

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004787.D
 Acq On : 14 May 2021 16:54
 Operator : SY/MD
 Sample : M2389-07
 Misc : 7.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CASINO-AVE-4-6

Quant Time: May 15 03:59:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

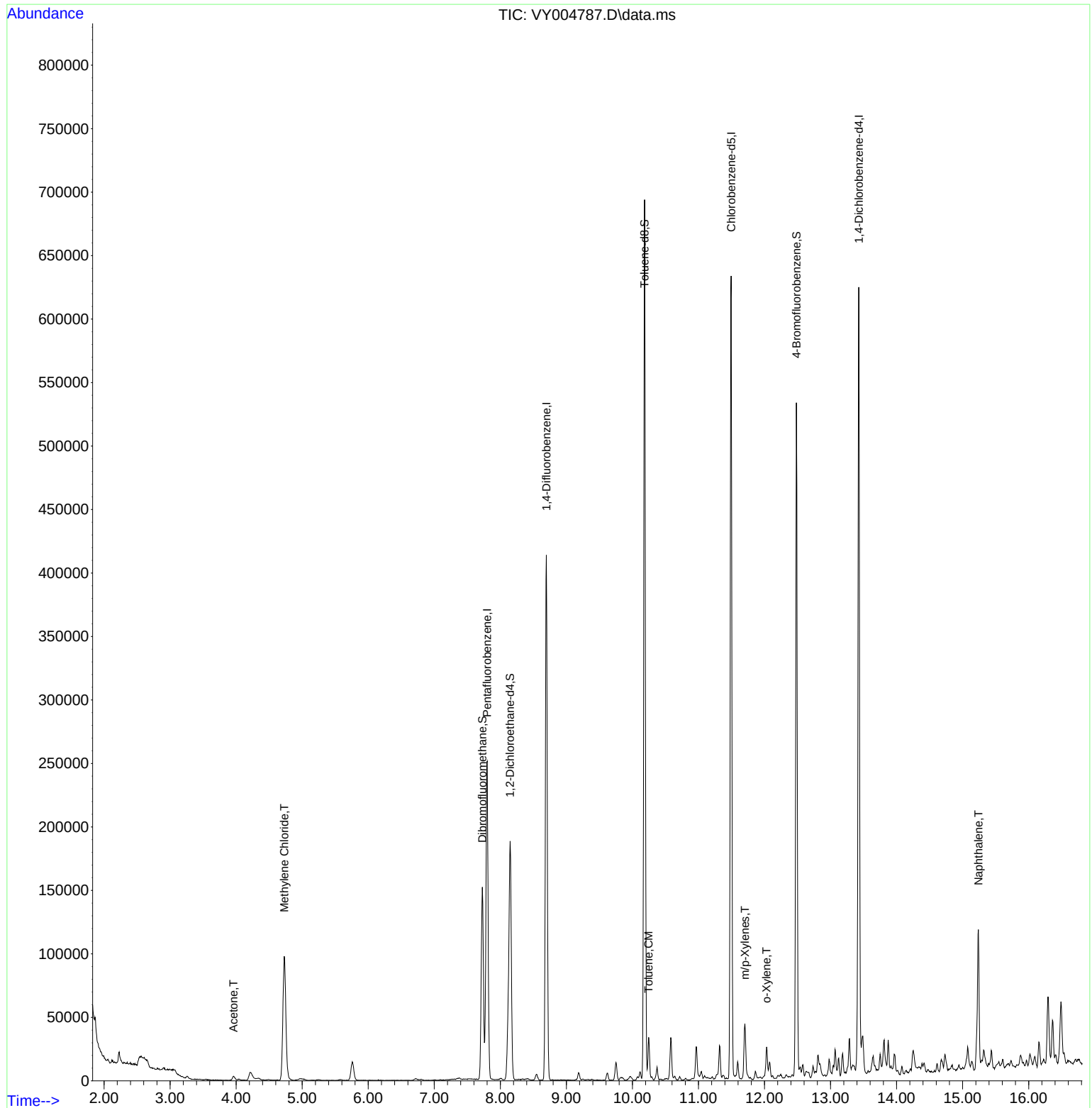
Internal Standards						
1) Pentafluorobenzene	7.801	168	183953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	324961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130705	59.69	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 119.38%		
35) Dibromofluoromethane	7.728	113	104348	56.66	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.32%		
50) Toluene-d8	10.185	98	416517	50.06	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.12%		
62) 4-Bromofluorobenzene	12.483	95	149531	53.25	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 106.50%		
Target Compounds						
						Qvalue
16) Acetone	3.960	43	5532	11.25	ug/l	95
20) Methylene Chloride	4.729	84	69417	26.42	ug/l	98
52) Toluene	10.246	92	12333	2.00	ug/l	98
68) m/p-Xylenes	11.703	106	11889	2.55	ug/l	100
69) o-Xylene	12.032	106	5241	1.20	ug/l	99
95) Naphthalene	15.239	128	84735	14.22	ug/l	99

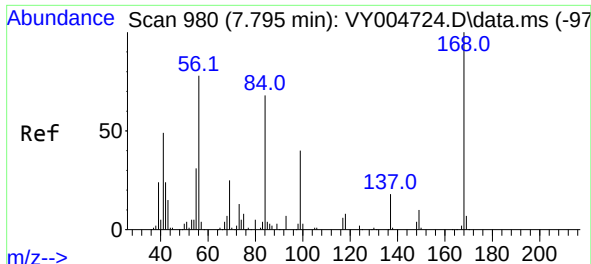
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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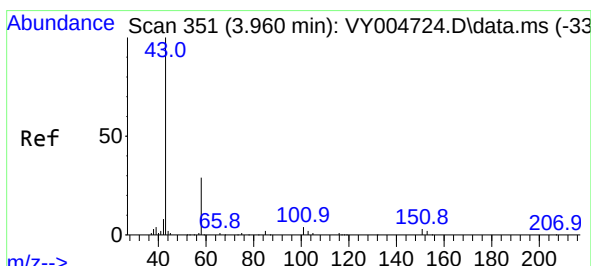
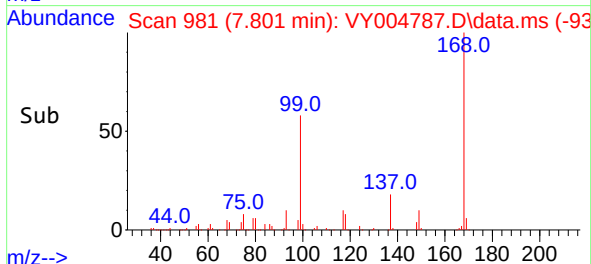
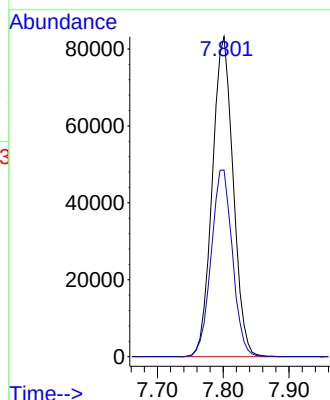
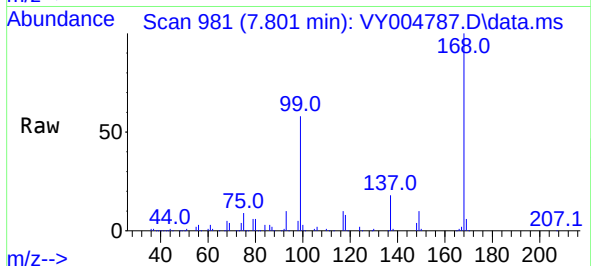




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

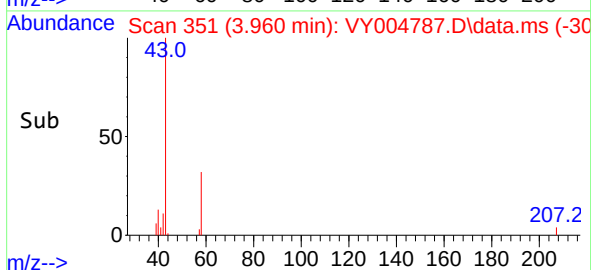
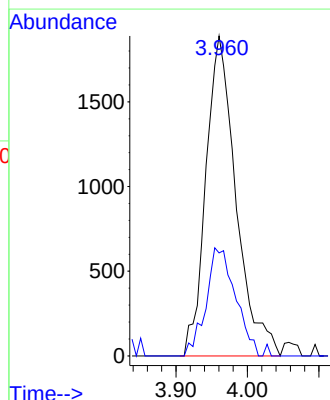
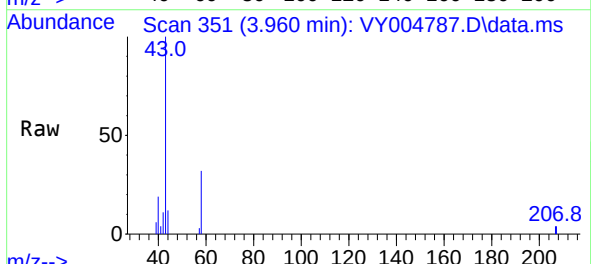
Instrument :
MSVOA_Y
ClientSampleId :
CASINO-AVE-4-6

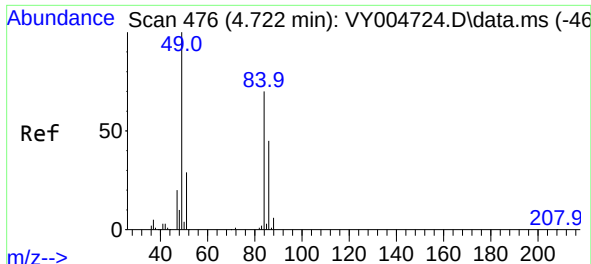
Tgt Ion:168 Resp: 183953
Ion Ratio Lower Upper
168 100
99 58.3 45.6 68.4



#16
Acetone
Concen: 11.25 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion: 43 Resp: 5532
Ion Ratio Lower Upper
43 100
58 32.2 23.6 35.4



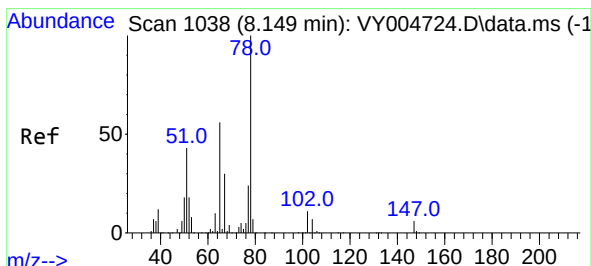
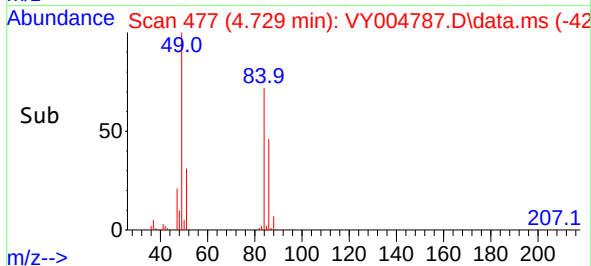
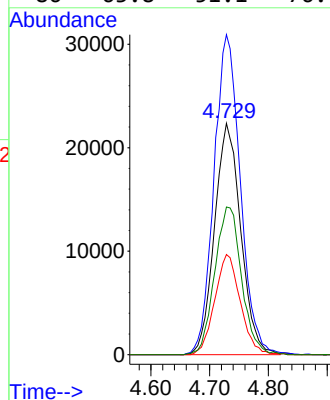
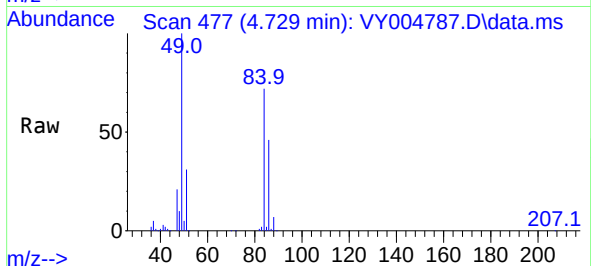


#20
Methylene Chloride
Concen: 26.42 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :
CASINO-AVE-4-6

Tgt Ion: 84 Resp: 69417

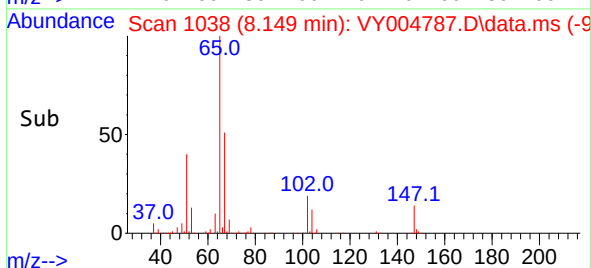
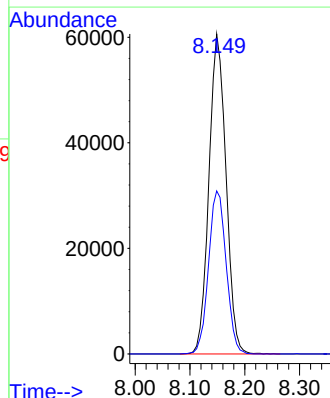
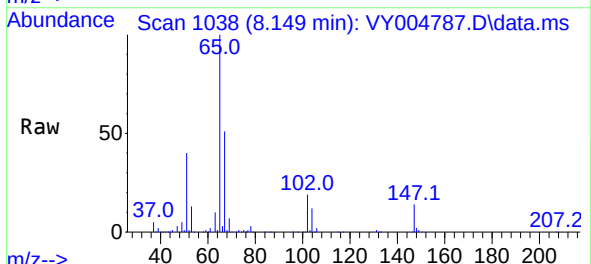
Ion	Ratio	Lower	Upper
84	100		
49	138.3	113.8	170.8
51	43.3	33.5	50.3
86	63.8	51.1	76.7

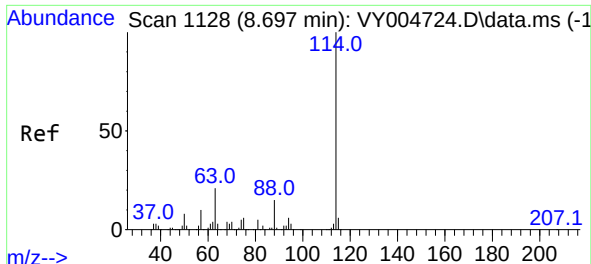


#33
1,2-Dichloroethane-d4
Concen: 59.69 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion: 65 Resp: 130705

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

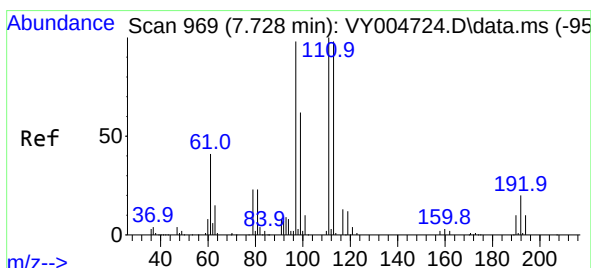
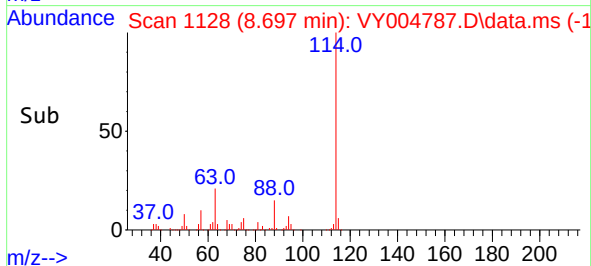
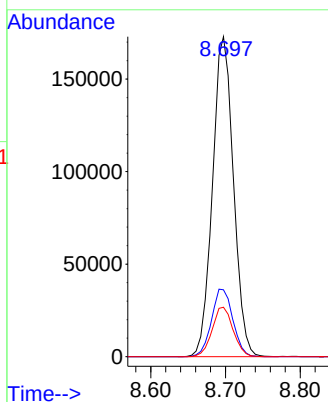
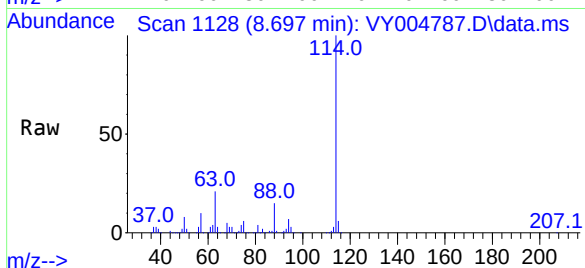
Lab File: VY004787.D

Acq: 14 May 2021 16:54

Tgt Ion:114 Resp: 336433

Ion Ratio Lower Upper

114	100		
63	20.9	0.0	42.8
88	15.4	0.0	31.0



#35

Dibromofluoromethane

Concen: 56.66 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

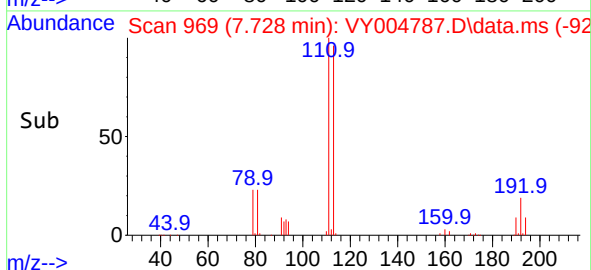
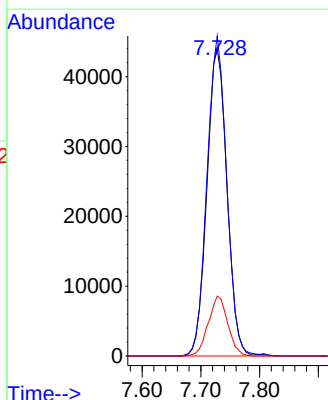
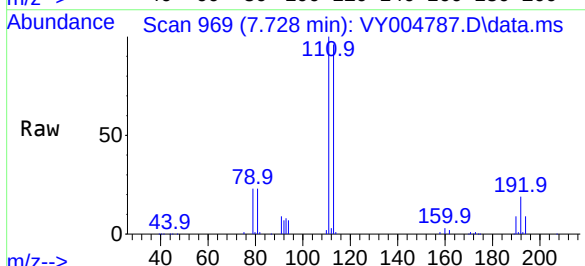
Lab File: VY004787.D

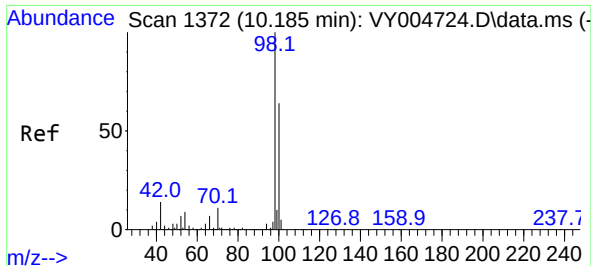
Acq: 14 May 2021 16:54

Tgt Ion:113 Resp: 104348

Ion Ratio Lower Upper

113	100		
111	102.6	80.5	120.7
192	18.9	15.0	22.6

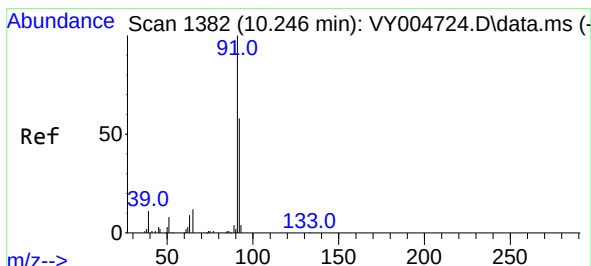
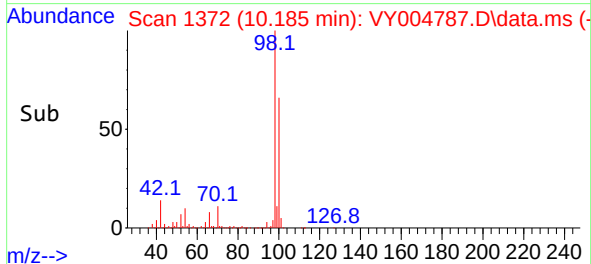
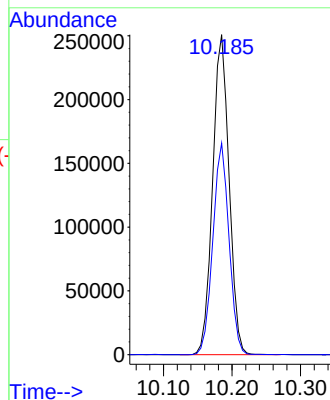
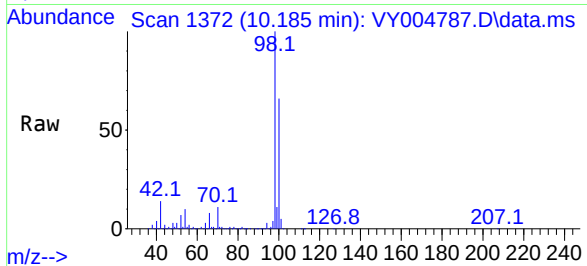




#50
Toluene-d8
Concen: 50.06 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

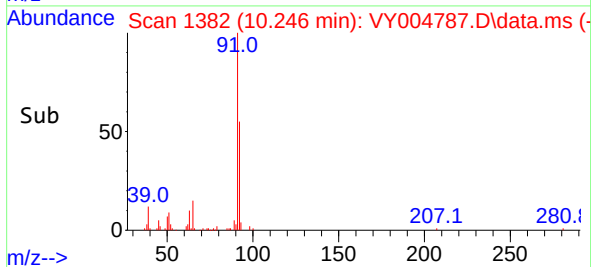
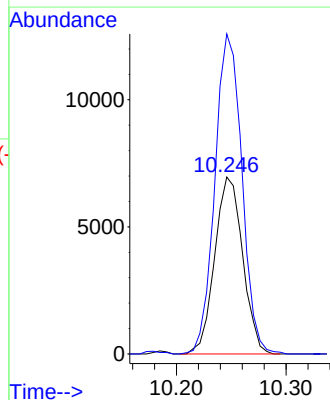
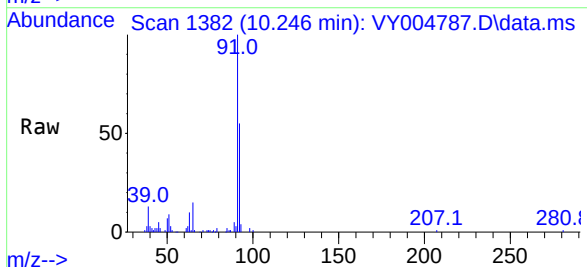
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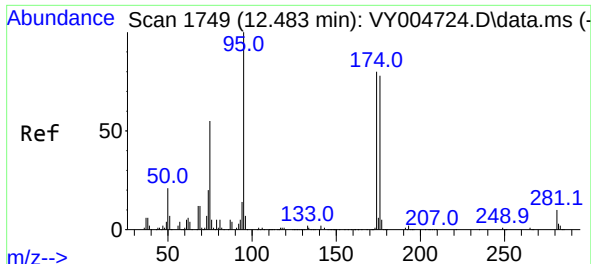
Tgt Ion: 98 Resp: 416517
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#52
Toluene
Concen: 2.00 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion: 92 Resp: 12333
Ion Ratio Lower Upper
92 100
91 174.9 138.2 207.4

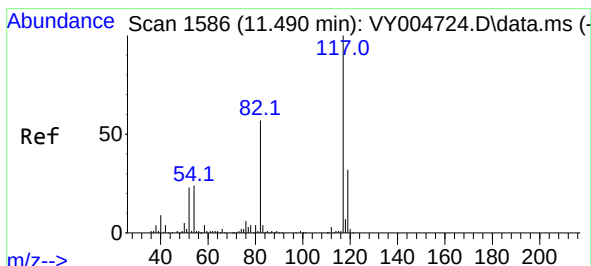
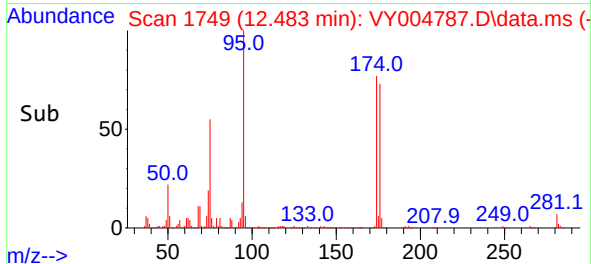
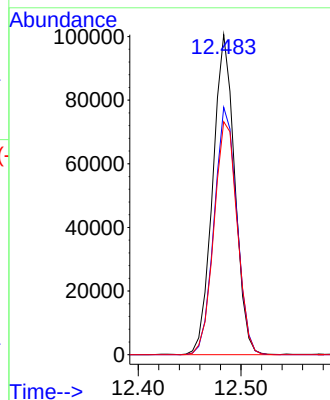
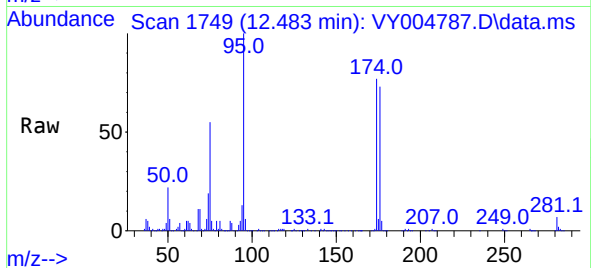




#62
4-Bromofluorobenzene
Concen: 53.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

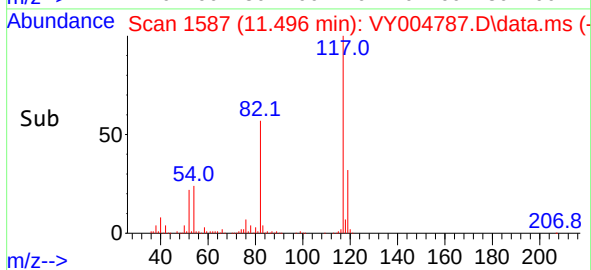
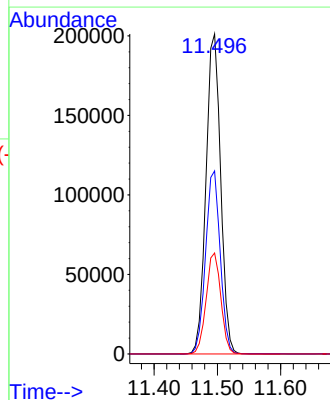
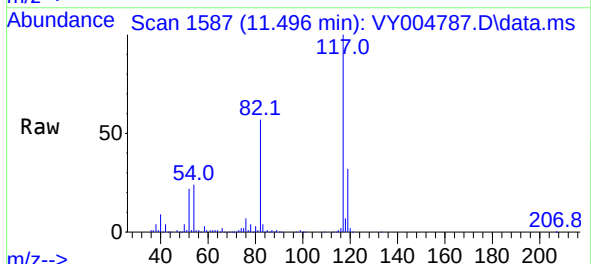
Instrument :
MSVOA_Y
ClientSampleId :
CASINO-AVE-4-6

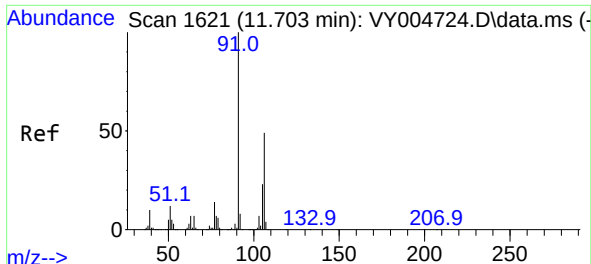
Tgt Ion:	95	Resp:	149531
Ion Ratio	Lower	Upper	
95	100		
174	79.3	0.0	164.2
176	76.8	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion:	117	Resp:	324961
Ion Ratio	Lower	Upper	
117	100		
82	57.2	45.4	68.2
119	31.5	25.8	38.6

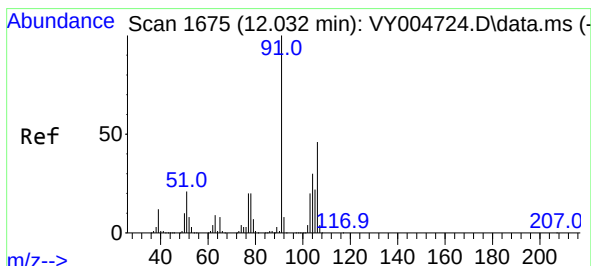
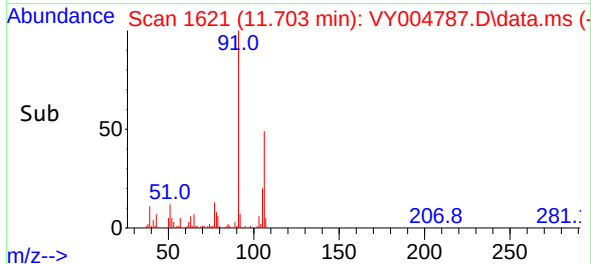
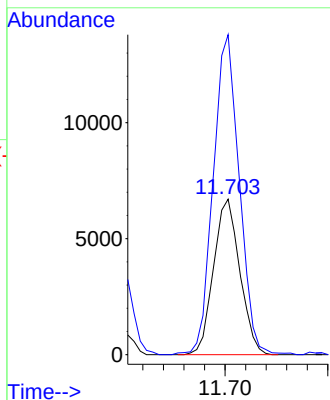
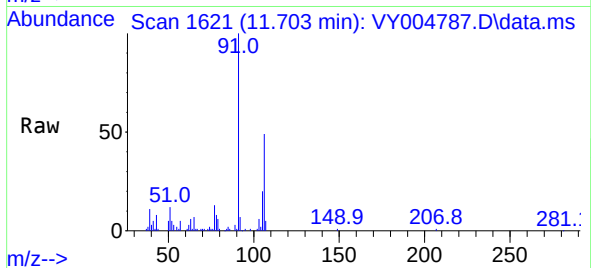




#68
m/p-Xylenes
Concen: 2.55 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

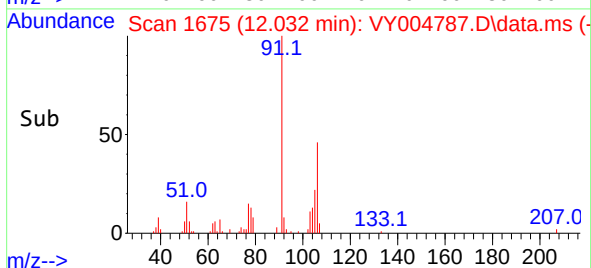
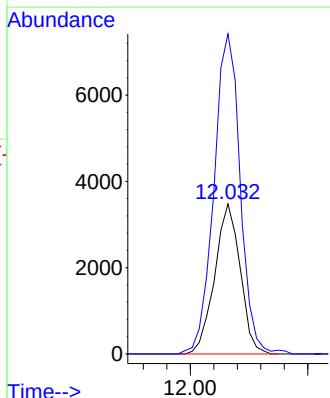
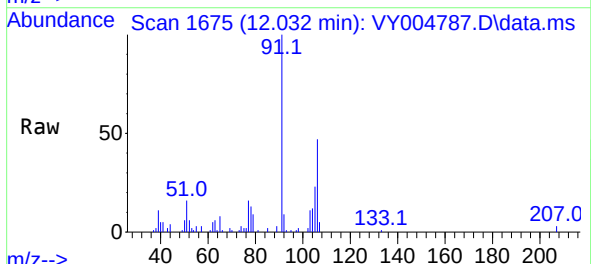
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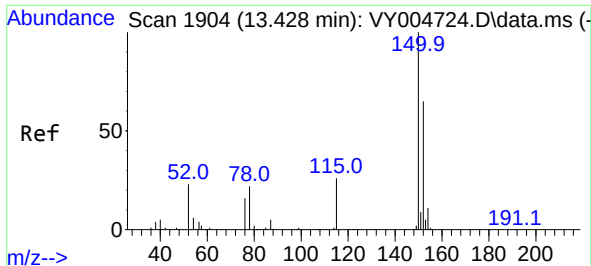
Tgt Ion:106 Resp: 11889
Ion Ratio Lower Upper
106 100
91 203.8 163.6 245.4



#69
o-Xylene
Concen: 1.20 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion:106 Resp: 5241
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.7

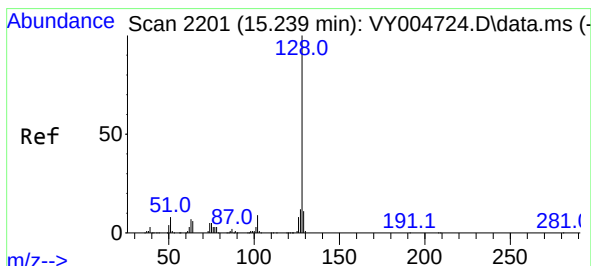
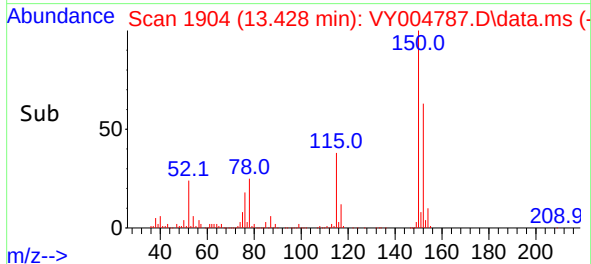
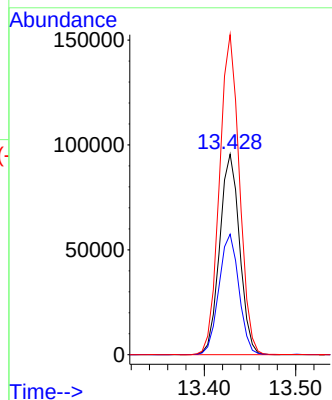
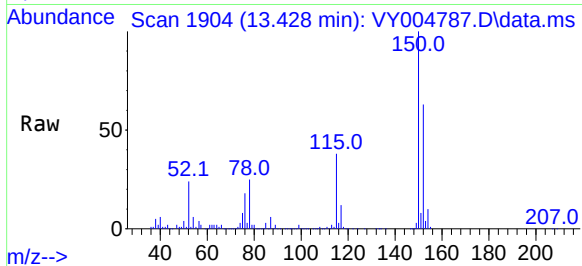




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :
CASINO-AVE-4-6

Tgt Ion:152 Resp: 145078
Ion Ratio Lower Upper
152 100
115 60.5 29.4 88.3
150 159.6 0.0 349.8



#95
Naphthalene
Concen: 14.22 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004787.D
Acq: 14 May 2021 16:54

Tgt Ion:128 Resp: 84735
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.7 8.6 13.0

