

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004785.D
 Acq On : 14 May 2021 16:08
 Operator : SY/MD
 Sample : M2389-05
 Misc : 7.98G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CASINO-AVE-1-2

Quant Time: May 15 03:59:19 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)

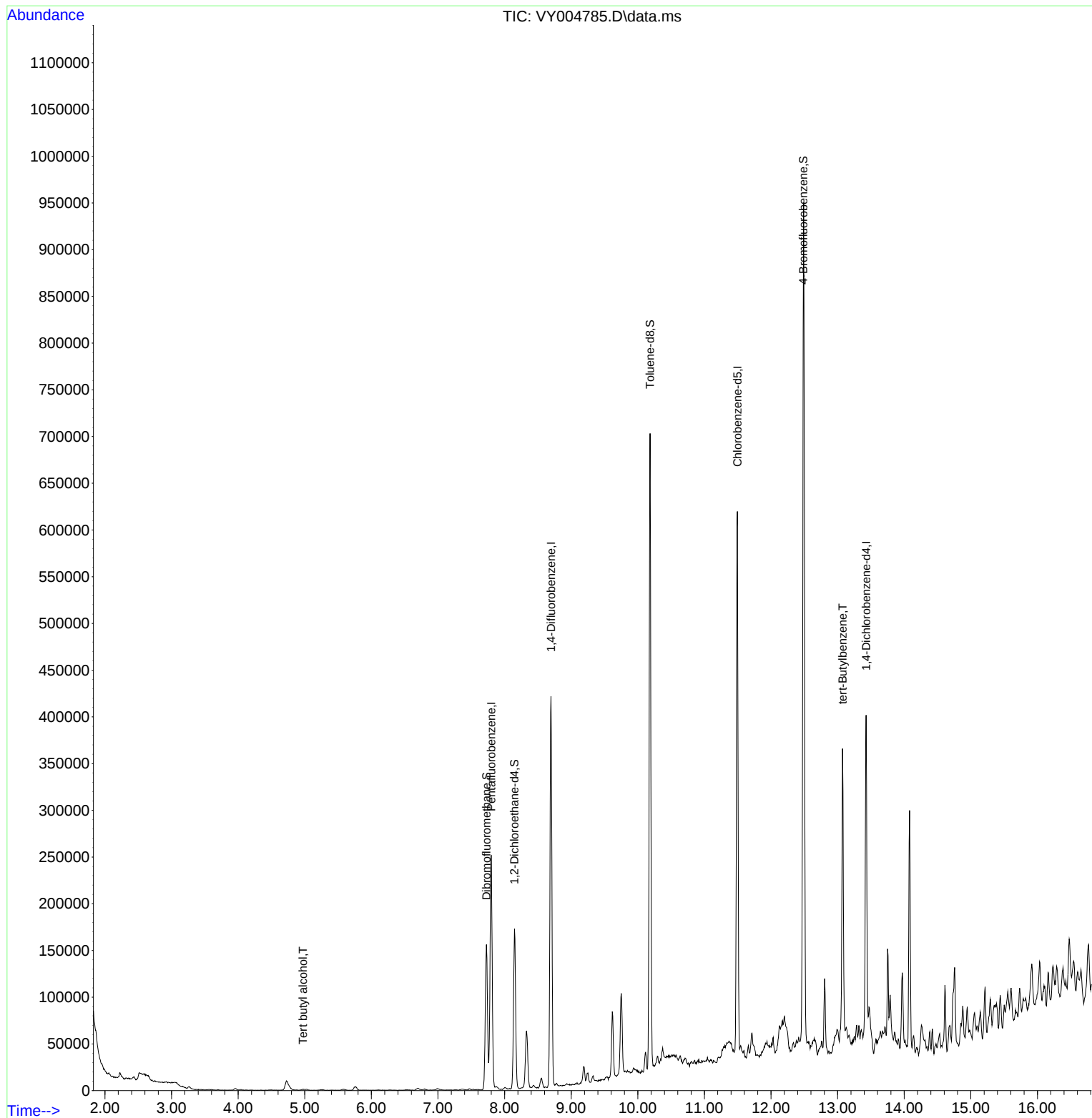
Internal Standards						
1) Pentafluorobenzene	7.801	168	185027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	300486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132020	59.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.88%
35) Dibromofluoromethane	7.728	113	106532	56.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.14%
50) Toluene-d8	10.185	98	422689	49.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.38%
62) 4-Bromofluorobenzene	12.483	95	119359	41.57	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.14%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	2329	10.52	ug/l #	74
83) tert-Butylbenzene	13.075	119	130537	30.23	ug/l	97

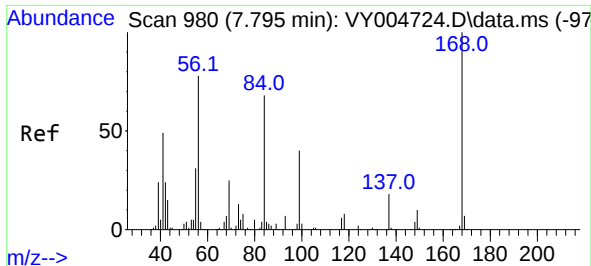
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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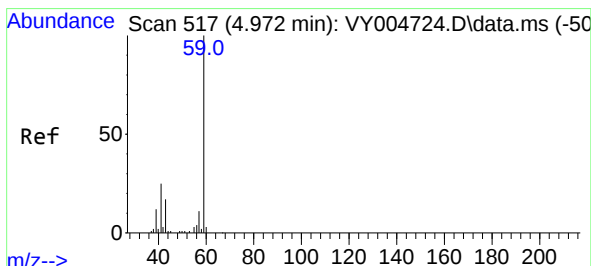
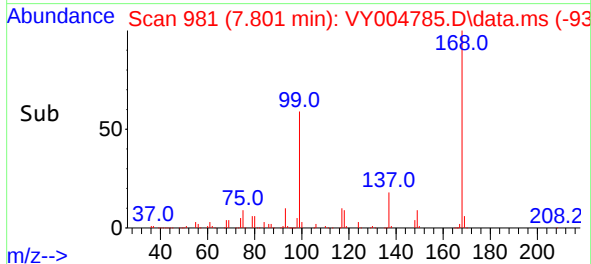
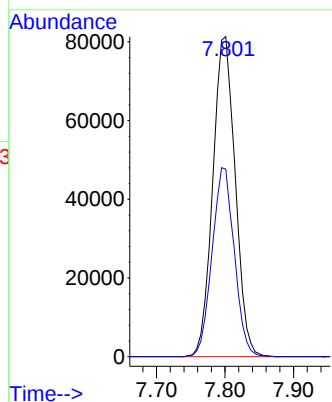
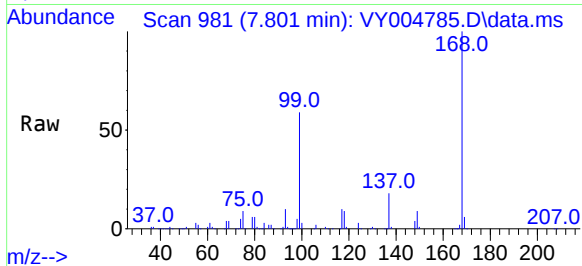




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

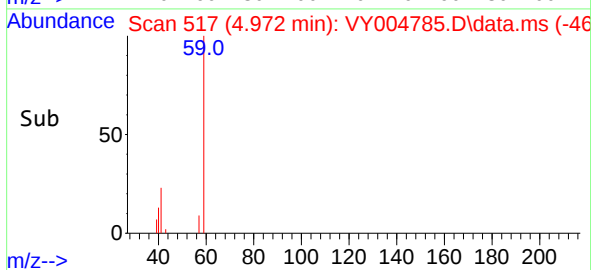
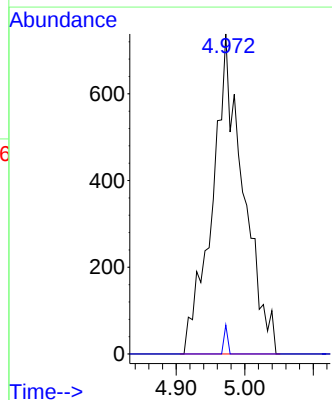
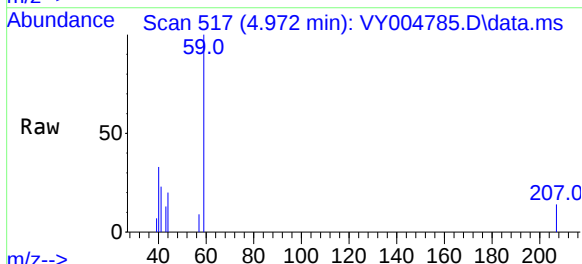
Instrument :
MSVOA_Y
ClientSampleId :
CASINO-AVE-1-2

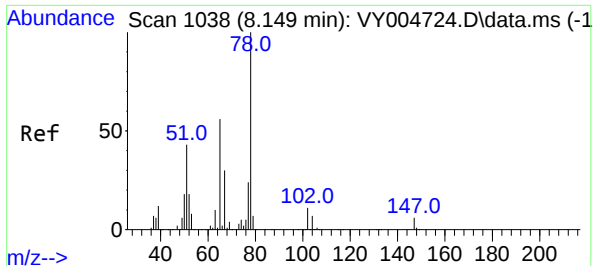
Tgt Ion:168 Resp: 185027
Ion Ratio Lower Upper
168 100
99 58.6 45.6 68.4



#11
Tert butyl alcohol
Concen: 10.52 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

Tgt Ion: 59 Resp: 2329
Ion Ratio Lower Upper
59 100
57 1.1 8.7 13.1#

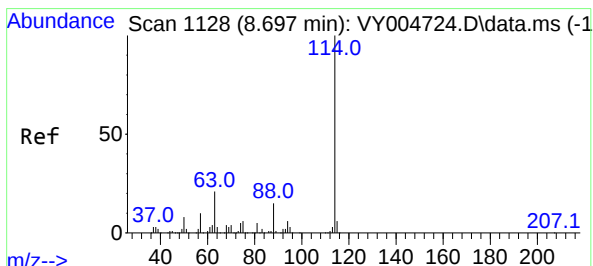
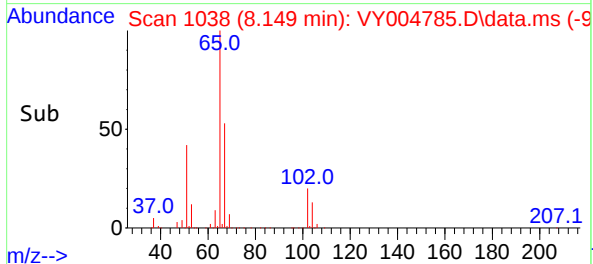
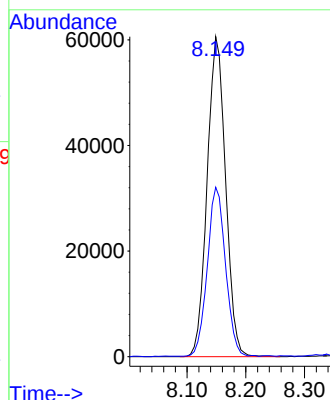
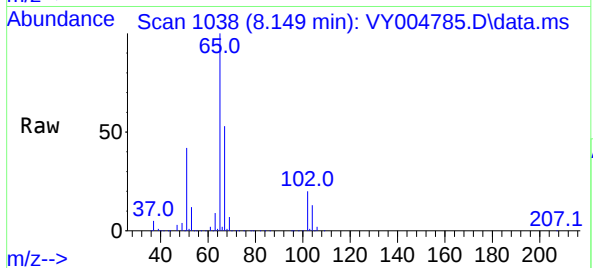




#33
1,2-Dichloroethane-d4
Concen: 59.94 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

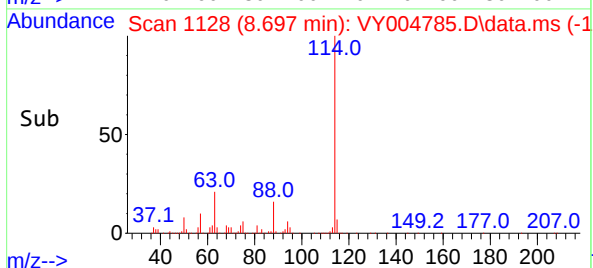
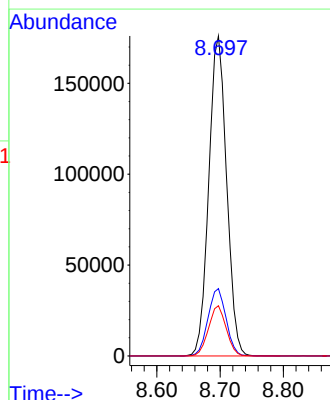
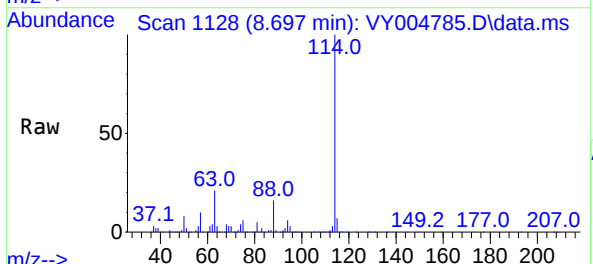
Instrument :
MSVOA_Y
ClientSampleId :
CASINO-AVE-1-2

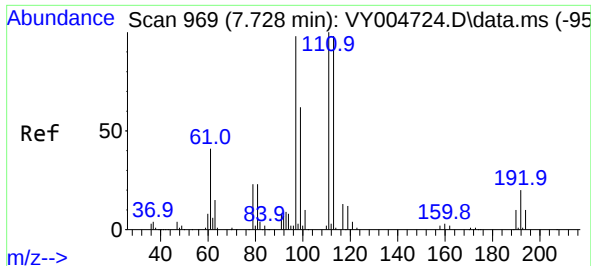
Tgt Ion: 65 Resp: 132020
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

Tgt Ion:114 Resp: 343980
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 15.7 0.0 31.0

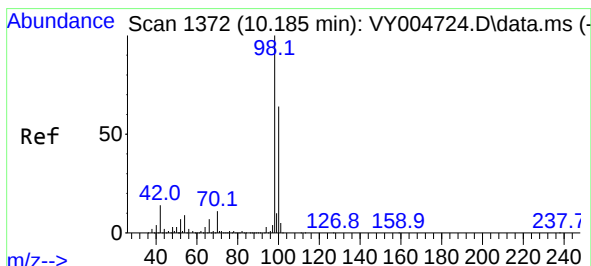
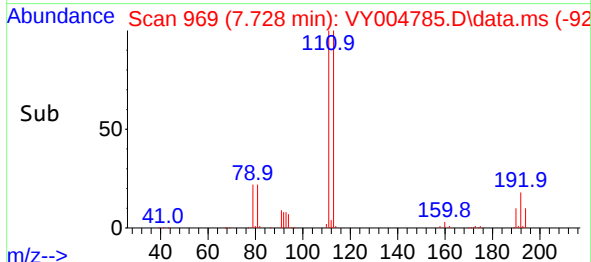
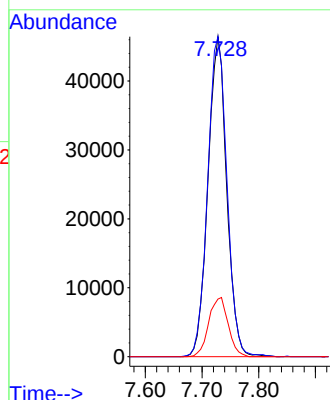
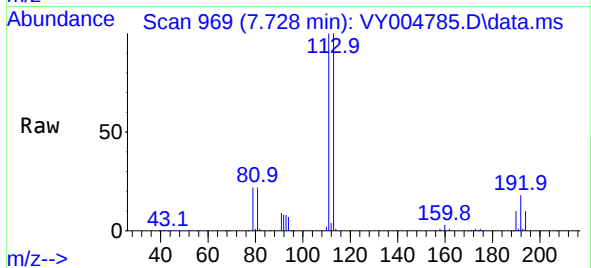




#35
Dibromofluoromethane
Concen: 56.57 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

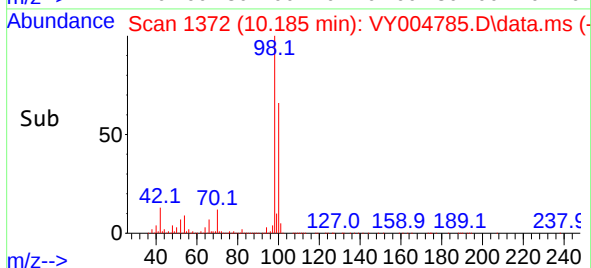
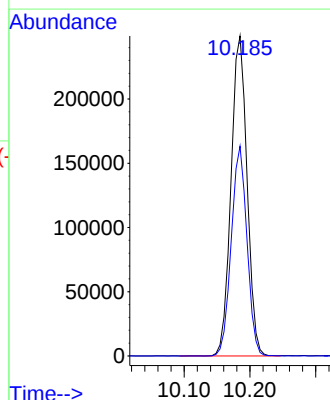
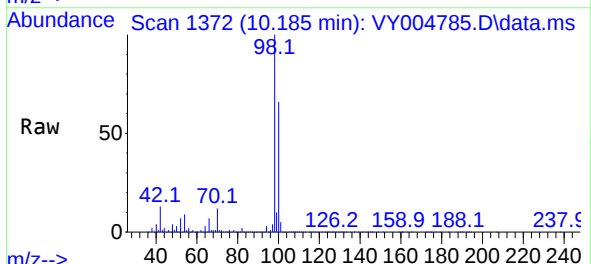
Instrument :
MSVOA_Y
ClientSampleId :
CASINO-AVE-1-2

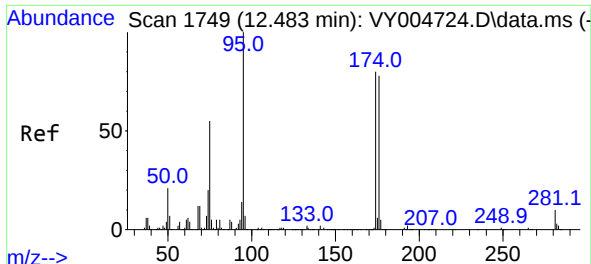
Tgt Ion:113 Resp: 106532
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 19.2 15.0 22.6



#50
Toluene-d8
Concen: 49.69 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

Tgt Ion: 98 Resp: 422689
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

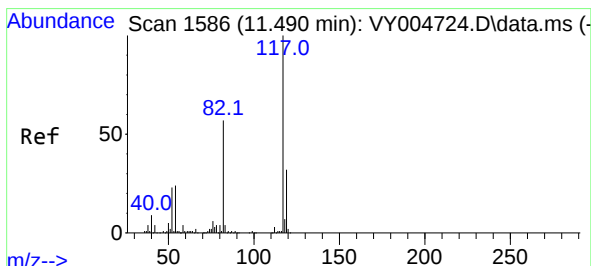
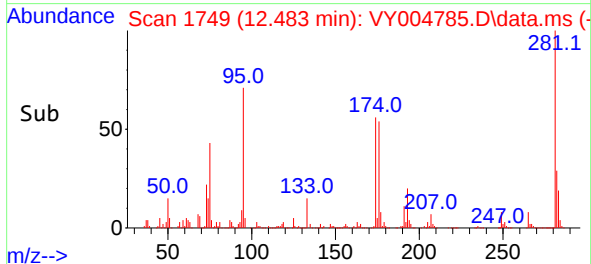
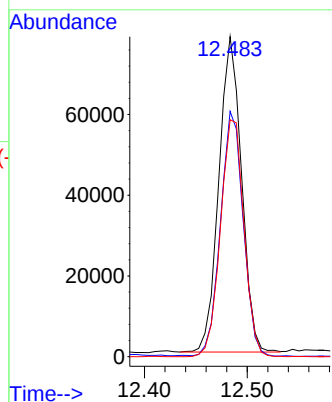
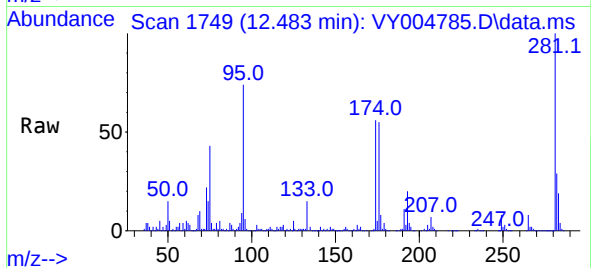




#62
4-Bromofluorobenzene
Concen: 41.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

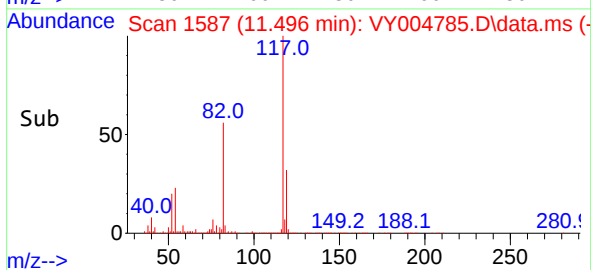
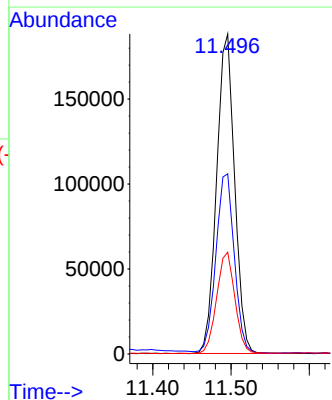
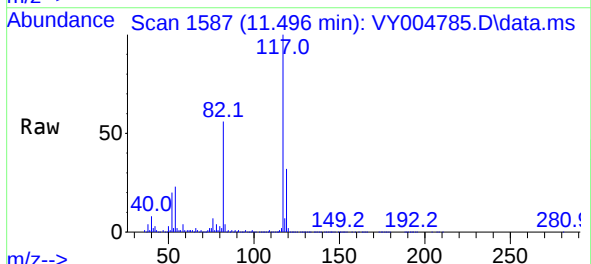
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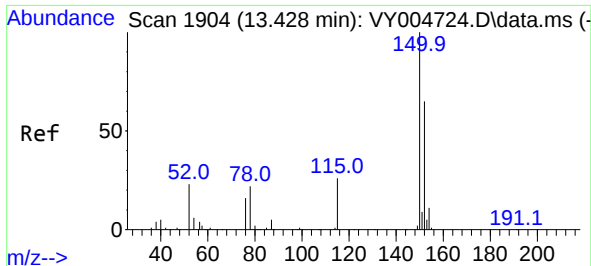
Tgt Ion: 95 Resp: 119359
Ion Ratio Lower Upper
95 100
174 78.1 0.0 164.2
176 77.7 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

Tgt Ion: 117 Resp: 300486
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.6 25.8 38.6

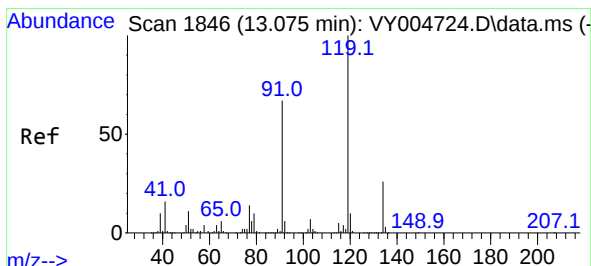
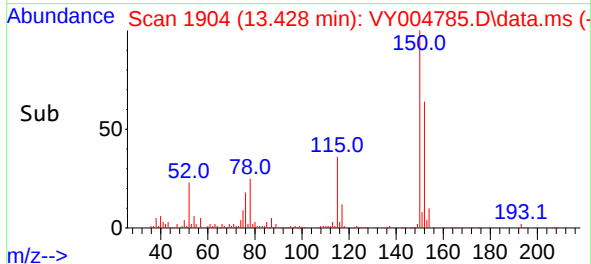
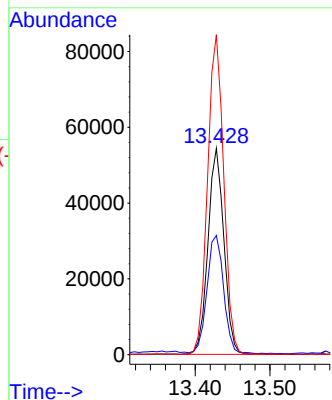
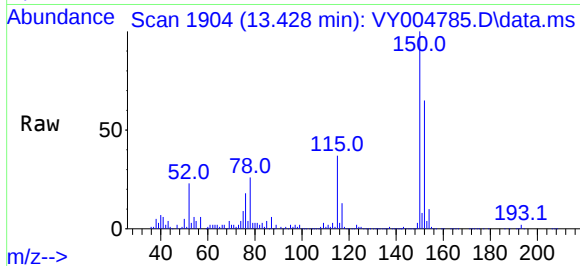




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

Instrument :
MSVOA_Y
ClientSampleId :
CASINO-AVE-1-2

Tgt Ion:152 Resp: 80722
Ion Ratio Lower Upper
152 100
115 59.8 29.4 88.3
150 157.0 0.0 349.8



#83
tert-Butylbenzene
Concen: 30.23 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY004785.D
Acq: 14 May 2021 16:08

Tgt Ion:119 Resp: 130537
Ion Ratio Lower Upper
119 100
91 67.4 32.3 96.8
134 26.4 12.9 38.7

