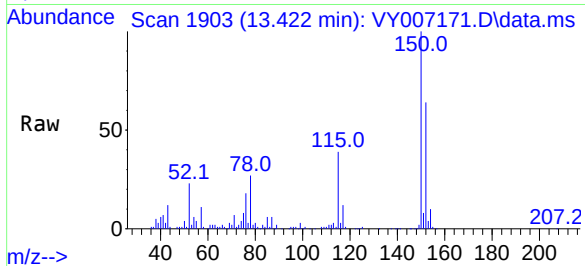




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

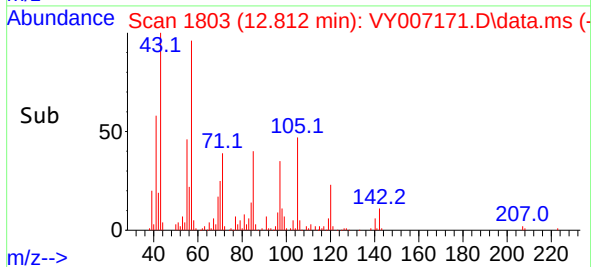
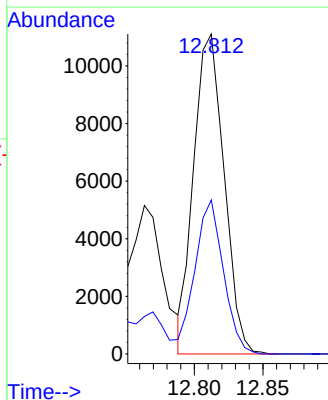
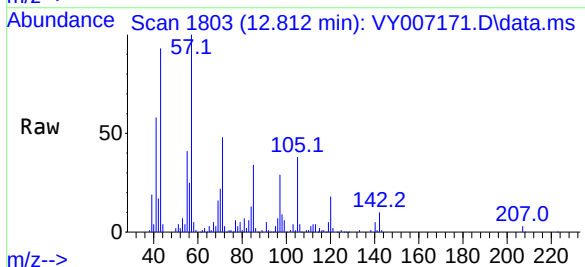
Instrument : MSVOA_Y
ClientSampleId : WEST-BOILER-ROOM-EAST-SIDEWALL

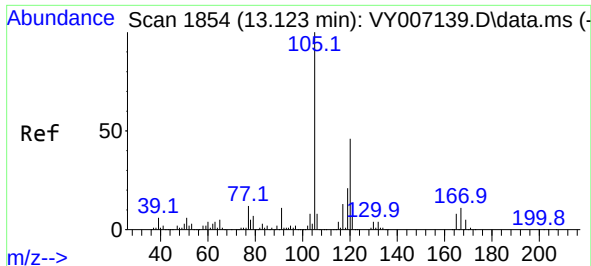
Tgt Ion:152 Resp: 62157
Ion Ratio Lower Upper
152 100
115 63.9 31.4 94.0
150 155.6 0.0 348.4



#80
1,3,5-Trimethylbenzene
Concen: 3.893 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

Tgt Ion:105 Resp: 17162
Ion Ratio Lower Upper
105 100
120 45.9 23.7 71.1

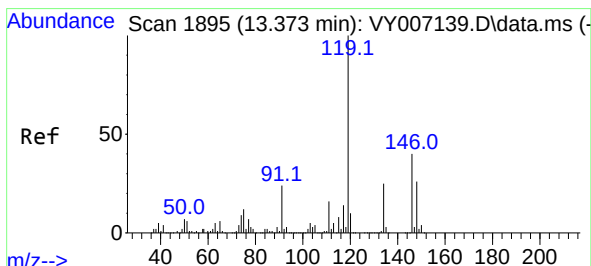
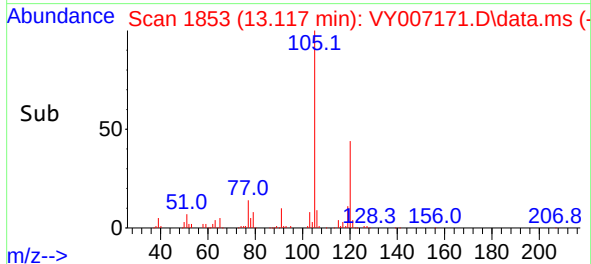
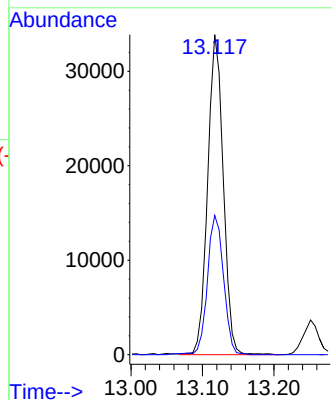
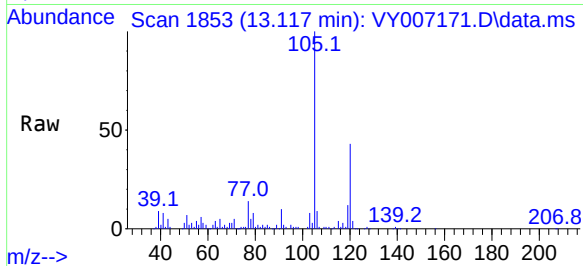




#84
1,2,4-Trimethylbenzene
Concen: 11.737 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

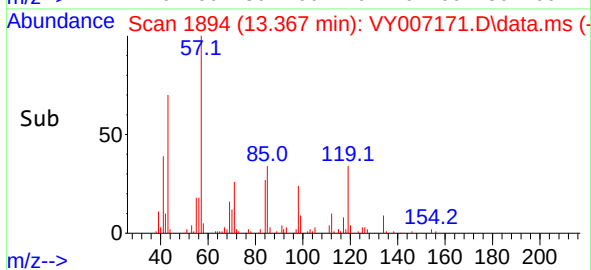
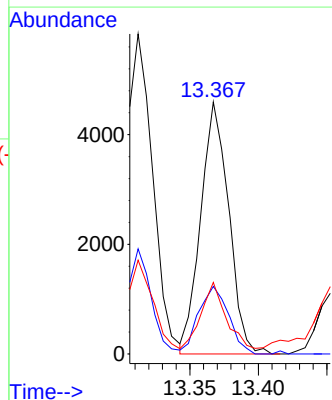
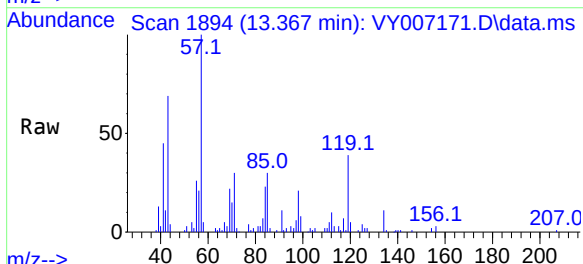
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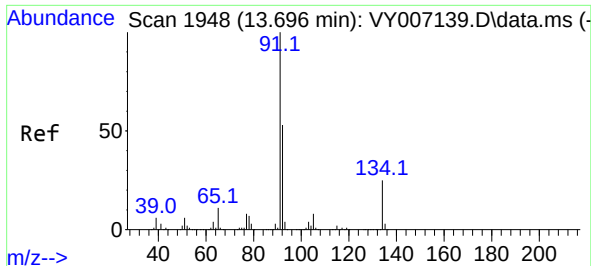
Tgt Ion:105 Resp: 51284
Ion Ratio Lower Upper
105 100
120 45.1 21.6 64.6



#86
p-Isopropyltoluene
Concen: 1.397 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

Tgt Ion:119 Resp: 6543
Ion Ratio Lower Upper
119 100
134 28.6 12.9 38.7
91 23.0 12.4 37.2

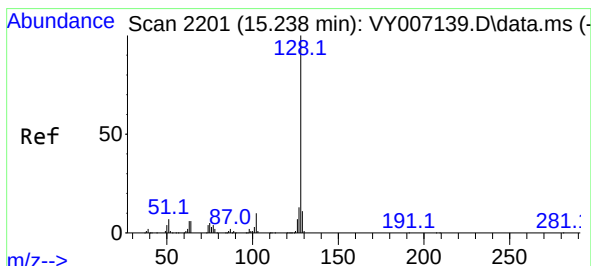
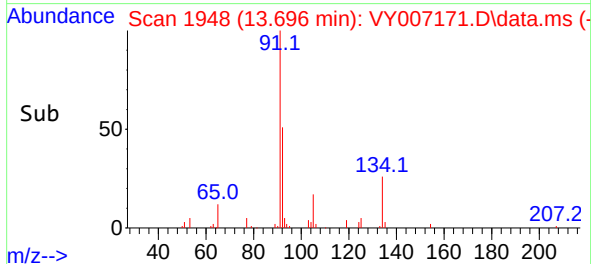
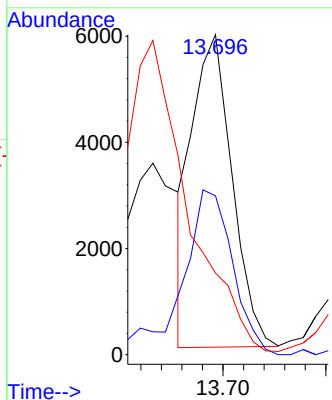
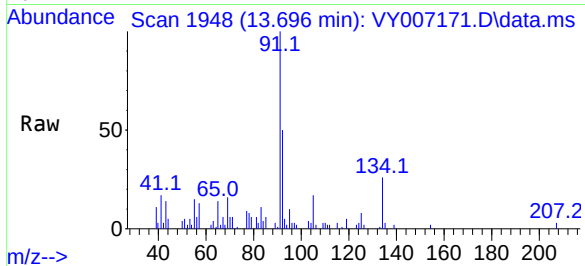




#89
n-Butylbenzene
Concen: 1.730 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

Instrument : MSVOA_Y
ClientSampleId : WEST-BOILER-ROOM-EAST-SIDEWALL

Tgt Ion:	91	Resp:	7977
Ion	Ratio	Lower	Upper
91	100		
92	66.0	26.9	80.6
134	0.0	12.6	37.6#



#95
Naphthalene
Concen: 3.643 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY007171.D
Acq: 14 Jan 2022 16:07

Tgt Ion:	128	Resp:	9572
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.4	8.9	13.3

