

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068495.D
 Acq On : 02 Mar 2021 14:46
 Operator : VA/SY
 Sample : M1544-03
 Misc : 7.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-040-IDWSO-20210301

Quant Time: Mar 02 23:58:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

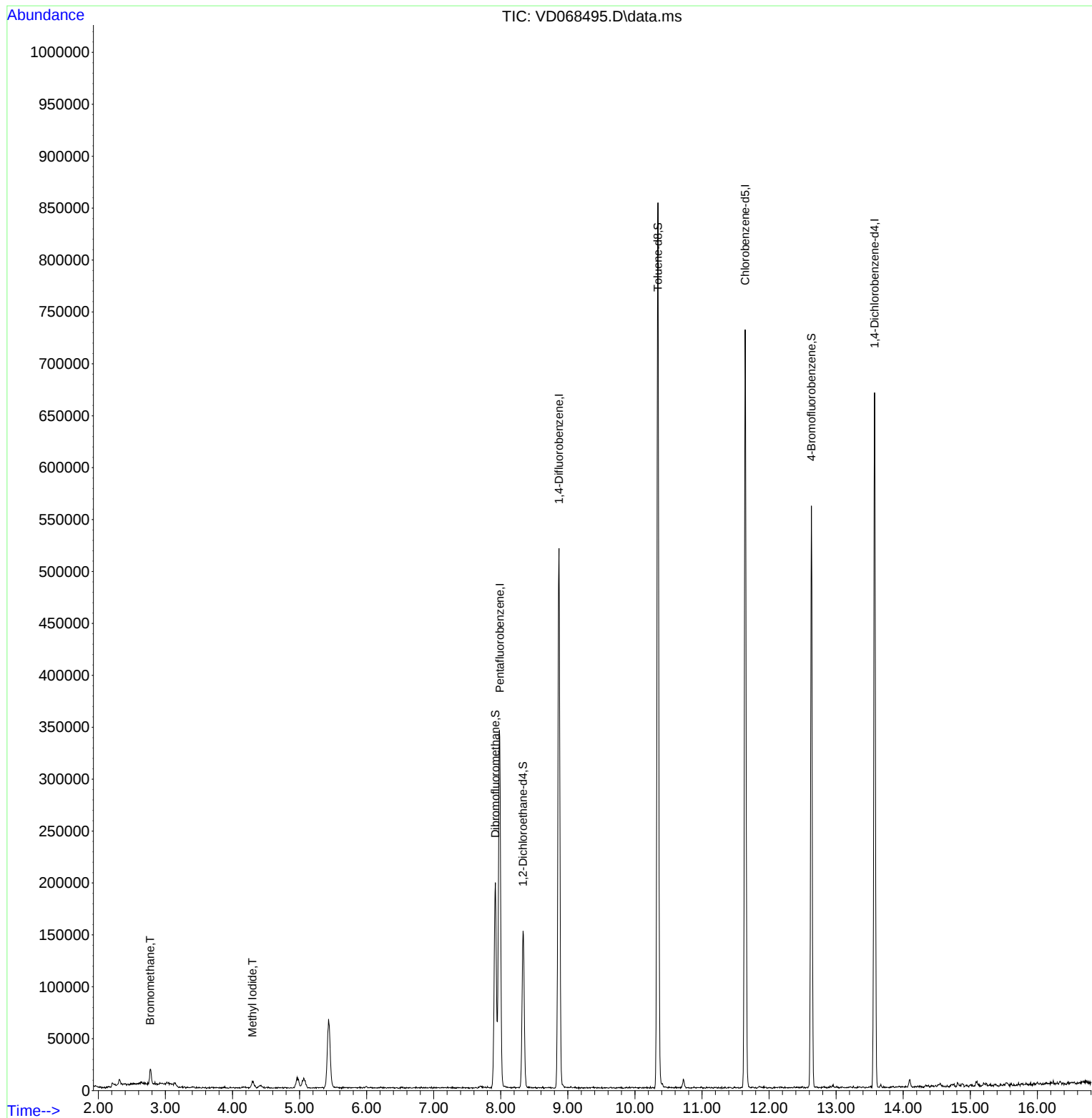
Internal Standards						
1) Pentafluorobenzene	7.985	168	272401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	476169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	439636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	189079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124442	45.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.44%
35) Dibromofluoromethane	7.920	113	139768	48.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.46%
50) Toluene-d8	10.344	98	600255	52.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.08%
62) 4-Bromofluorobenzene	12.632	95	176843	48.03	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.06%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	9903	3.51	ug/l	88
10) Methyl Iodide	4.297	142	10731	5.70	ug/l	91

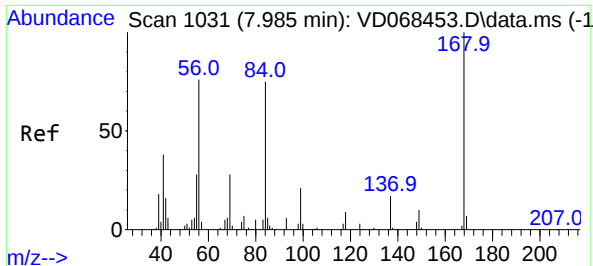
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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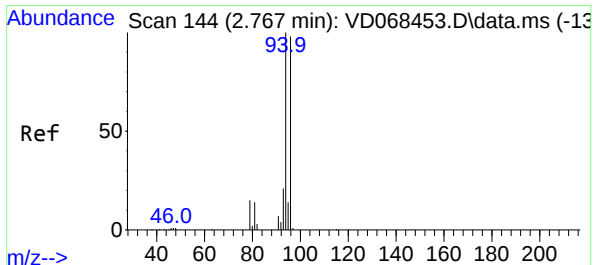
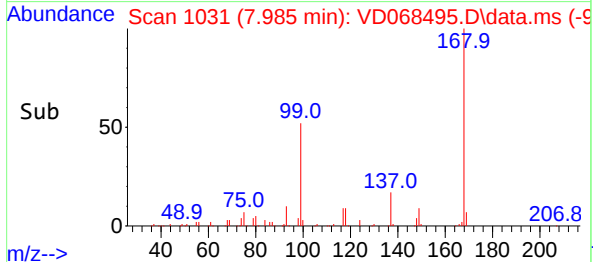
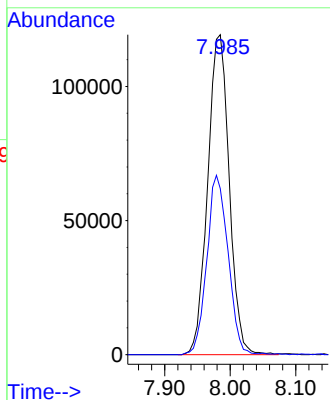
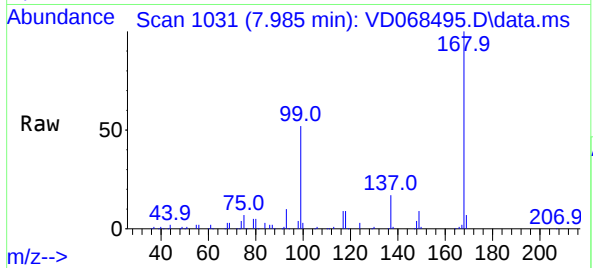




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

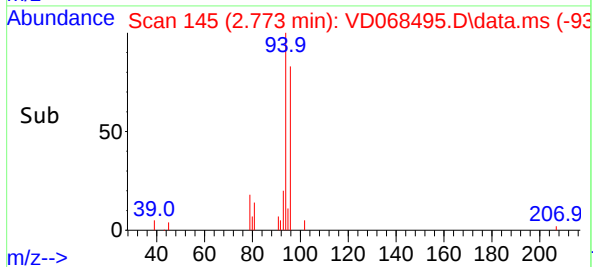
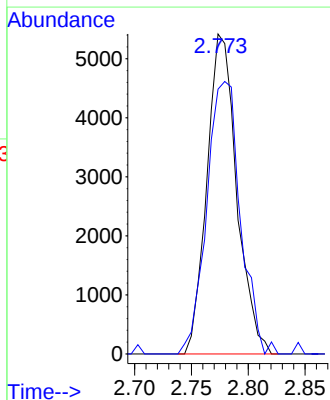
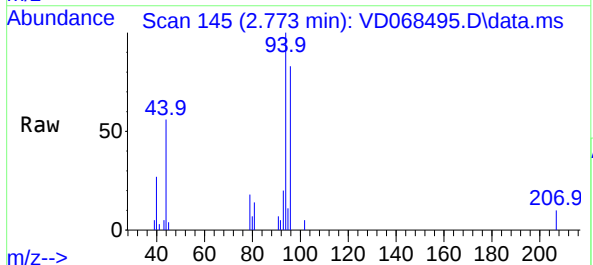
Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301

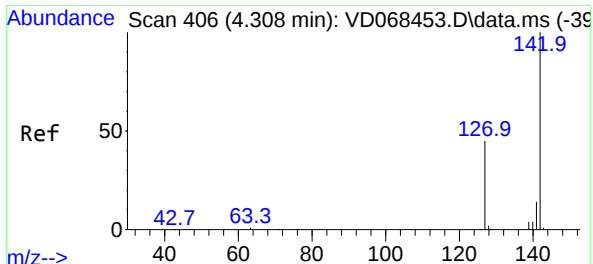
Tgt Ion:168 Resp: 272401
Ion Ratio Lower Upper
168 100
99 51.9 43.5 65.3



#5
Bromomethane
Concen: 3.51 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Tgt Ion: 94 Resp: 9903
Ion Ratio Lower Upper
94 100
96 82.7 75.8 113.8

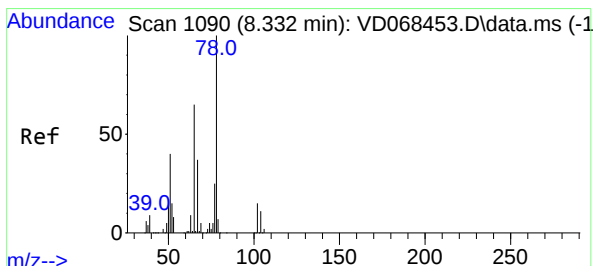
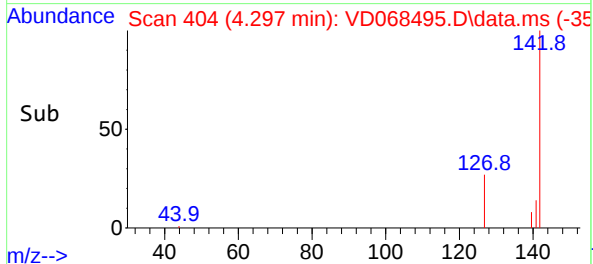
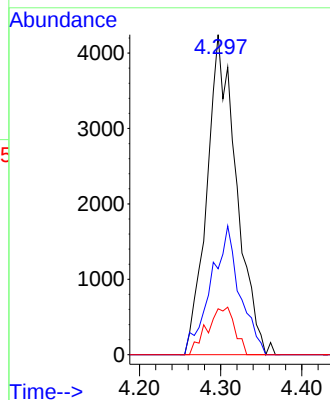
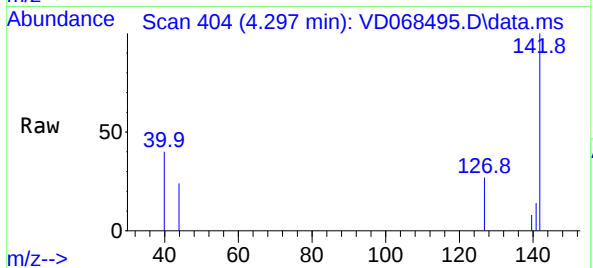




#10
Methyl Iodide
Concen: 5.70 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

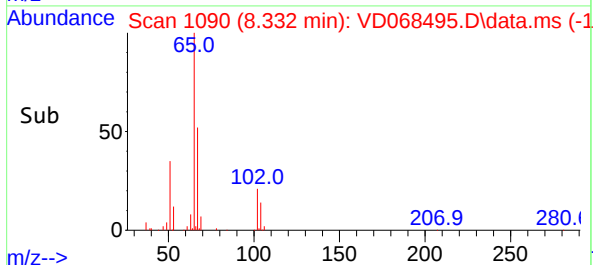
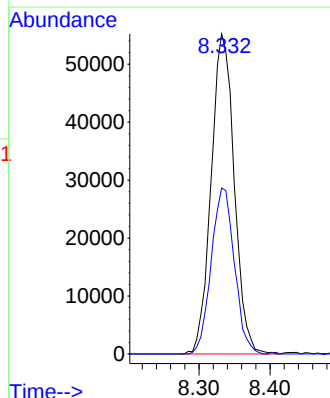
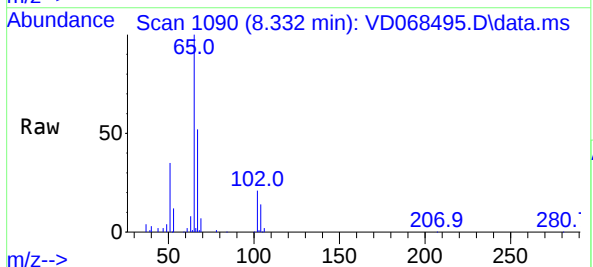
Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301

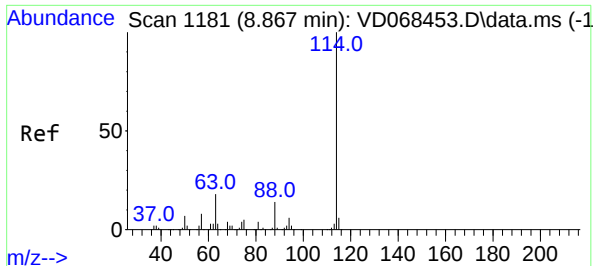
Tgt Ion:142 Resp: 10731
Ion Ratio Lower Upper
142 100
127 39.7 37.9 56.9
141 13.8 11.5 17.3



#33
1,2-Dichloroethane-d4
Concen: 45.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Tgt Ion: 65 Resp: 124442
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



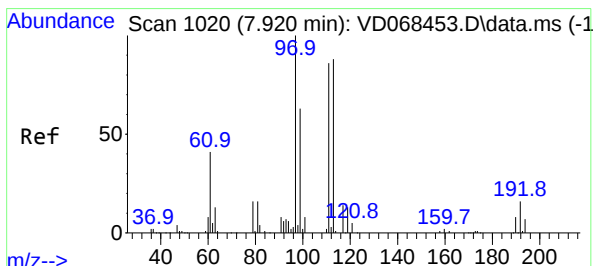
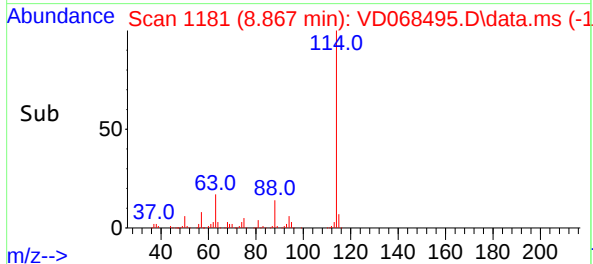
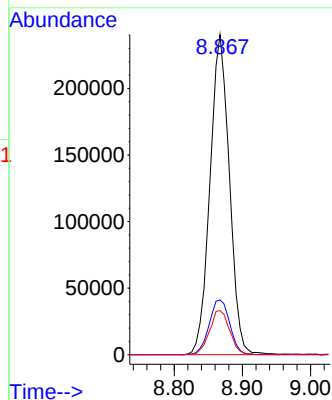
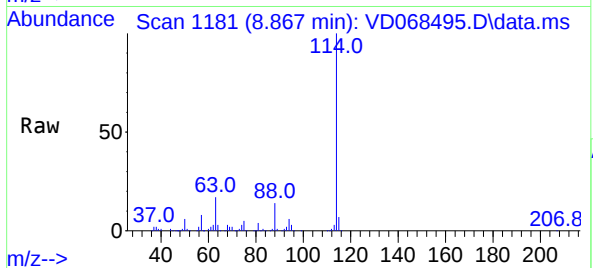


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301

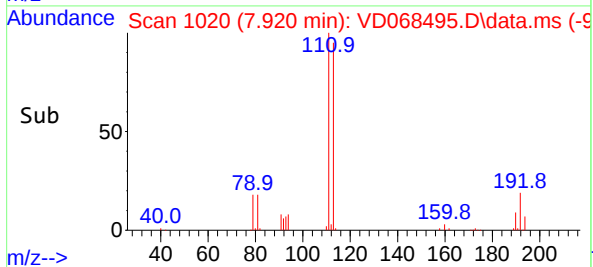
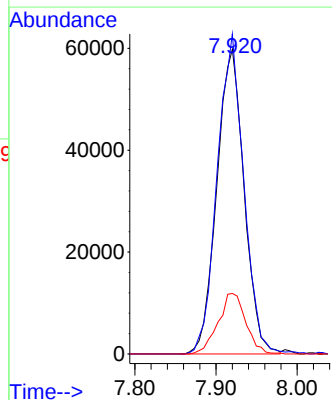
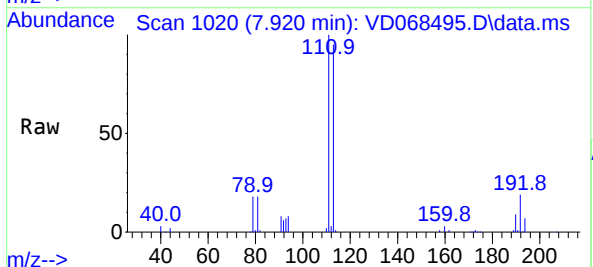
Tgt Ion:114 Resp: 476169
Ion Ratio Lower Upper
114 100
63 17.1 0.0 34.8
88 13.7 0.0 31.6

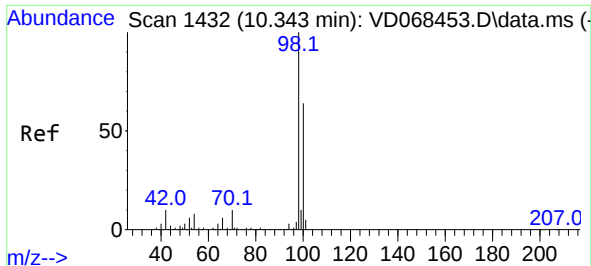


#35

Dibromofluoromethane
Concen: 48.73 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Tgt Ion:113 Resp: 139768
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 20.2 16.1 24.1

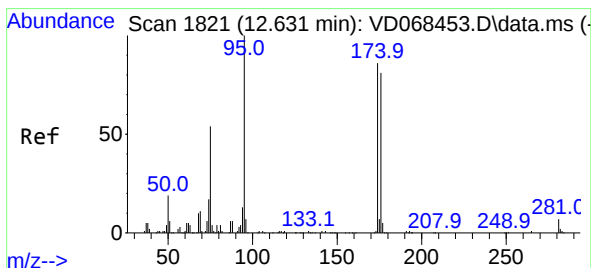
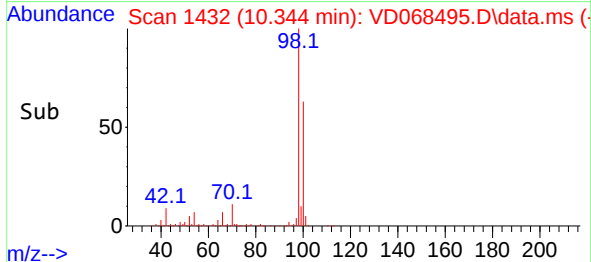
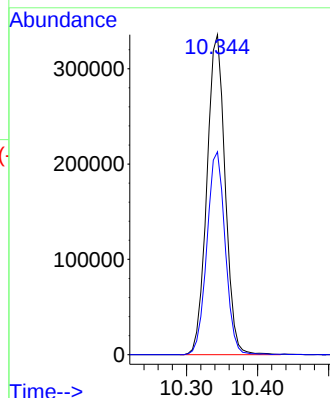
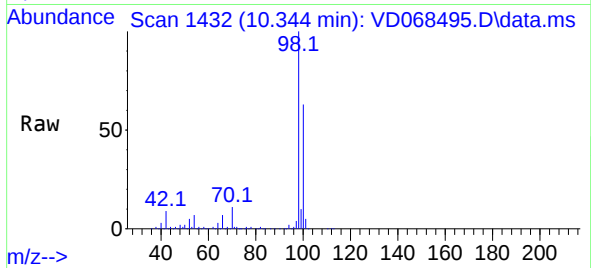




#50
Toluene-d8
Concen: 52.54 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

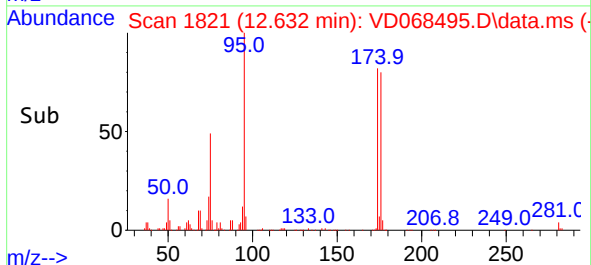
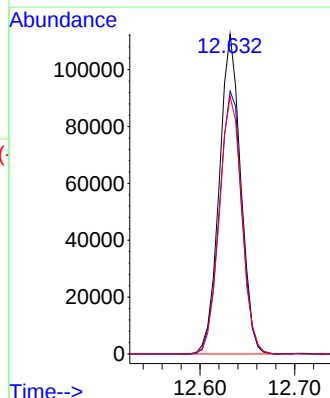
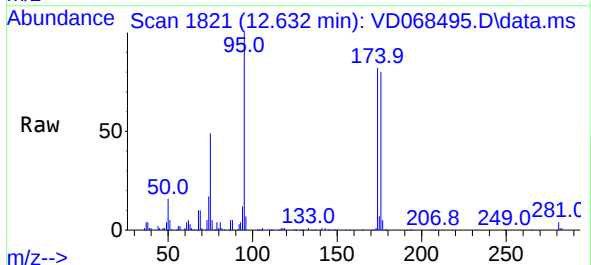
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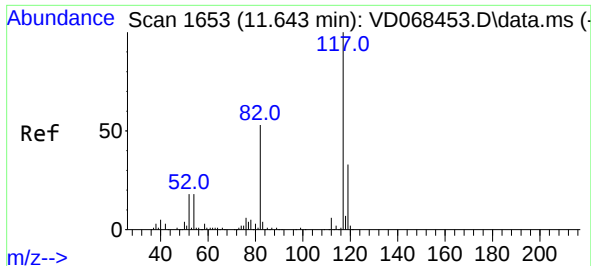
Tgt Ion: 98 Resp: 600255
Ion Ratio Lower Upper
98 100
100 63.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Tgt Ion: 95 Resp: 176843
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.4
176 84.2 0.0 168.4

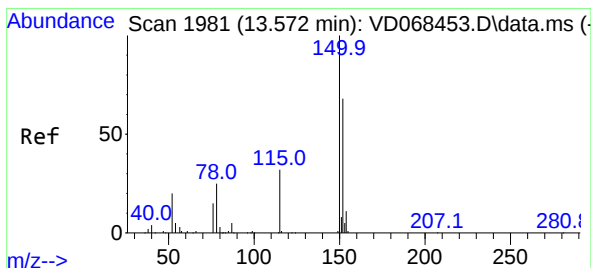
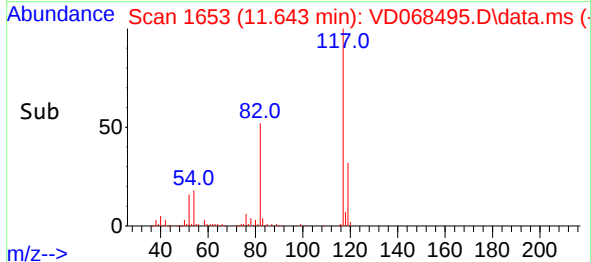
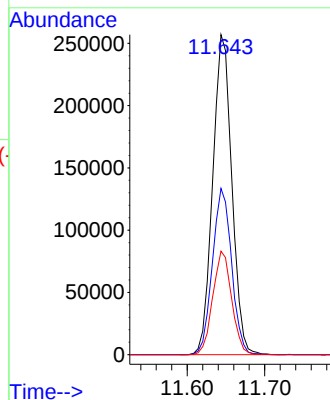
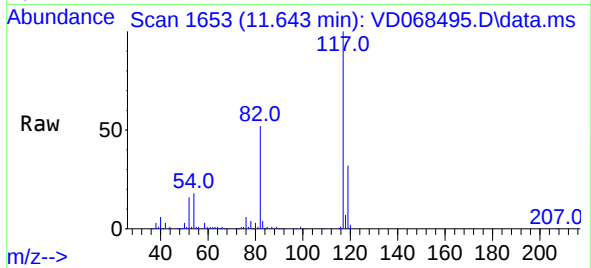




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Instrument :
MSVOA_D
ClientSampleId :
TT-040-IDWSO-20210301

Tgt Ion:	117	Resp:	439636
Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.4	62.0
119	32.4	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068495.D
Acq: 02 Mar 2021 14:46

Tgt Ion:	152	Resp:	189079
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.9	86.8
150	156.3	0.0	344.4

