

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068512.D
 Acq On : 03 Mar 2021 14:53
 Operator : VA/SY
 Sample : M1537-01
 Misc : 7.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-01-030221

Quant Time: Mar 04 00:04:07 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)

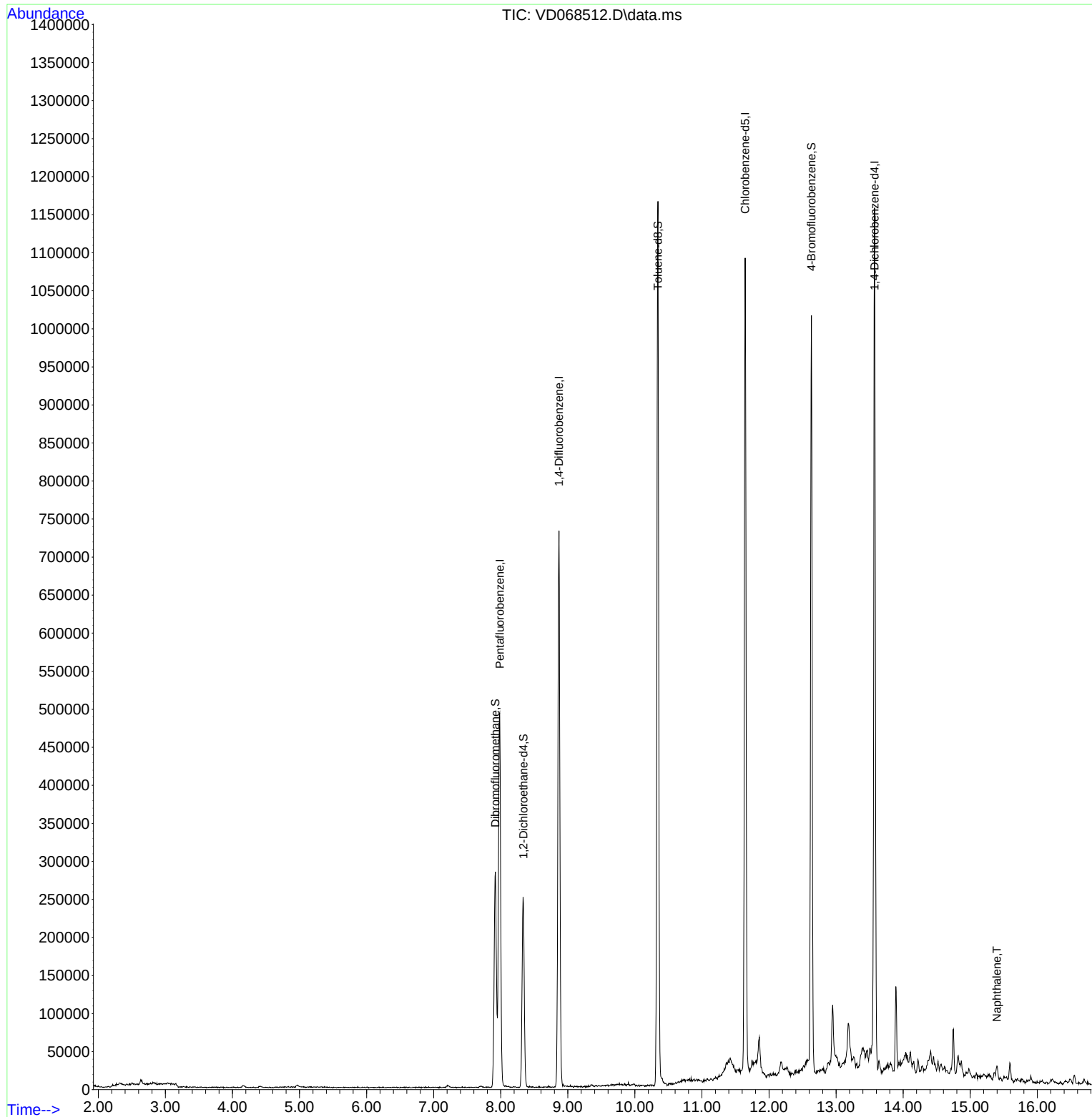
Internal Standards						
1) Pentafluorobenzene	7.985	168	391308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	671767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	648830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	309028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	201716	51.59	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.18%		
35) Dibromofluoromethane	7.920	113	203991	50.41	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.82%		
50) Toluene-d8	10.344	98	837084	51.93	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.86%		
62) 4-Bromofluorobenzene	12.632	95	286813	55.21	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 110.42%		
Target Compounds						
95) Naphthalene	15.396	128	18172	1.50	ug/l	Qvalue # 93

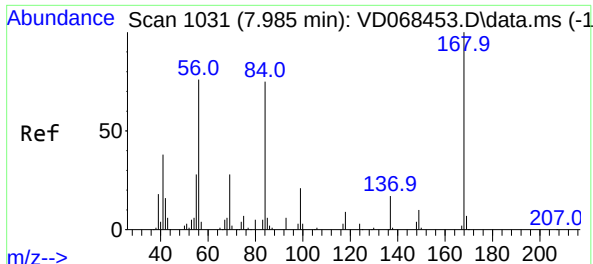
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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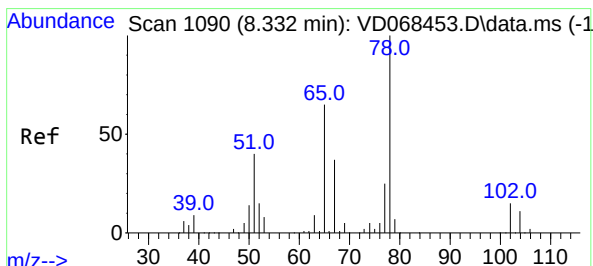
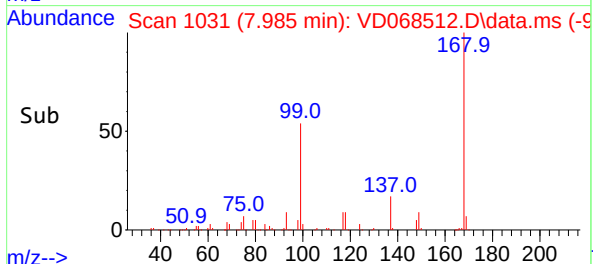
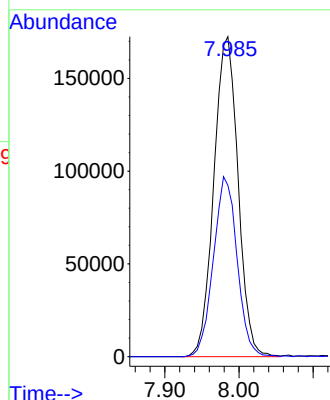
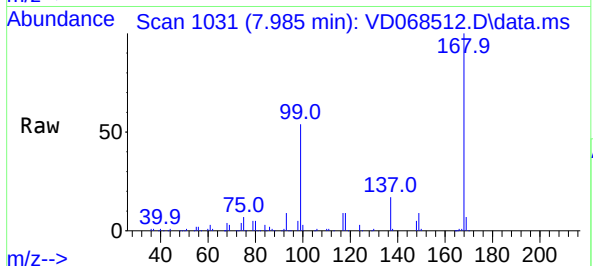




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

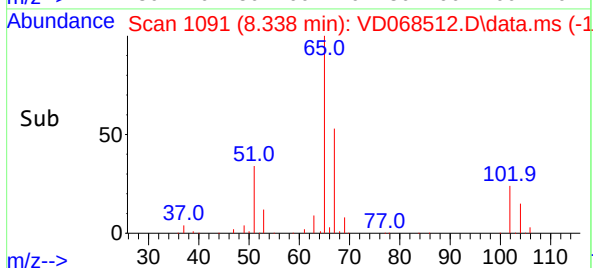
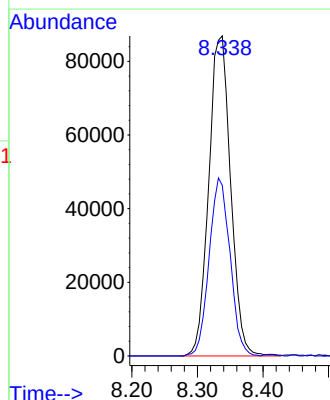
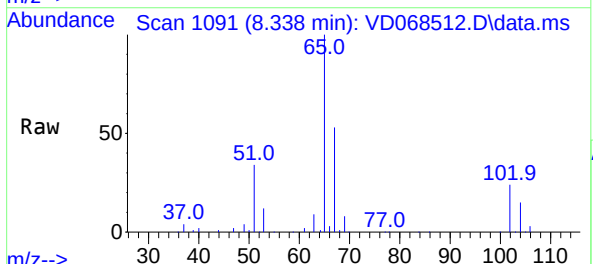
Instrument :
MSVOA_D
ClientSampleId :
BU-01-030221

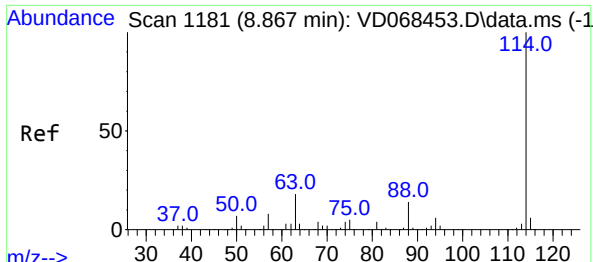
Tgt Ion:168 Resp: 391308
Ion Ratio Lower Upper
168 100
99 53.6 43.5 65.3



1,2-Dichloroethane-d4
Concen: 51.59 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Tgt Ion: 65 Resp: 201716
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



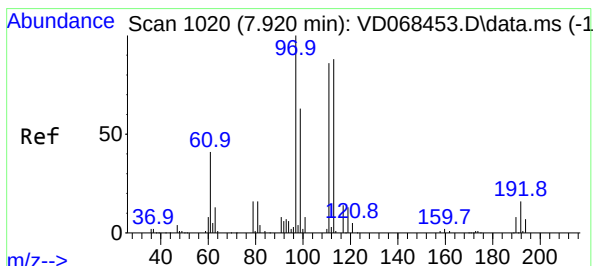
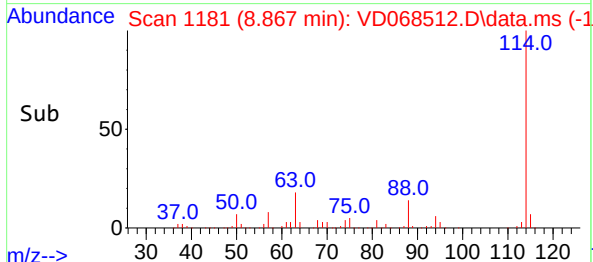
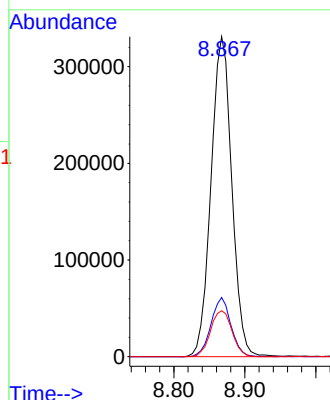
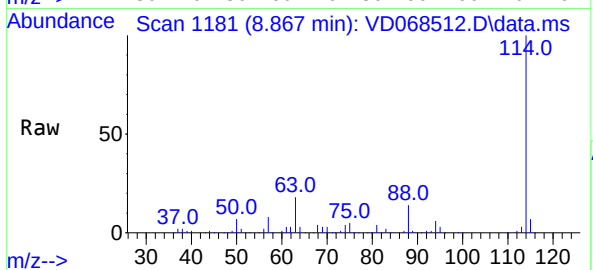


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Instrument :
MSVOA_D
ClientSampleId :
BU-01-030221

Tgt Ion:114 Resp: 671767

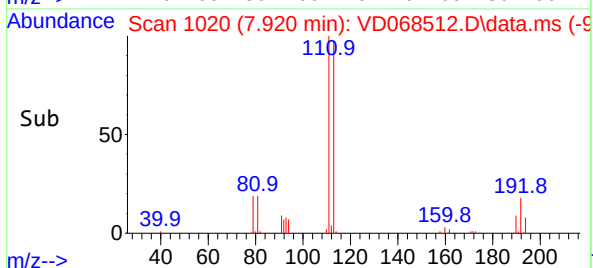
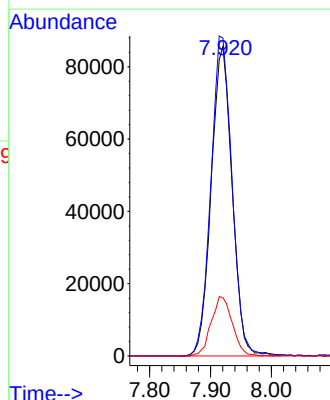
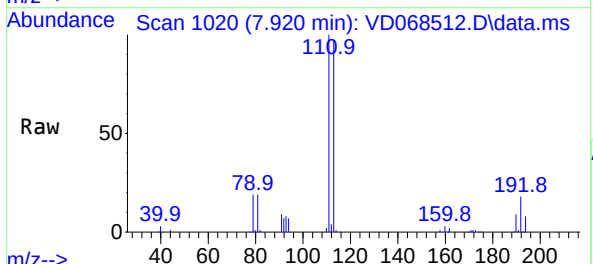
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.8
88	14.3	0.0	31.6

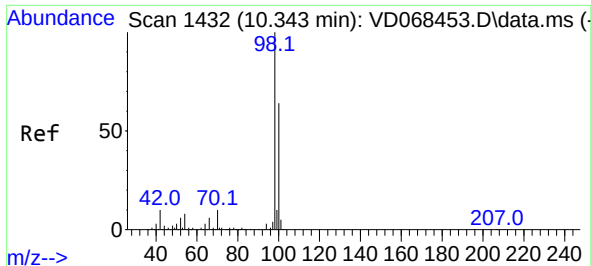


#35
Dibromofluoromethane
Concen: 50.41 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Tgt Ion:113 Resp: 203991

Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.0
192	19.4	16.1	24.1

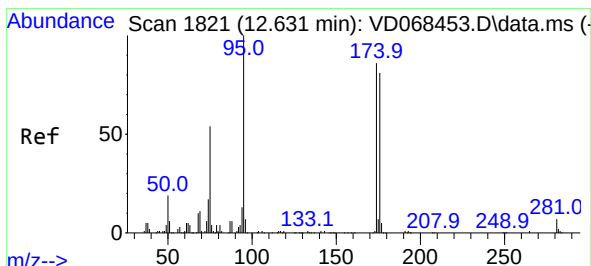
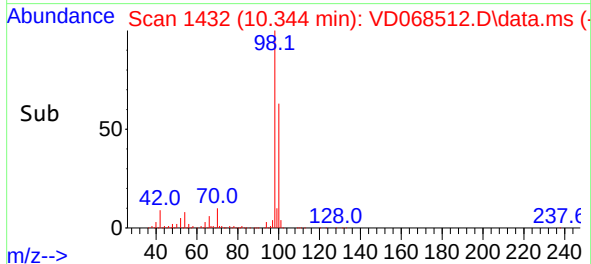
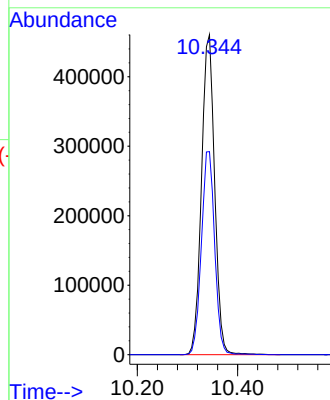
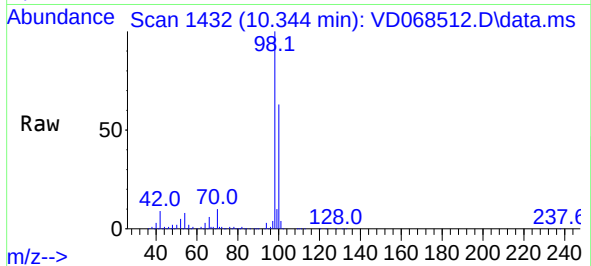




#50
Toluene-d8
Concen: 51.93 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

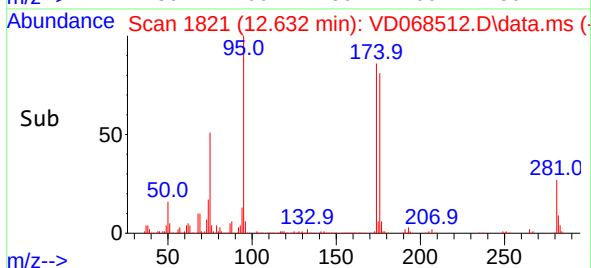
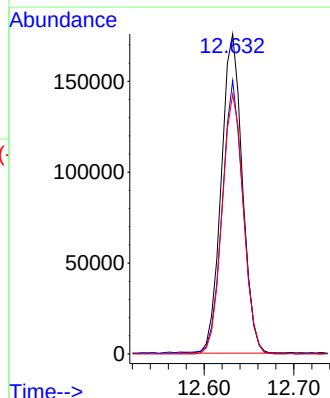
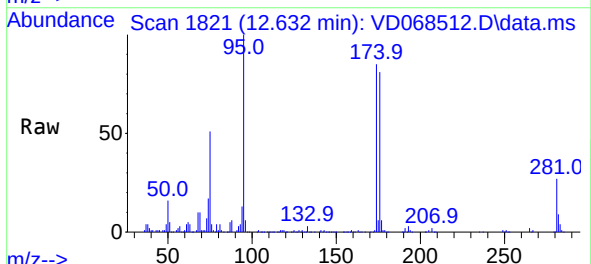
Instrument :
MSVOA_D
ClientSampleId :
BU-01-030221

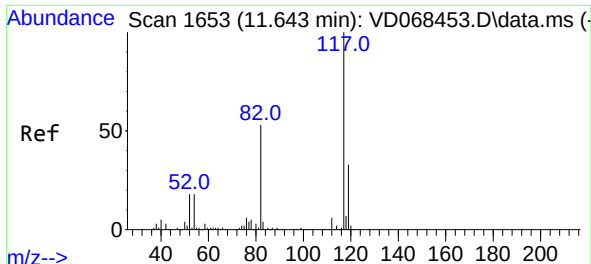
Tgt Ion: 98 Resp: 837084
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Tgt Ion: 95 Resp: 286813
Ion Ratio Lower Upper
95 100
174 84.8 0.0 172.4
176 82.4 0.0 168.4

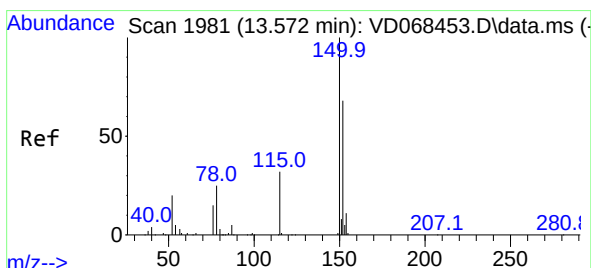
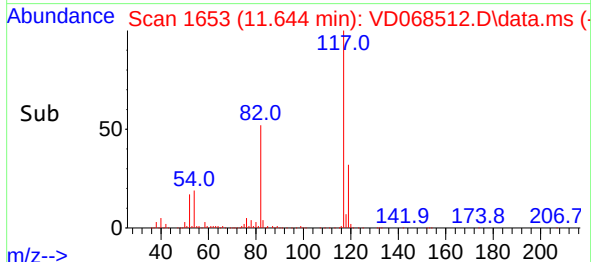
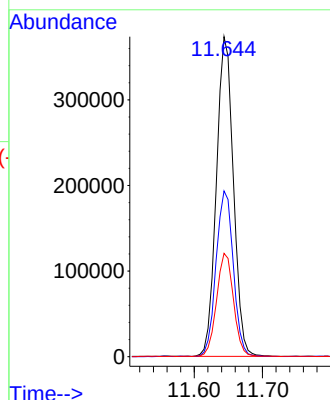
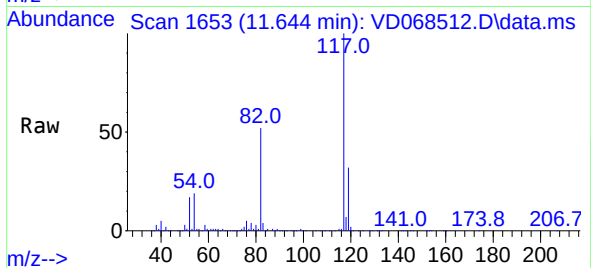




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

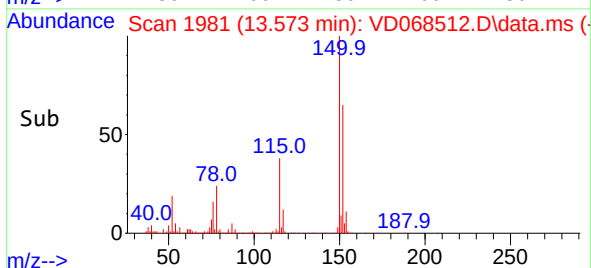
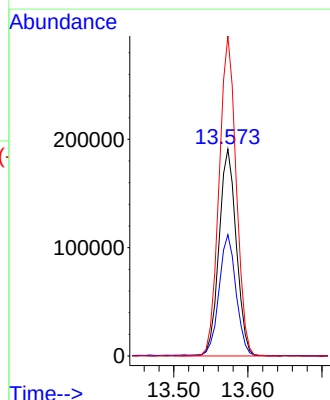
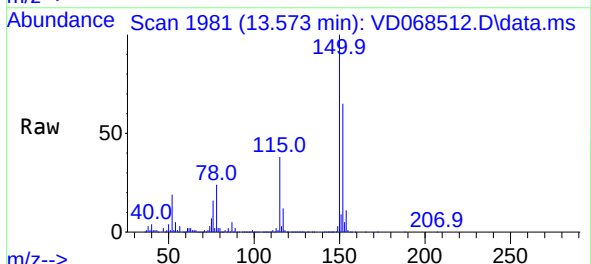
Instrument :
MSVOA_D
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BU-01-030221

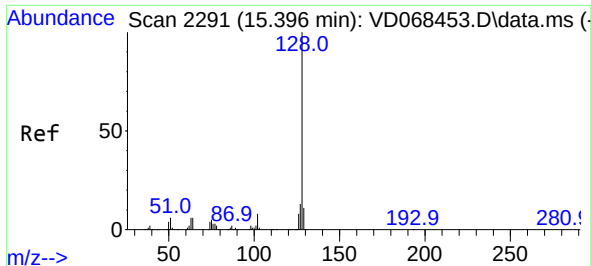
Tgt Ion:	117	Resp:	648830
Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.4	62.0
119	32.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Tgt Ion:	152	Resp:	309028
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.8
150	153.2	0.0	344.4





#95
Naphthalene
Concen: 1.50 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068512.D
Acq: 03 Mar 2021 14:53

Instrument :
MSVOA_D
ClientSampleId :
BU-01-030221

Tgt Ion:128 Resp: 18172
Ion Ratio Lower Upper
128 100
127 15.9 10.2 15.2#
129 8.7 8.8 13.2#

