

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069175.D
 Acq On : 14 May 2021 14:30
 Operator : VA/SY
 Sample : M2389-07
 Misc : 6.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 15 02:34:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

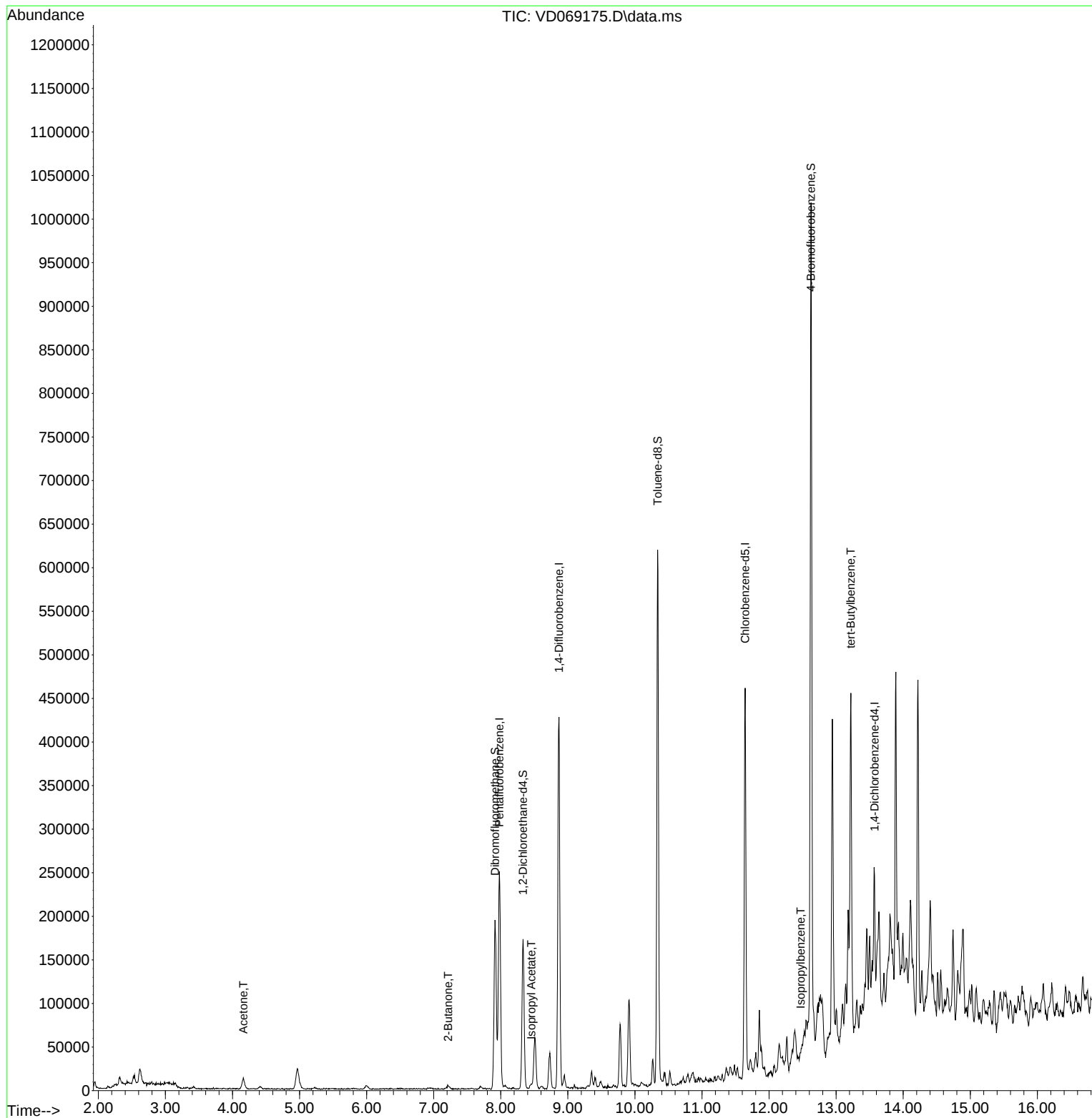
Internal Standards						
1) Pentafluorobenzene	7.979	168	180931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	385617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	261419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	30356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133558	73.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.26%			
35) Dibromofluoromethane	7.914	113	139190	55.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.94%			
50) Toluene-d8	10.338	98	424678	46.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.12%			
62) 4-Bromofluorobenzene	12.626	95	70353	23.71	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 47.42%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	19916	71.69	ug/l	97
25) 2-Butanone	7.214	43	3484	9.26	ug/l #	66
43) Isopropyl Acetate	8.455	43	4931	2.25	ug/l #	87
73) Isopropylbenzene	12.473	105	5475	2.58	ug/l	93
83) tert-Butylbenzene	13.220	119	177535	121.79	ug/l	99

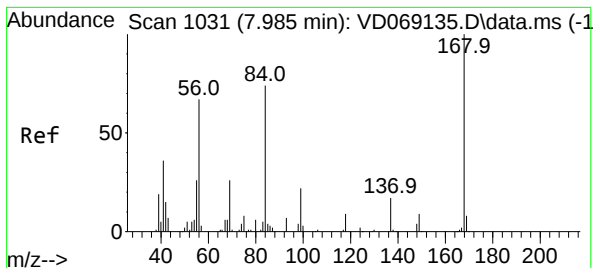
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration



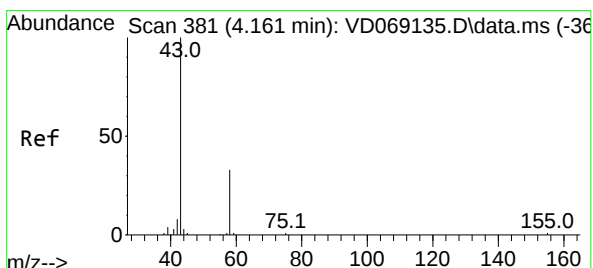
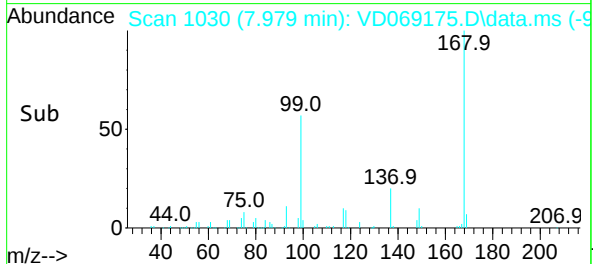
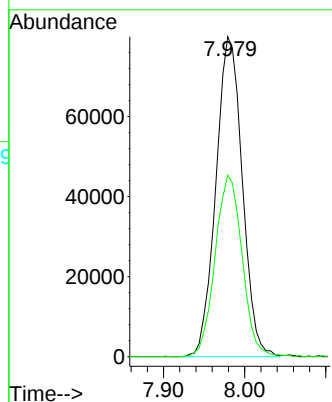
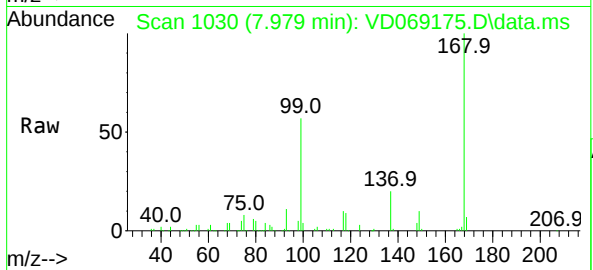


#1

Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

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

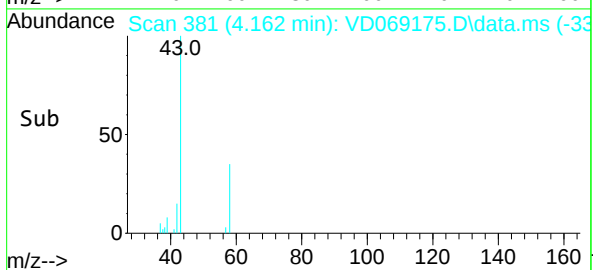
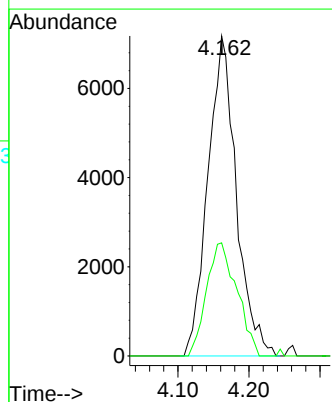
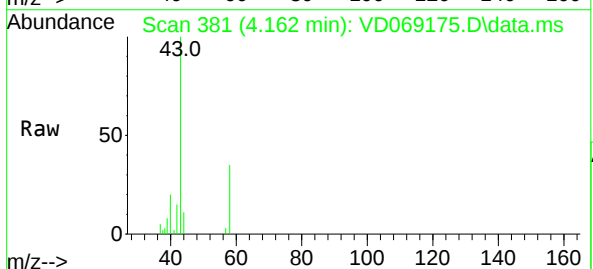
Tgt Ion:168 Resp: 180931
Ion Ratio Lower Upper
168 100
99 56.8 47.2 70.8

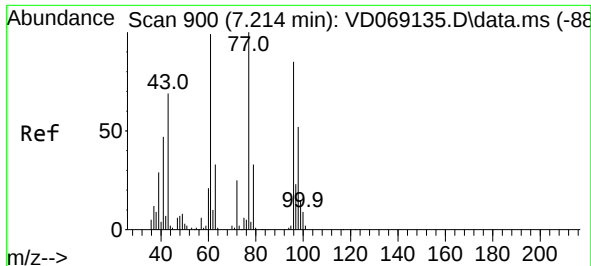


#16

Acetone
Concen: 71.69 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

Tgt Ion: 43 Resp: 19916
Ion Ratio Lower Upper
43 100
58 35.3 26.7 40.1

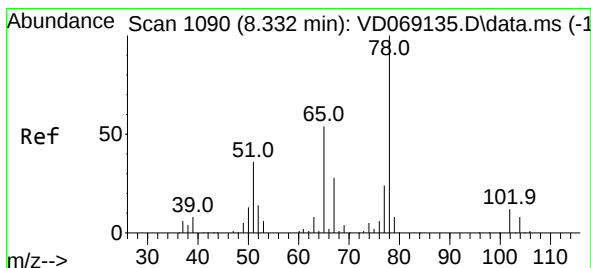
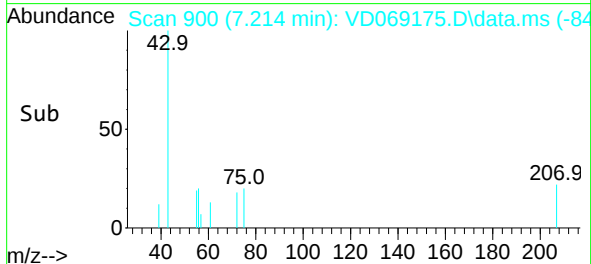
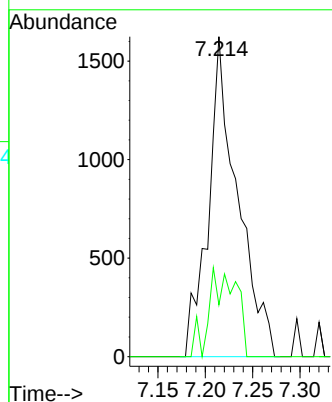
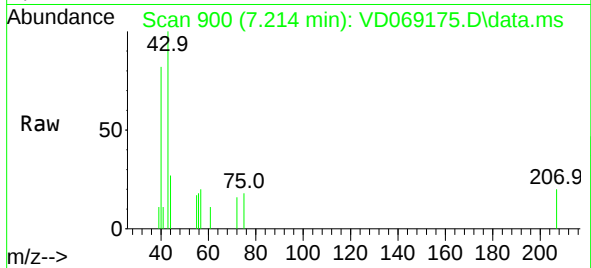




#25
2-Butanone
Concen: 9.26 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

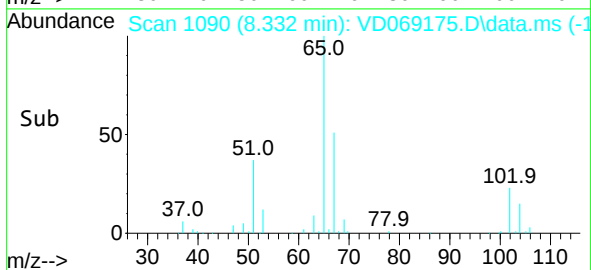
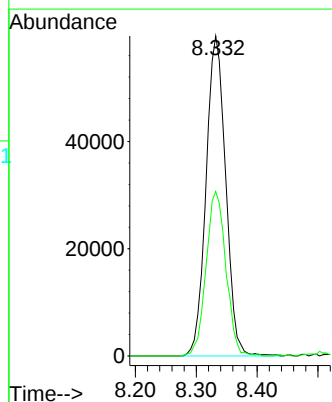
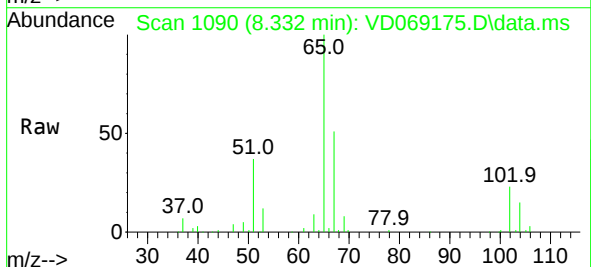
Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-4-6

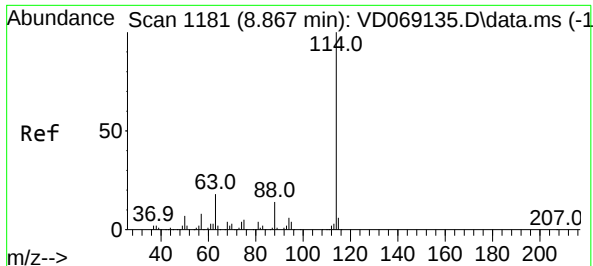
Tgt Ion: 43 Resp: 3484
Ion Ratio Lower Upper
43 100
72 16.2 29.1 43.7#



#33
1,2-Dichloroethane-d4
Concen: 73.63 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

Tgt Ion: 65 Resp: 133558
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.0

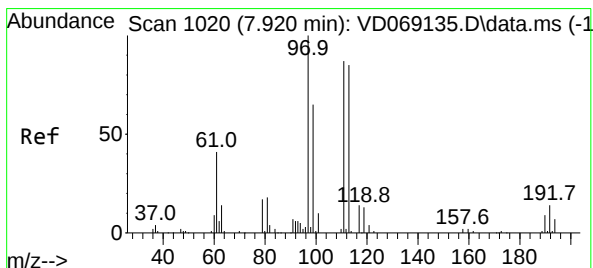
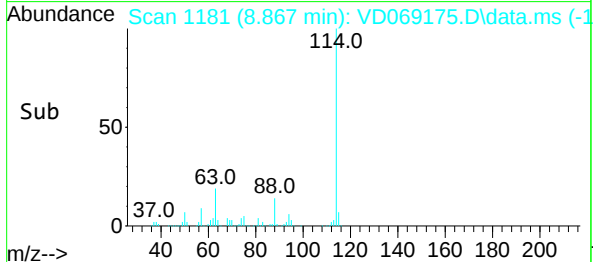
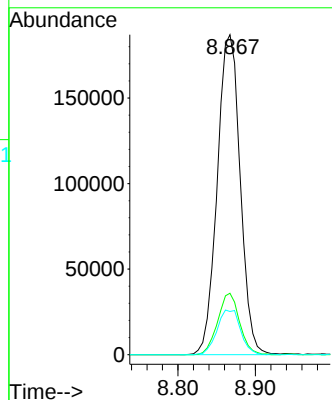
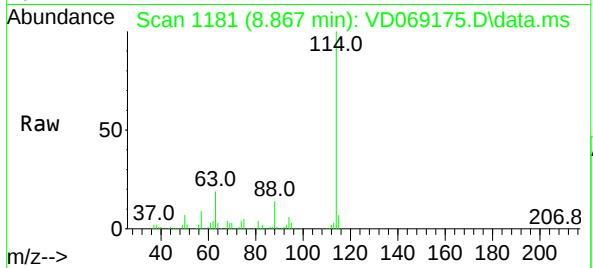




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

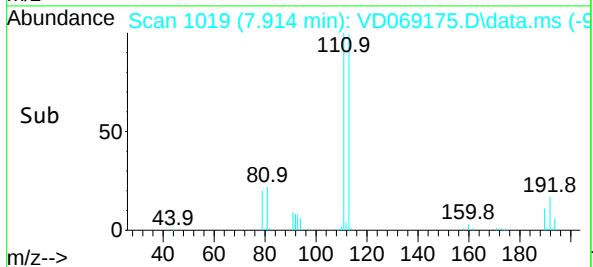
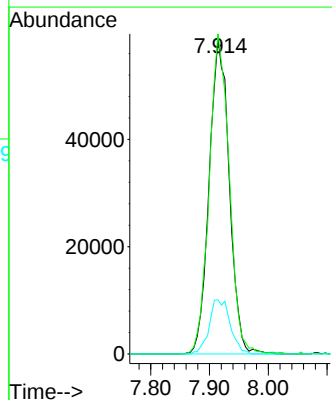
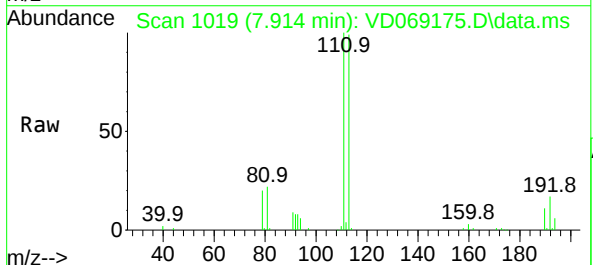
Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-4-6

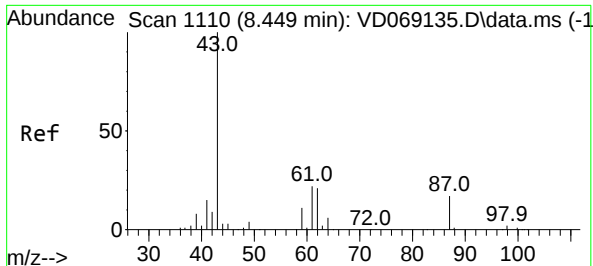
Tgt Ion:	114	Resp:	385617
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	36.4
88	13.5	0.0	28.2



#35
Dibromofluoromethane
Concen: 55.47 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

Tgt Ion:	113	Resp:	139190
Ion Ratio	Lower	Upper	
113	100		
111	101.3	80.6	120.8
192	18.1	14.8	22.2

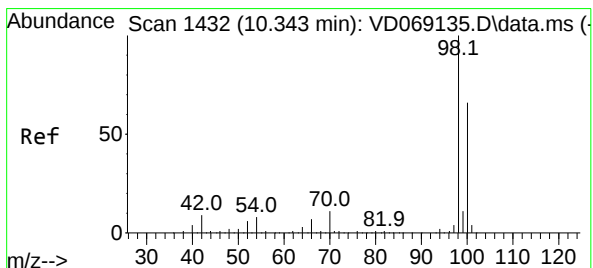
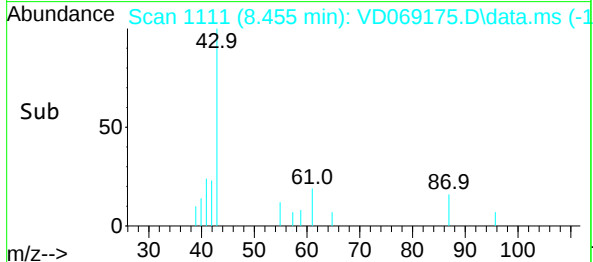
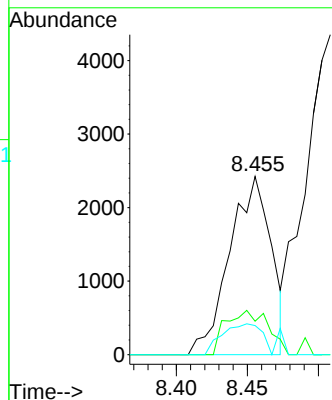
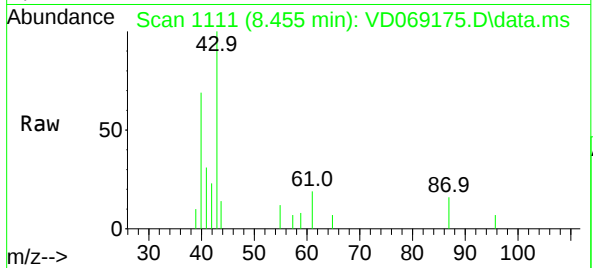




#43
Isopropyl Acetate
Concen: 2.25 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

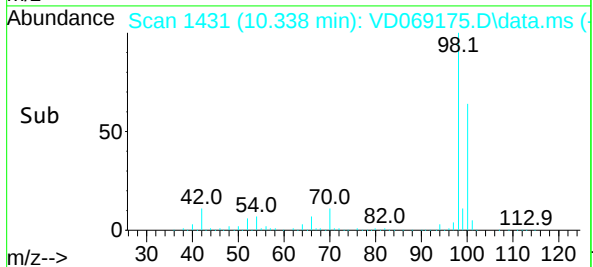
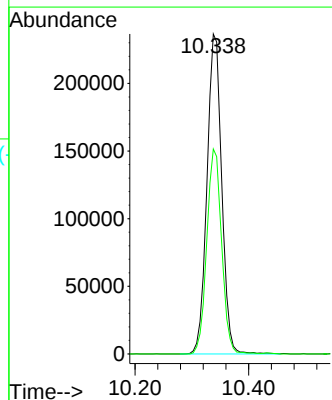
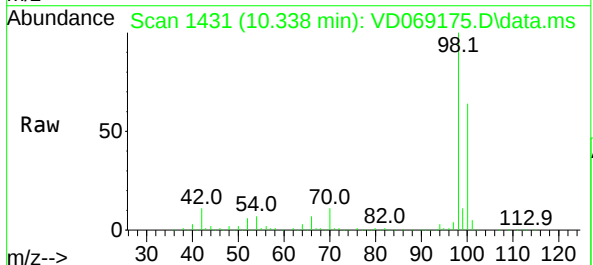
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ClientSampleId :
CASINO-AVE-4-6

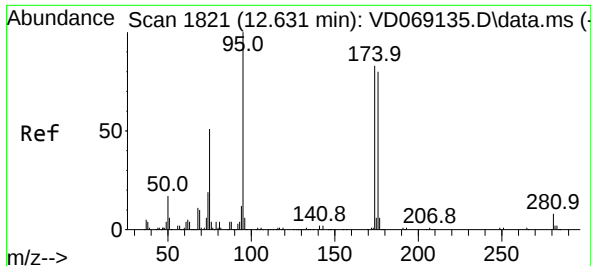
Tgt Ion: 43 Resp: 4931
Ion Ratio Lower Upper
43 100
61 25.2 28.6 42.8#
87 16.6 13.8 20.8



#50
Toluene-d8
Concen: 46.06 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

Tgt Ion: 98 Resp: 424678
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8

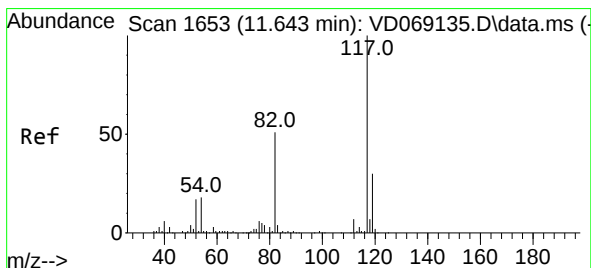
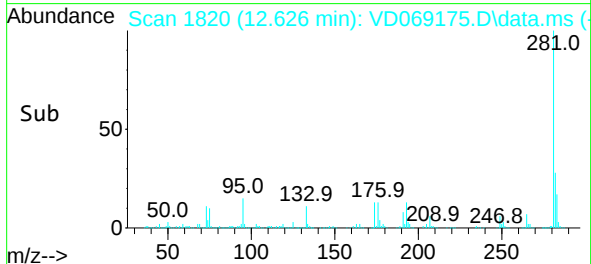
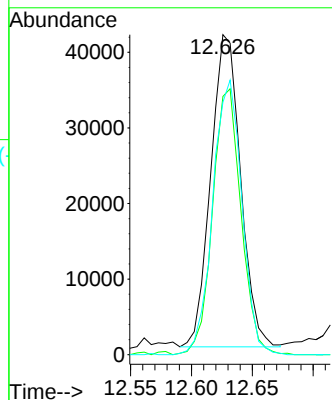
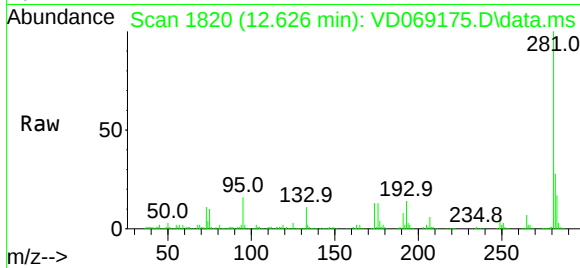




#62
4-Bromofluorobenzene
Concen: 23.71 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

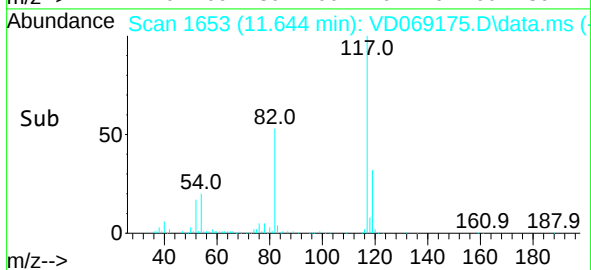
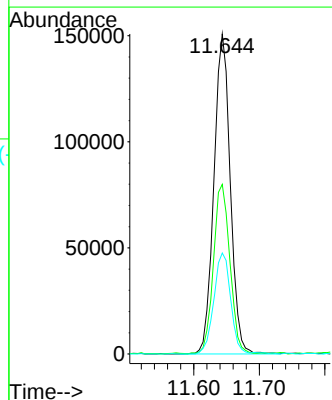
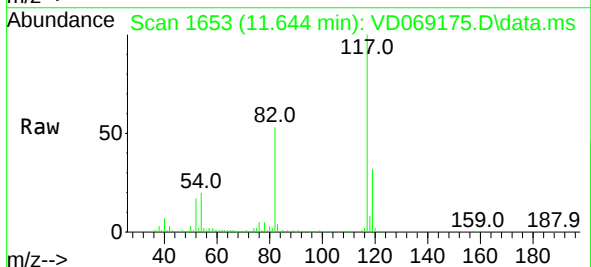
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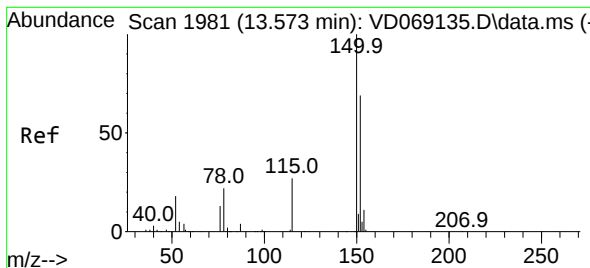
Tgt Ion: 95 Resp: 70353
Ion Ratio Lower Upper
95 100
174 81.4 0.0 171.8
176 86.0 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

Tgt Ion:117 Resp: 261419
Ion Ratio Lower Upper
117 100
82 52.8 40.5 60.7
119 31.5 24.2 36.4

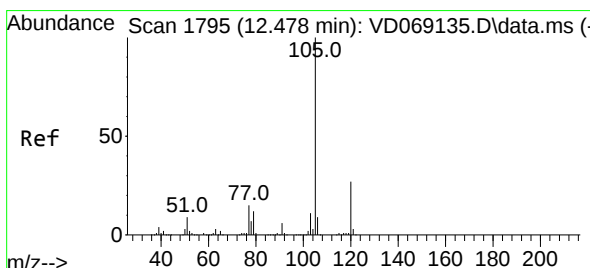
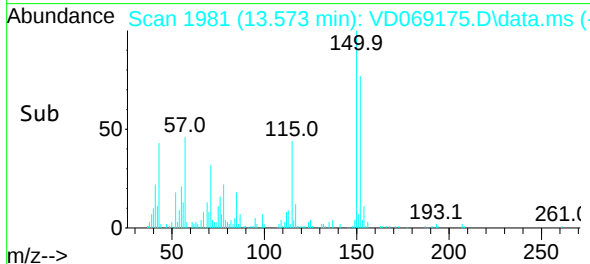
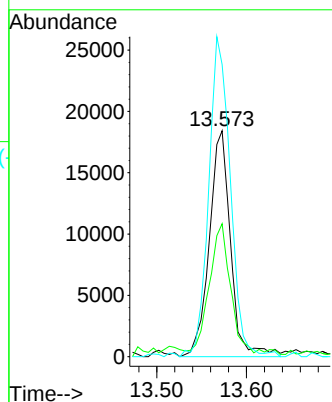
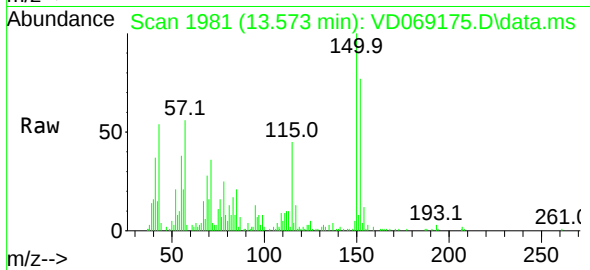




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

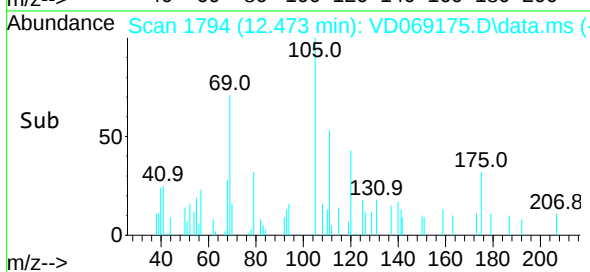
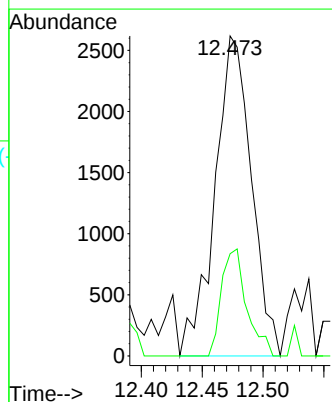
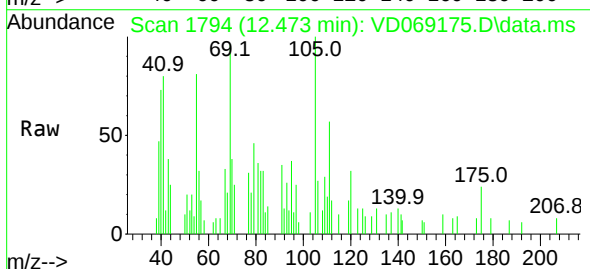
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CASINO-AVE-4-6

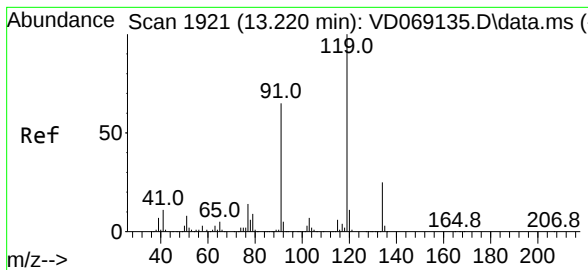
Tgt Ion:152 Resp: 30356
Ion Ratio Lower Upper
152 100
115 55.7 29.9 89.8
150 143.4 0.0 350.2



#73
Isopropylbenzene
Concen: 2.58 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VD069175.D
Acq: 14 May 2021 14:30

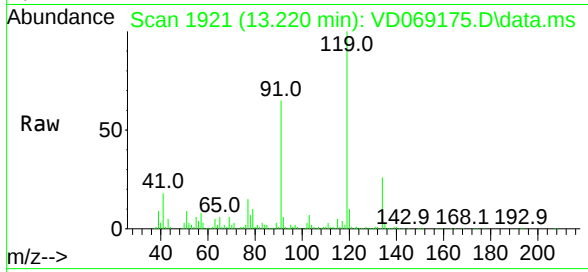
Tgt Ion:105 Resp: 5475
Ion Ratio Lower Upper
105 100
120 23.1 13.4 40.2





#83
 tert-Butylbenzene
 Concen: 121.79 ug/l
 RT: 13.220 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: VD069175.D
 Acq: 14 May 2021 14:30

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



Tgt Ion:	119	Resp:	177535
Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.5	97.4
134	25.8	13.8	41.3

