

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
 Data File : VD068372.D
 Acq On : 16 Feb 2021 16:09
 Operator : VA/SY
 Sample : M1424-01
 Misc : 7.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-021621

Quant Time: Feb 17 00:05:34 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)

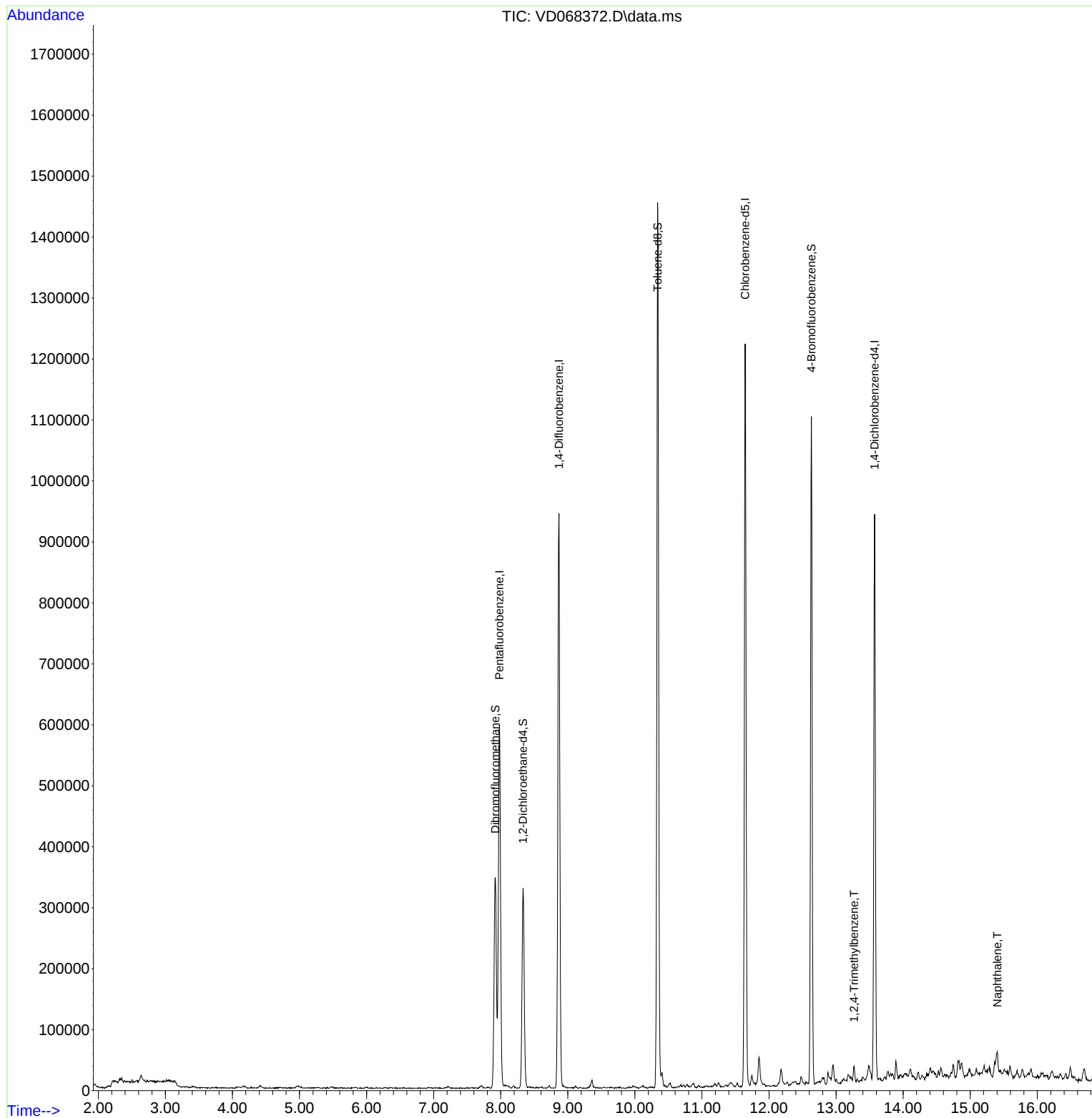
Internal Standards						
1) Pentafluorobenzene	7.979	168	441881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	839199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	722108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	249217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	259836	57.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.04%
35) Dibromofluoromethane	7.920	113	258359	51.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.74%
50) Toluene-d8	10.338	98	1024511	49.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.24%
62) 4-Bromofluorobenzene	12.632	95	296961	44.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.32%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.267	105	15713	1.06	ug/l	99
95) Naphthalene	15.402	128	35490	4.27	ug/l	99

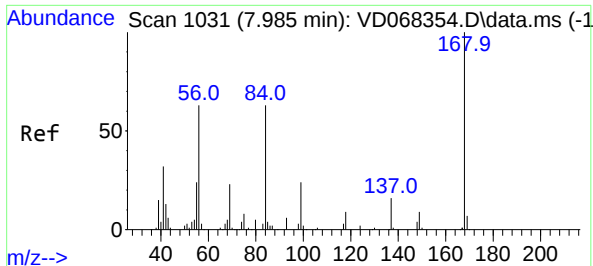
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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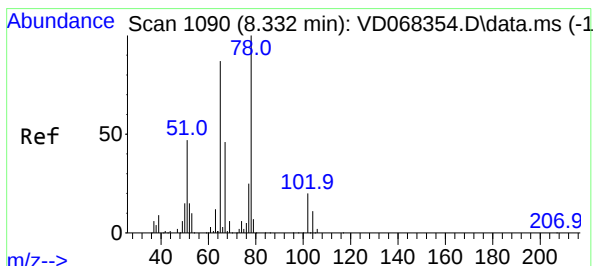
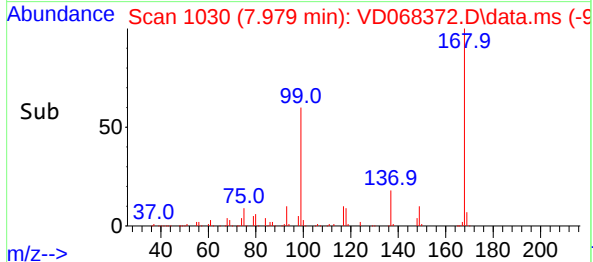
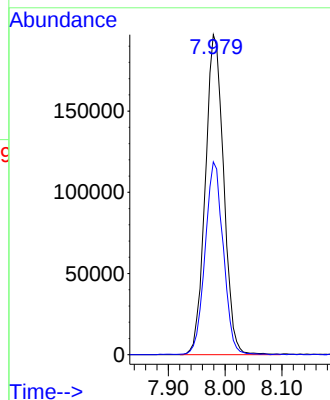
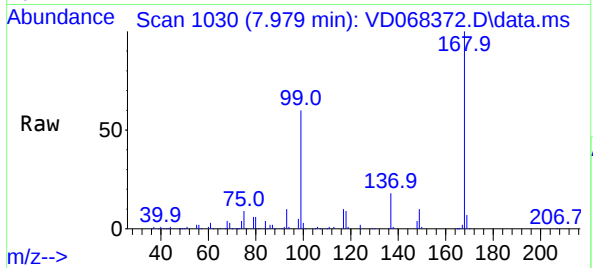




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

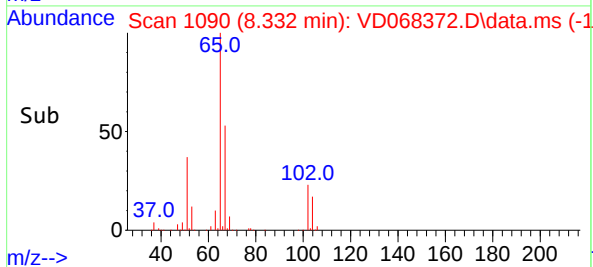
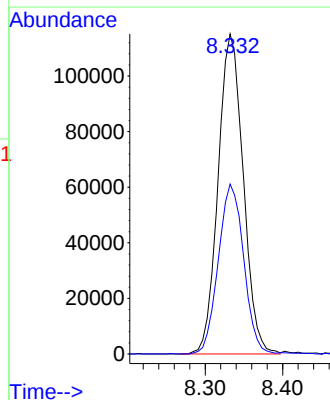
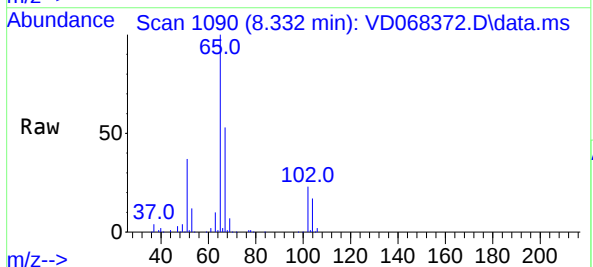
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021621

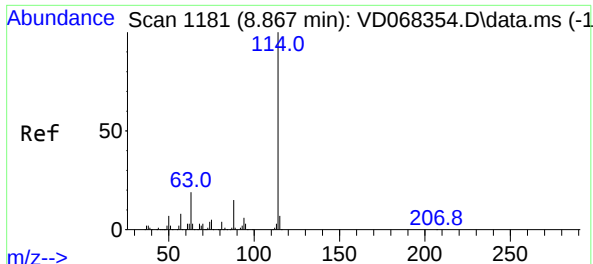
Tgt Ion:168 Resp: 441881
Ion Ratio Lower Upper
168 100
99 60.1 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 57.52 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion: 65 Resp: 259836
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0



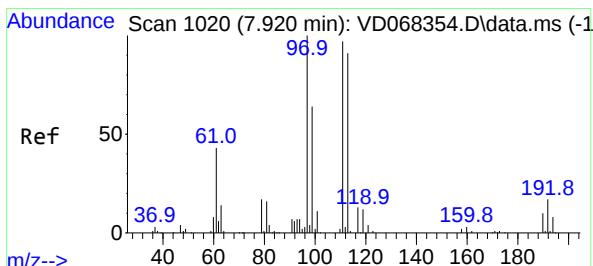
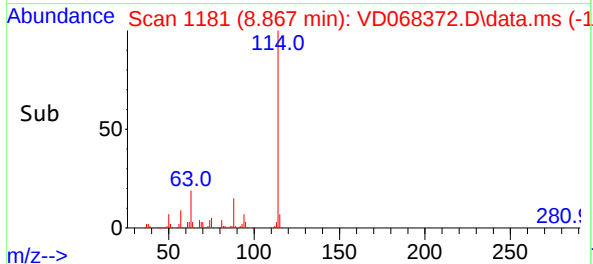
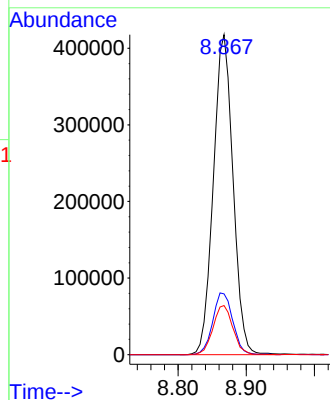
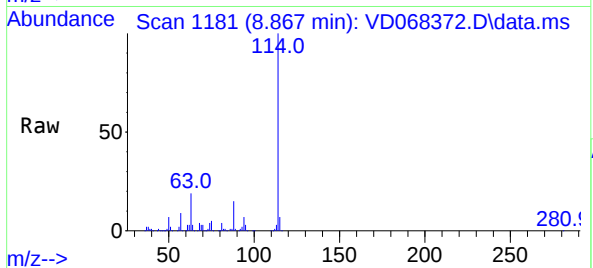


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Instrument :
MSVOA_D
ClientSampleId :
OR-02-021621

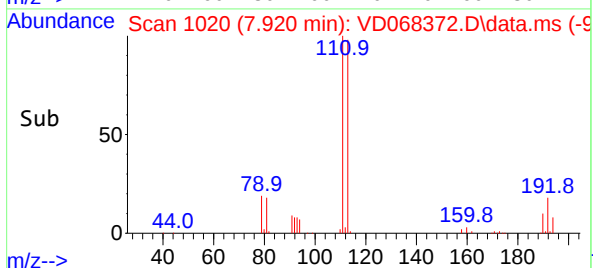
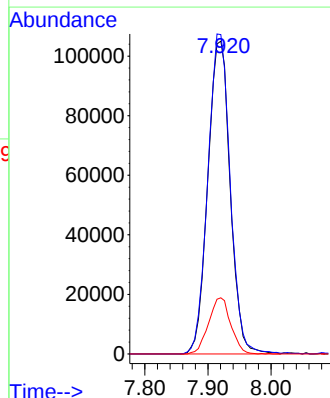
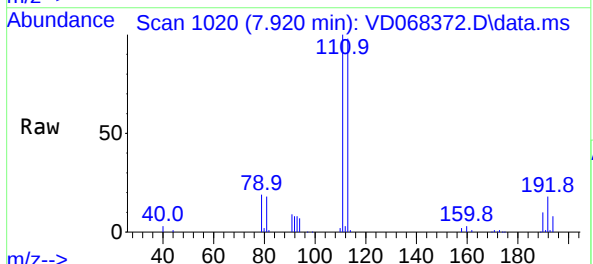
Tgt Ion:	114	Resp:	839199
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.8
88	15.3	0.0	31.6

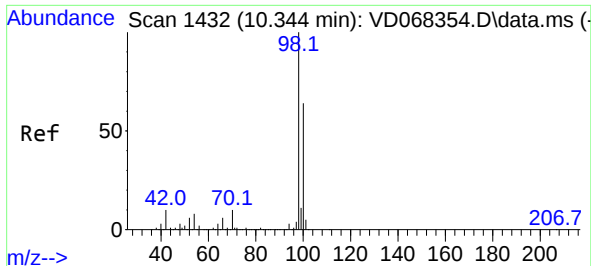


#35

Dibromofluoromethane
Concen: 51.87 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion:	113	Resp:	258359
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	17.7	16.1	24.1

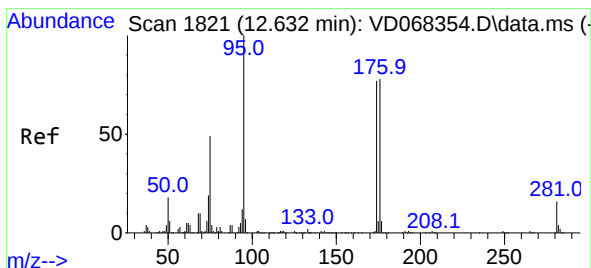
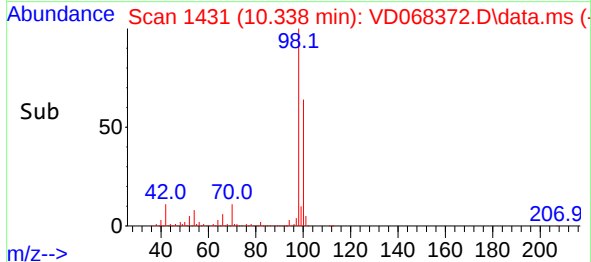
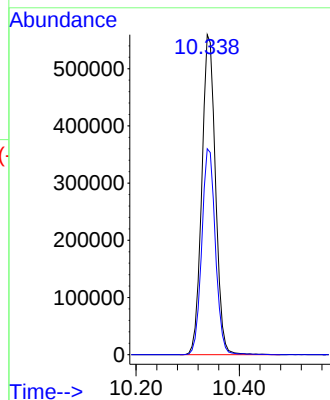
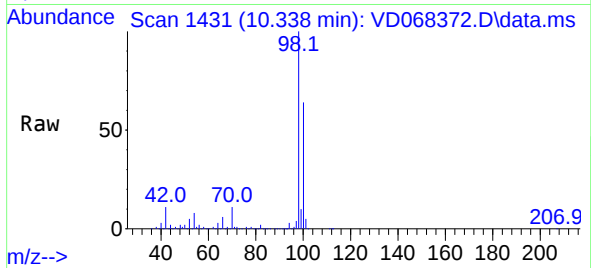




#50
Toluene-d8
Concen: 49.62 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

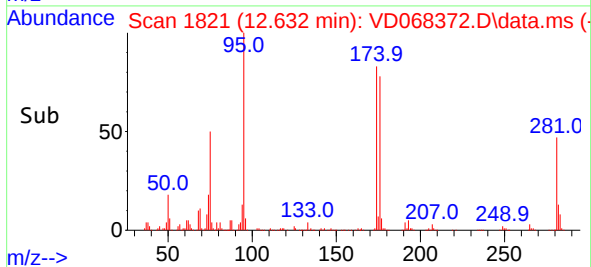
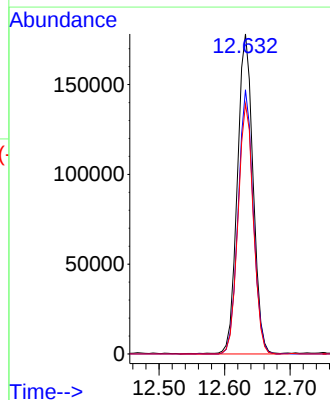
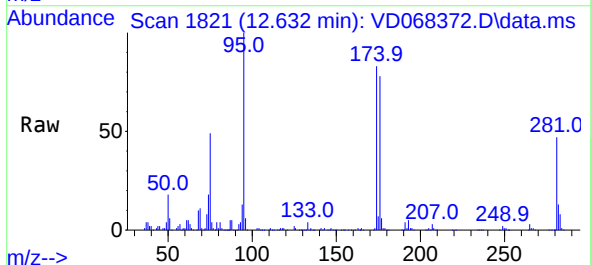
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021621

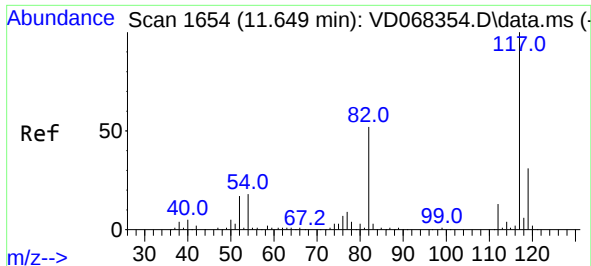
Tgt Ion: 98 Resp: 1024511
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion: 95 Resp: 296961
Ion Ratio Lower Upper
95 100
174 79.1 0.0 172.4
176 75.9 0.0 168.4

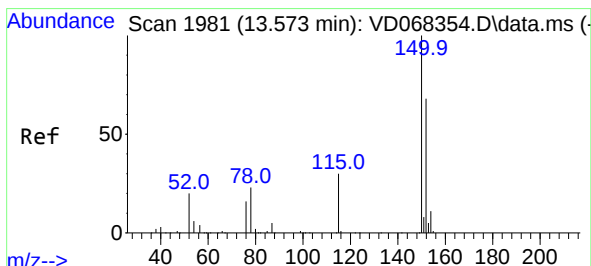
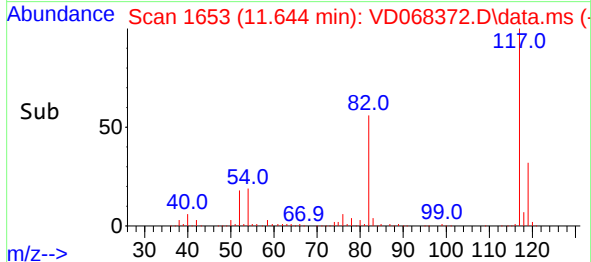
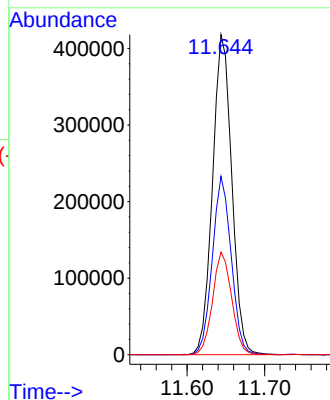
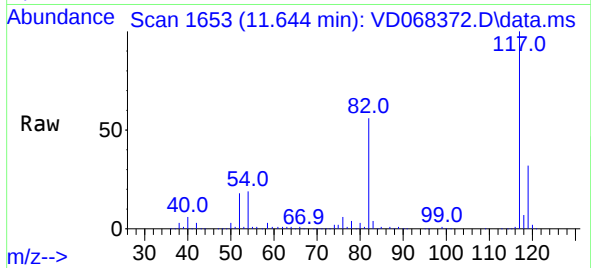




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

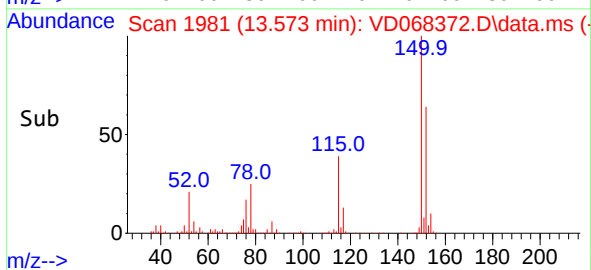
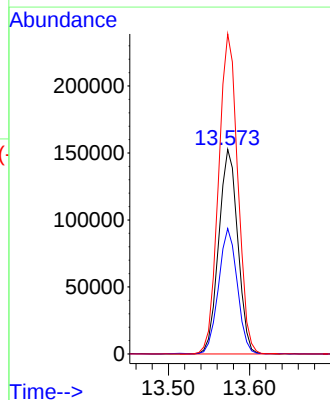
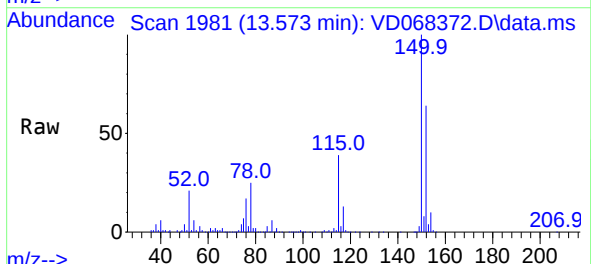
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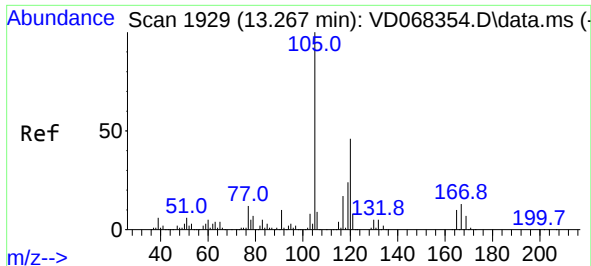
Tgt Ion:117 Resp: 722108
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion:152 Resp: 249217
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.8
150 158.0 0.0 344.4

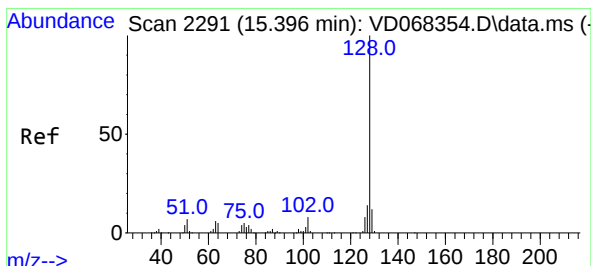
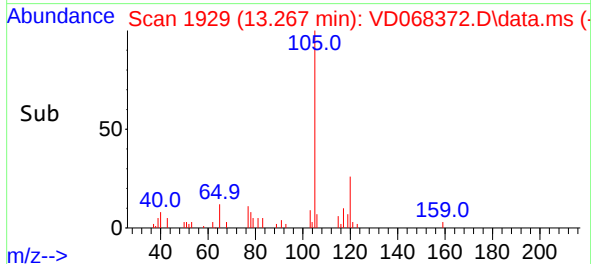
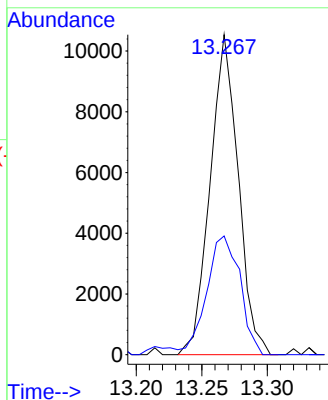
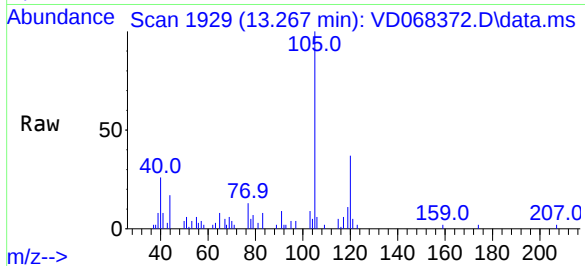




#84
1,2,4-Trimethylbenzene
Concen: 1.06 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Instrument :
MSVOA_D
ClientSampleId :
OR-02-021621

Tgt Ion:105 Resp: 15713
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0



#95
Naphthalene
Concen: 4.27 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion:128 Resp: 35490
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.8 13.2

