

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021521\
 Data File : VD068364.D
 Acq On : 15 Feb 2021 15:38
 Operator : VA/SY
 Sample : M1400-02
 Misc : 4.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-2

Quant Time: Feb 16 00:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

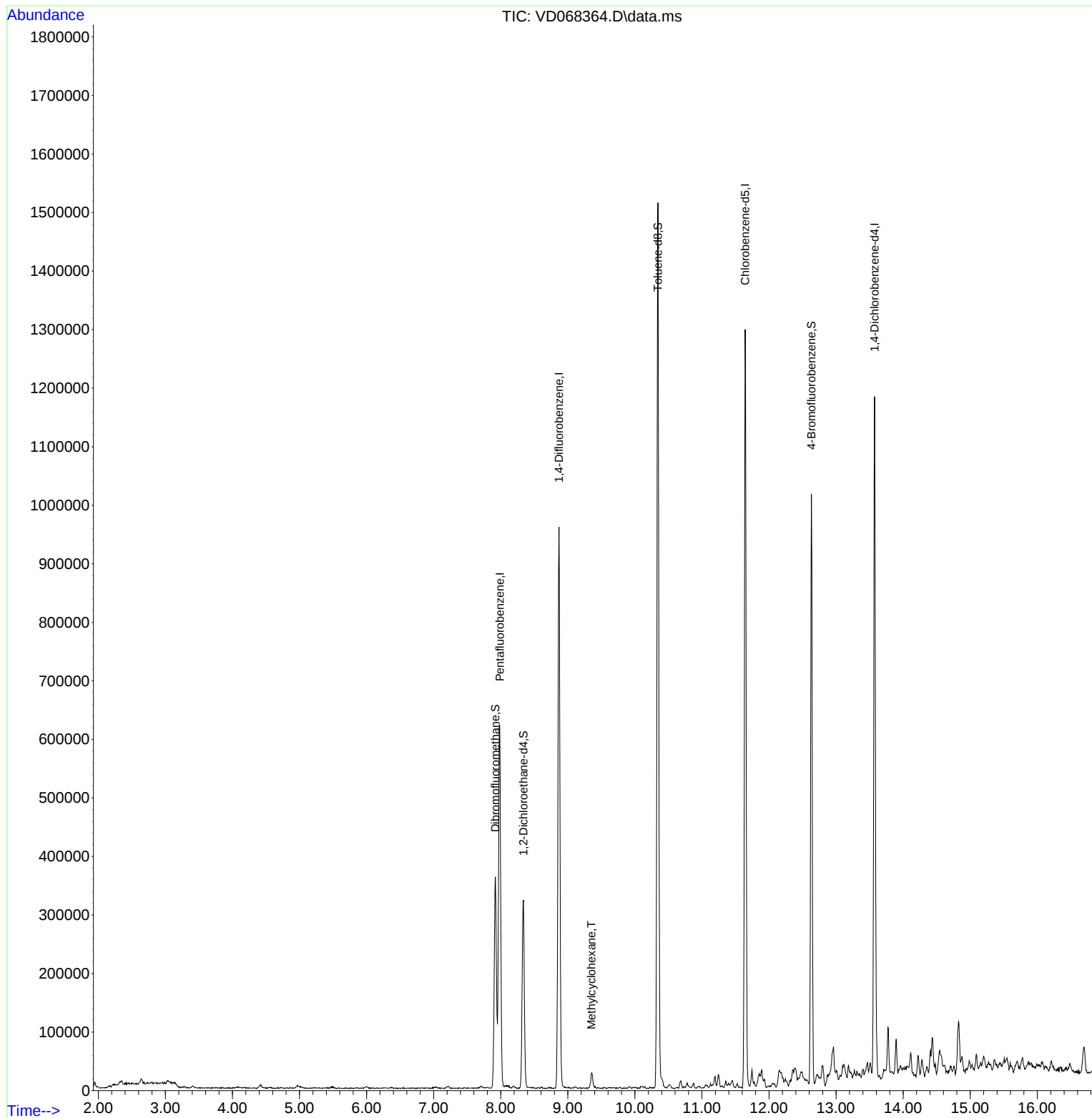
Internal Standards						
1) Pentafluorobenzene	7.985	168	464453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	858659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	761503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	310521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	259212	54.59	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.18%		
35) Dibromofluoromethane	7.920	113	258248	50.67	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.34%		
50) Toluene-d8	10.344	98	1069042	50.61	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 101.22%		
62) 4-Bromofluorobenzene	12.632	95	324216	47.12	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 94.24%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.350	83	12986	1.39	ug/l	# 85

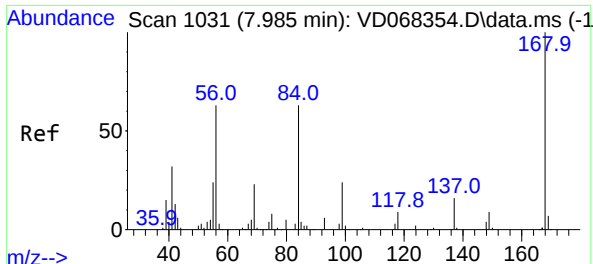
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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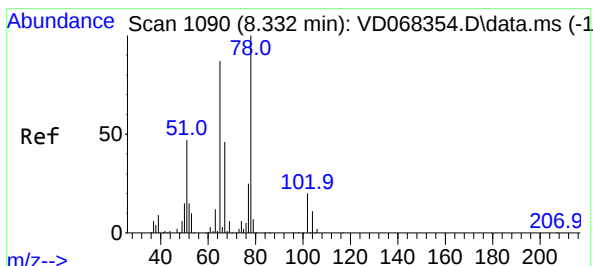
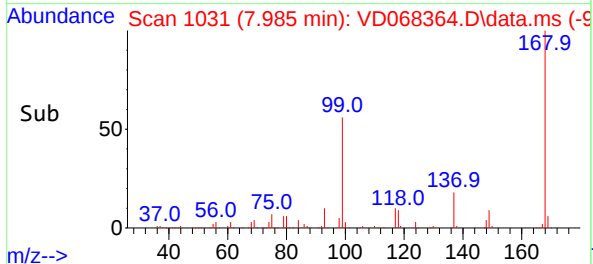
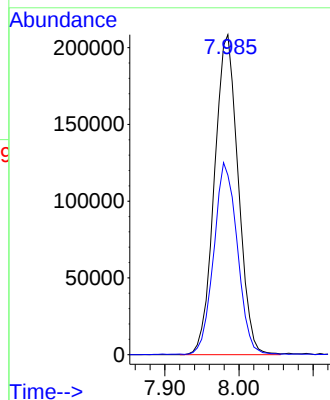
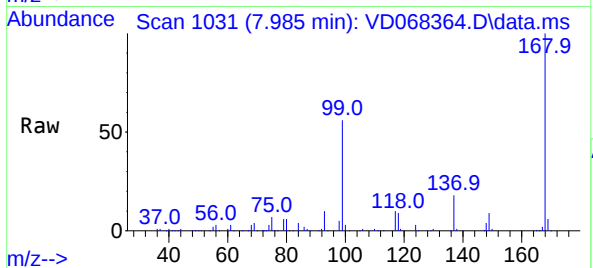




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

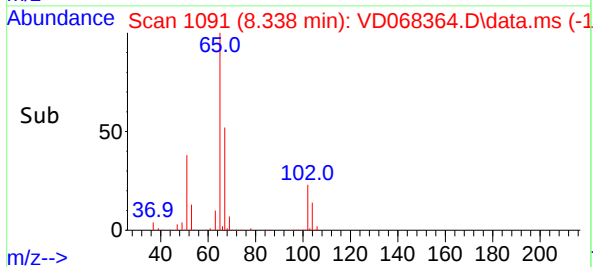
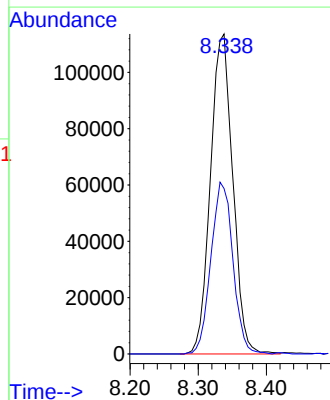
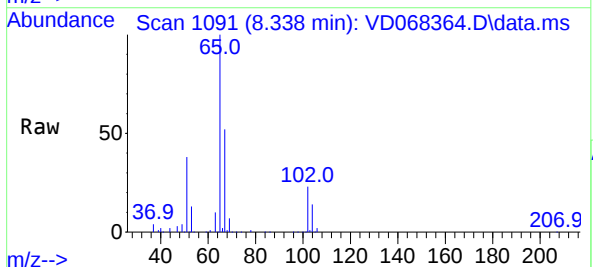
Instrument :
MSVOA_D
ClientSampled :
BIN-2

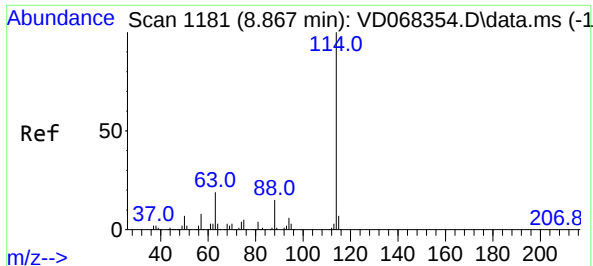
Tgt Ion:168 Resp: 464453
Ion Ratio Lower Upper
168 100
99 55.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 54.59 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion: 65 Resp: 259212
Ion Ratio Lower Upper
65 100
67 52.9 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: VD068364.D

Acq: 15 Feb 2021 15:38

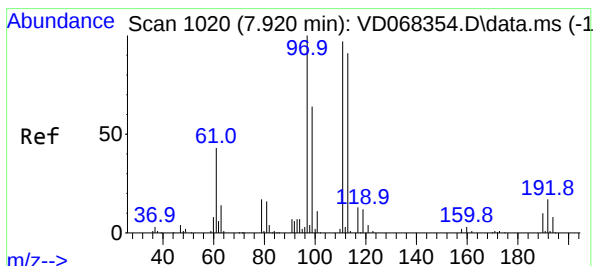
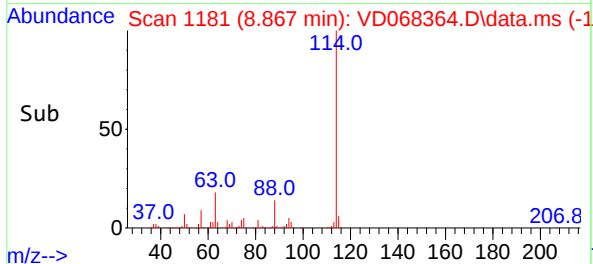
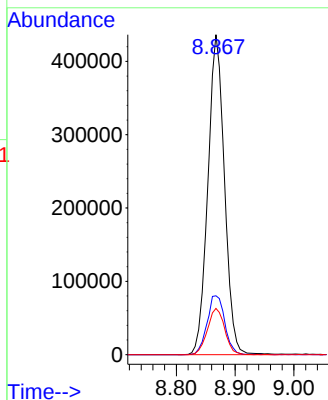
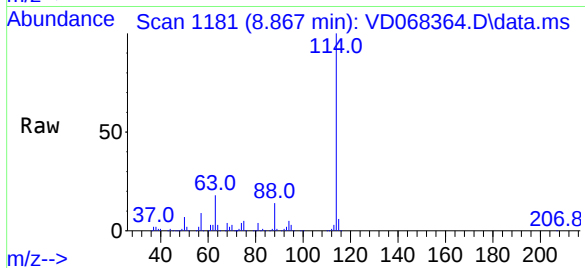
Tgt Ion:114 Resp: 858659

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

88 14.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.67 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068364.D

Acq: 15 Feb 2021 15:38

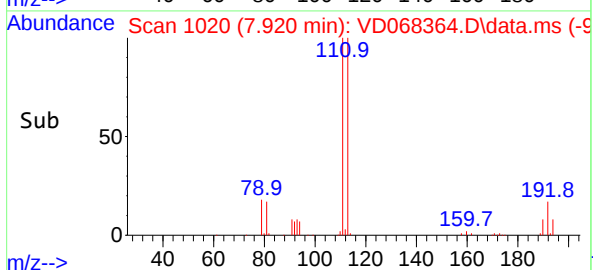
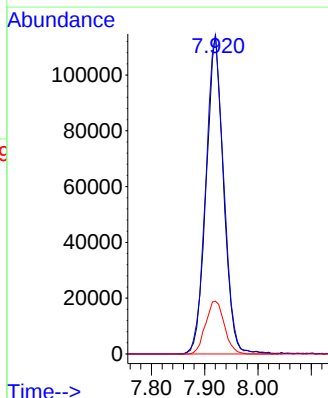
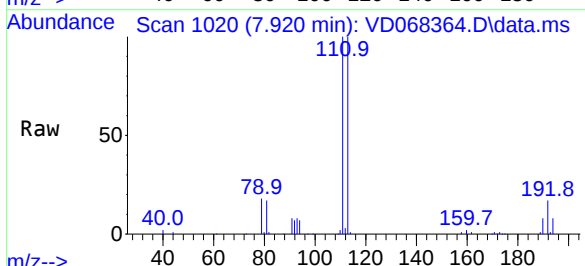
Tgt Ion:113 Resp: 258248

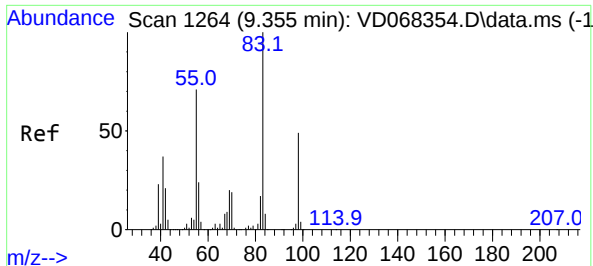
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 17.9 16.1 24.1





#39

Methylcyclohexane

Concen: 1.39 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD068364.D

Acq: 15 Feb 2021 15:38

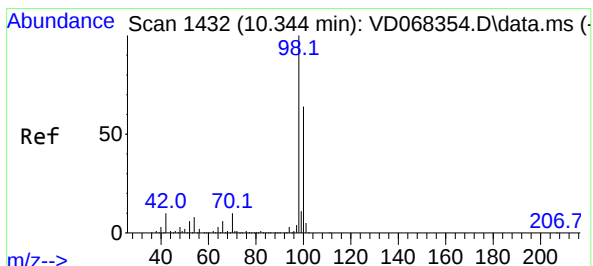
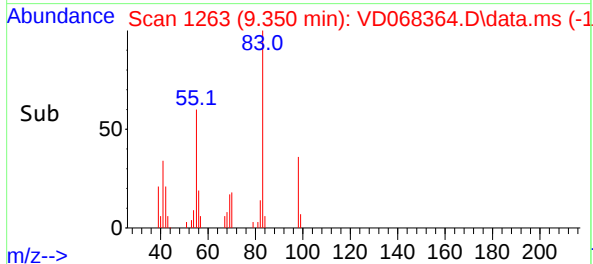
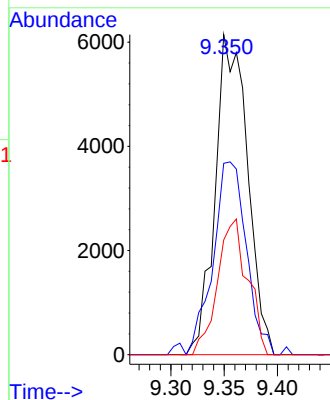
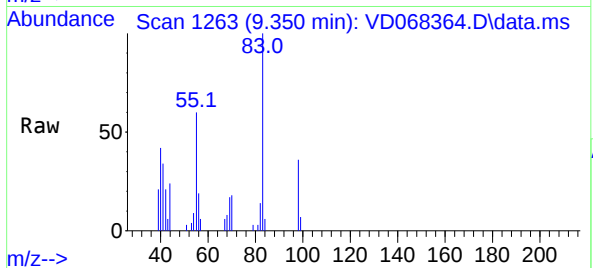
Instrument :

MSVOA_D

ClientSampled :

BIN-2

Tgt Ion:	83	Resp:	12986
Ion	Ratio	Lower	Upper
83	100		
55	59.8	55.2	82.8
98	35.9	39.1	58.7#



#50

Toluene-d8

Concen: 50.61 ug/l

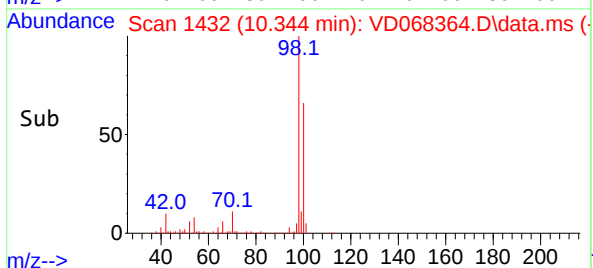
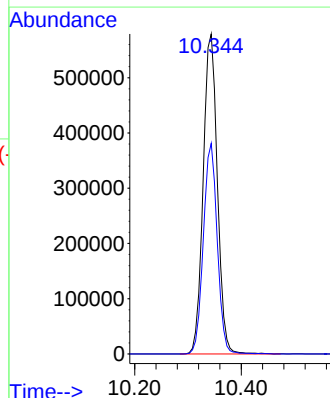
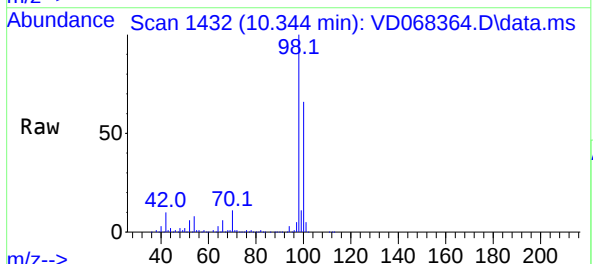
RT: 10.344 min Scan# 1432

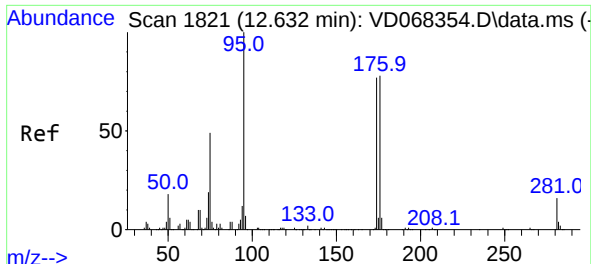
Delta R.T. -0.000 min

Lab File: VD068364.D

Acq: 15 Feb 2021 15:38

Tgt Ion:	98	Resp:	1069042
Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.0	79.4



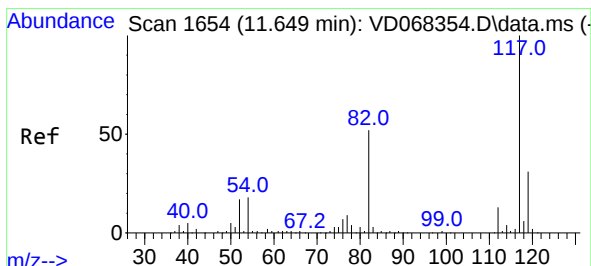
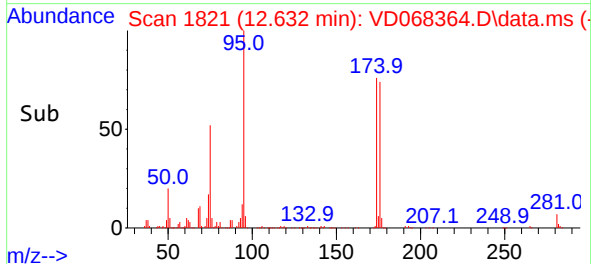
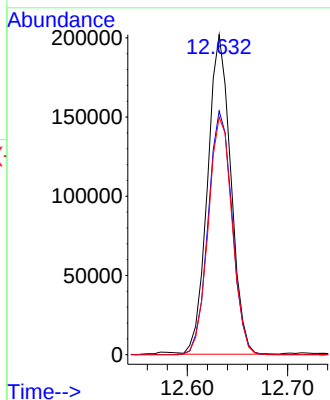
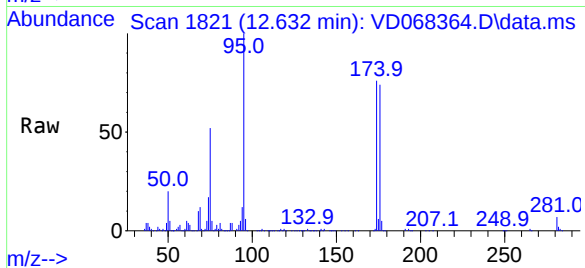


#62
4-Bromofluorobenzene
Concen: 47.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :
BIN-2

Tgt Ion: 95 Resp: 324216

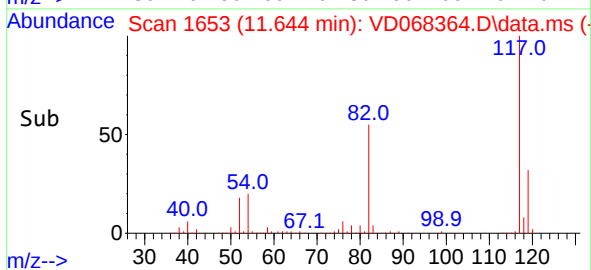
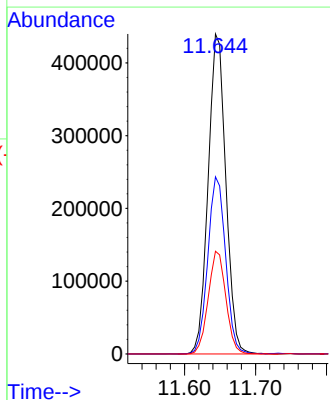
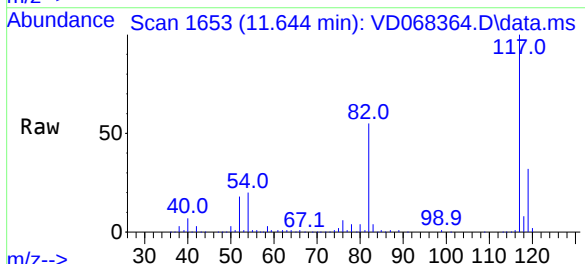
Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	172.4
176	76.6	0.0	168.4



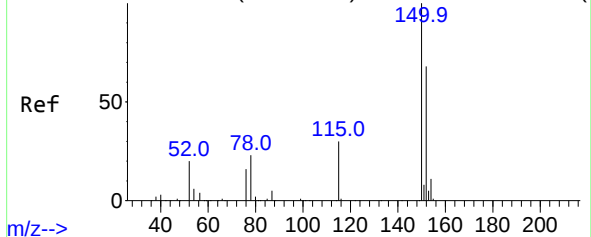
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion: 117 Resp: 761503

Ion	Ratio	Lower	Upper
117	100		
82	55.4	41.4	62.0
119	32.1	26.1	39.1



Abundance Scan 1981 (13.573 min): VD068354.D\data.ms (-

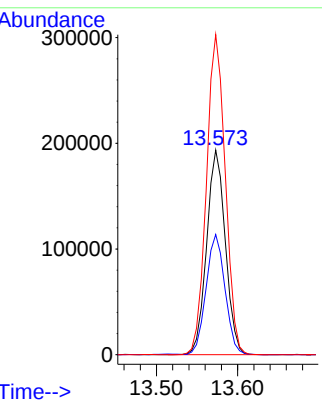
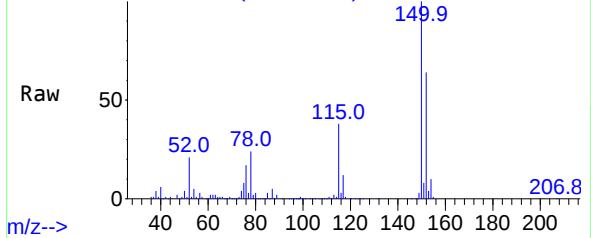


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion:152 Resp: 310521
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.8
150 157.6 0.0 344.4

Instrument :
MSVOA_D
ClientSampleId :
BIN-2

Abundance Scan 1981 (13.573 min): VD068364.D\data.ms



Abundance Scan 1981 (13.573 min): VD068364.D\data.ms (-

