

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069026.D
 Acq On : 29 Apr 2021 18:55
 Operator : VA/SY
 Sample : M2217-11
 Misc : 4.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HTRV2-COMP-TS01-02

Quant Time: Apr 30 03:54:40 2021
 Quant Title :
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	290861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	487912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	600766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	317793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	117968	38.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.76%
35) Dibromofluoromethane	7.920	113	151477	47.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.46%
50) Toluene-d8	10.338	98	620186	51.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.60%
62) 4-Bromofluorobenzene	12.632	95	273145	68.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	137.40%

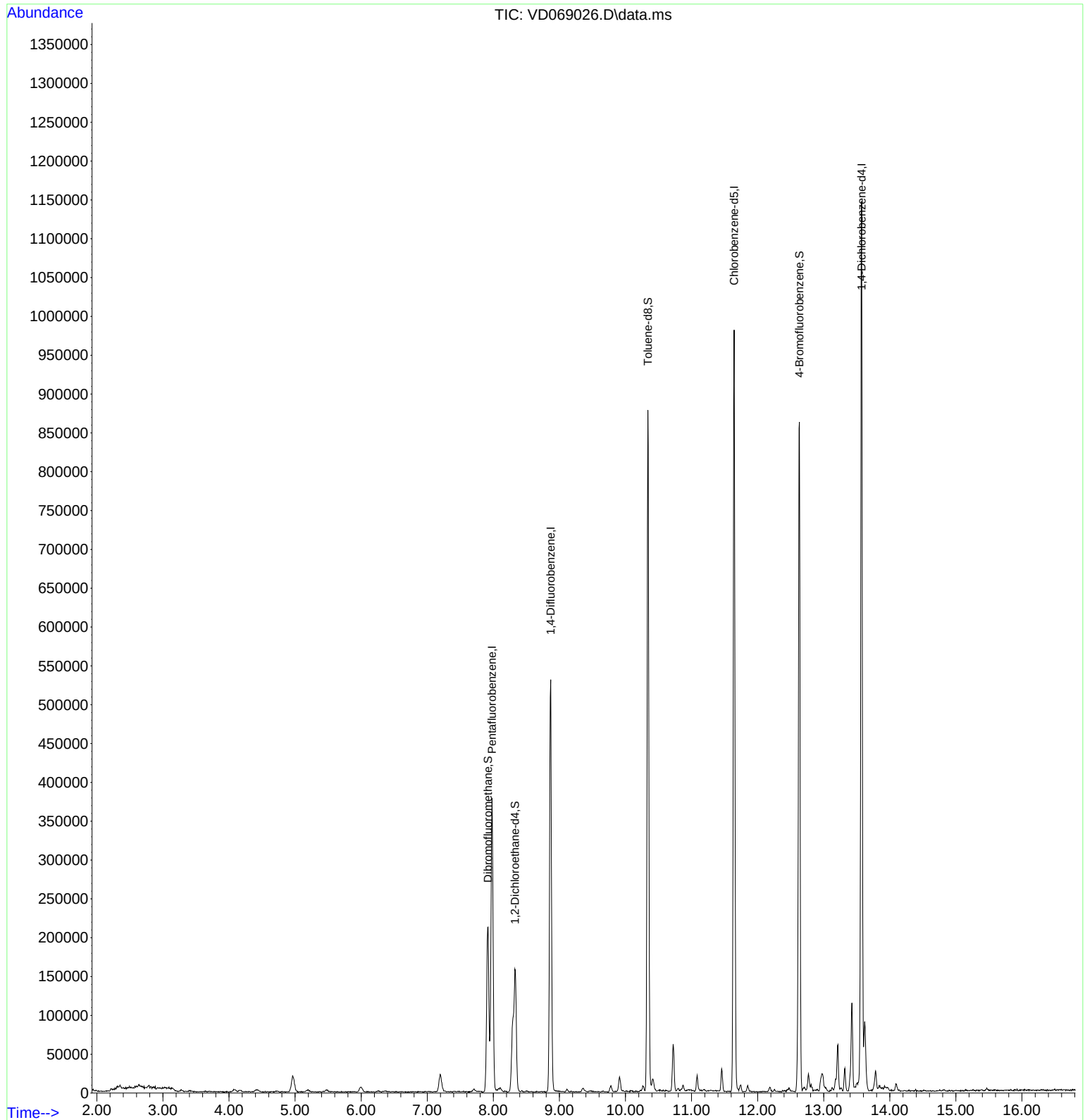
Target Compounds	Qvalue
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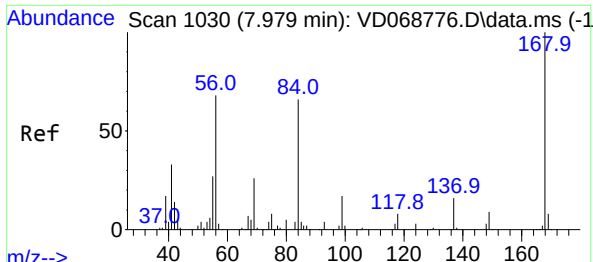
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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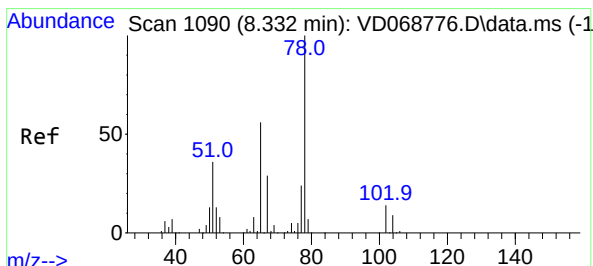
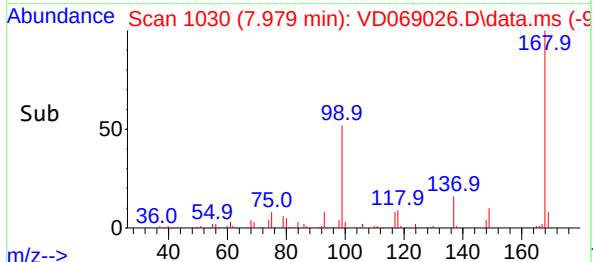
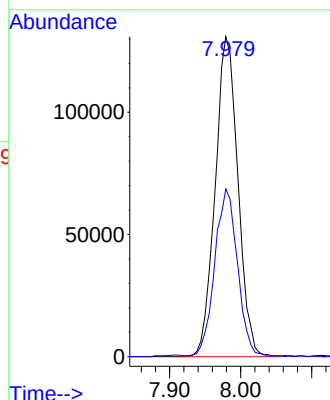
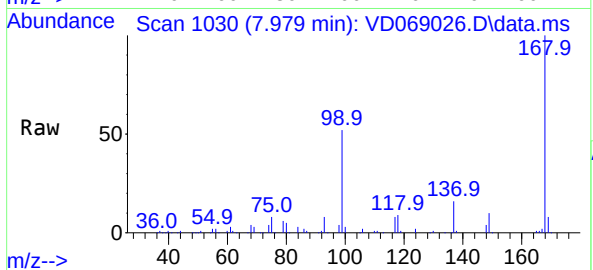




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

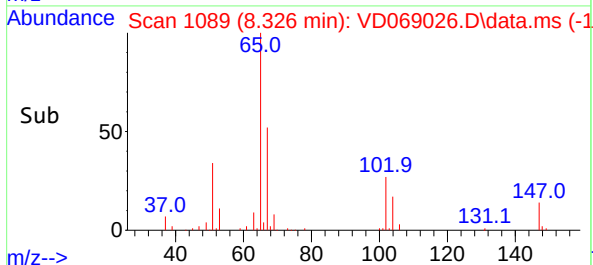
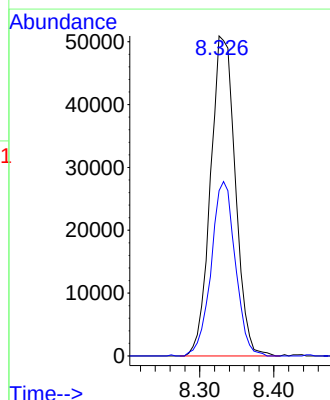
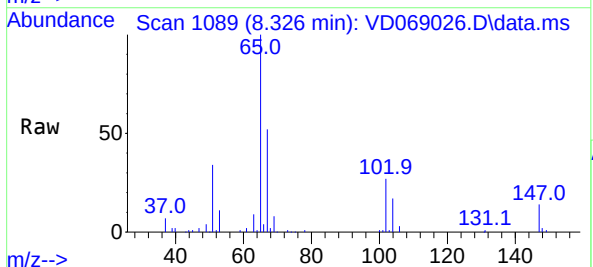
Instrument :
MSVOA_D
ClientSampleId :
HTCRV2-COMP-TS01-02

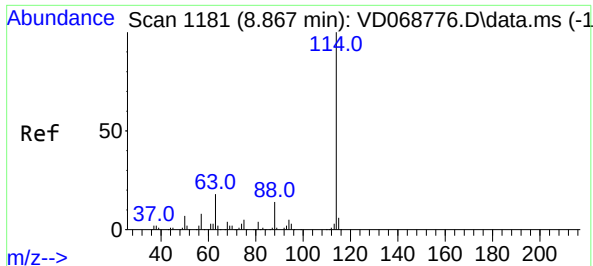
Tgt Ion:168 Resp: 290861
Ion Ratio Lower Upper
168 100
99 52.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 38.38 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Tgt Ion: 65 Resp: 117968
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



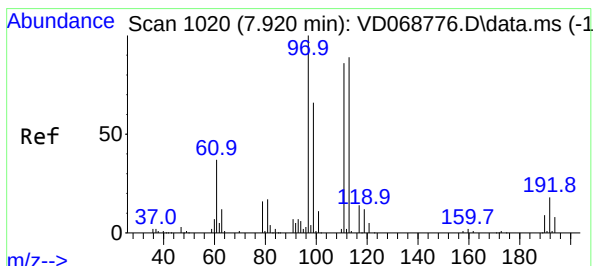
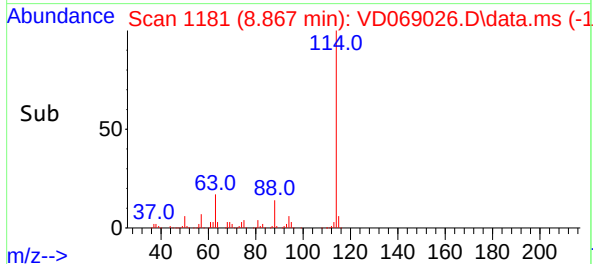
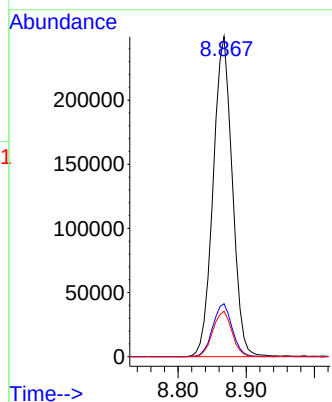
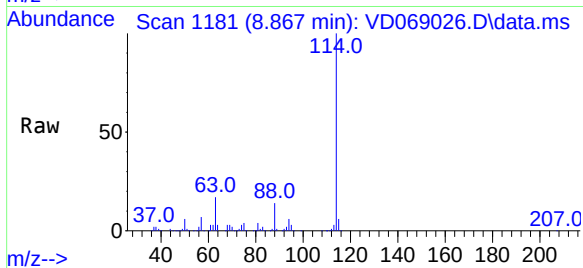


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :
HTCRV2-COMP-TS01-02

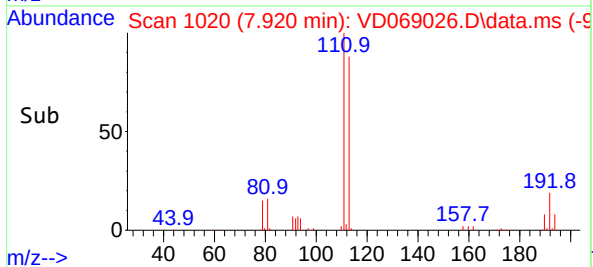
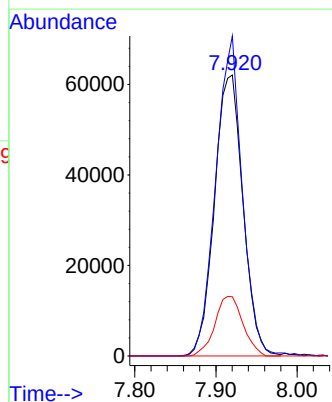
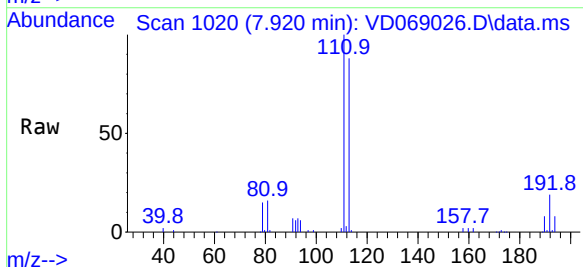
Tgt Ion:114 Resp: 487912
Ion Ratio Lower Upper
114 100
63 16.6 0.0 38.2
88 14.2 0.0 29.4

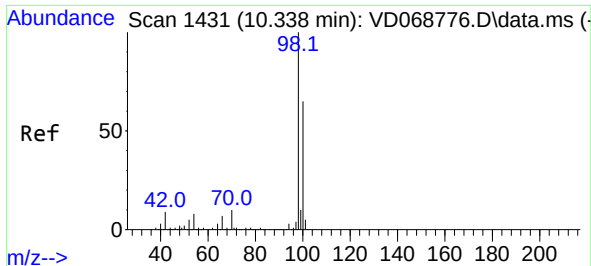


#35

Dibromofluoromethane
Concen: 47.73 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Tgt Ion:113 Resp: 151477
Ion Ratio Lower Upper
113 100
111 105.8 82.5 123.7
192 20.9 15.1 22.7

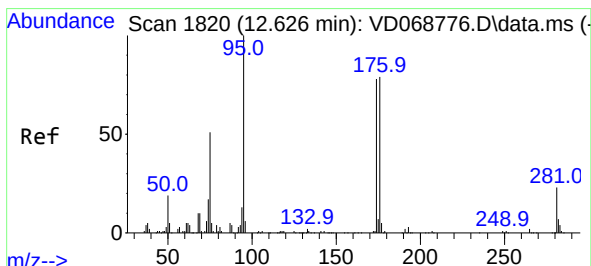
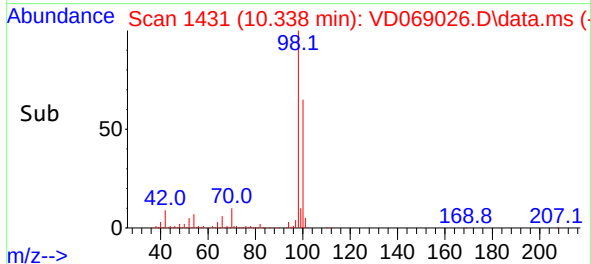
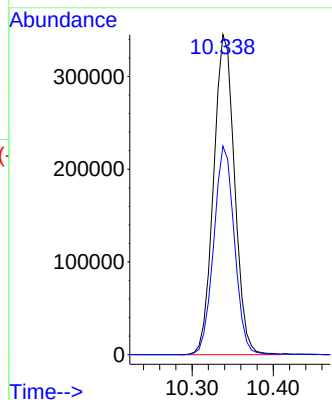
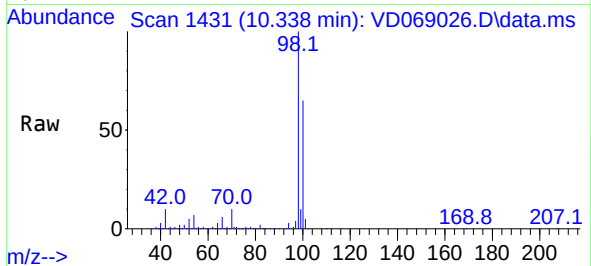




#50
Toluene-d8
Concen: 51.80 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

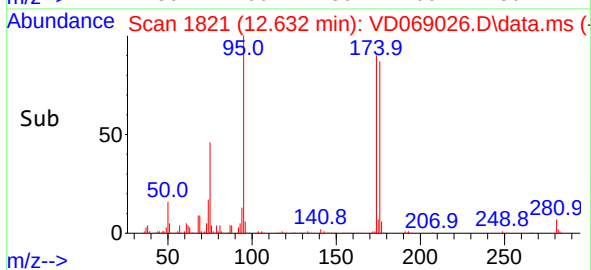
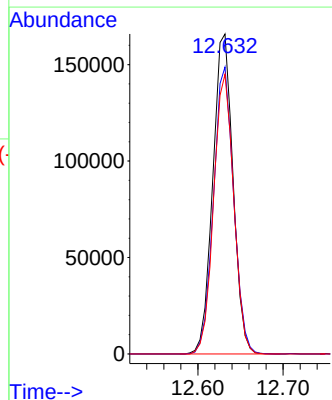
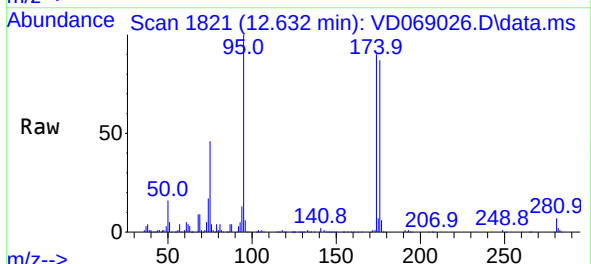
Instrument :
MSVOA_D
ClientSampleId :
HTCRV2-COMP-TS01-02

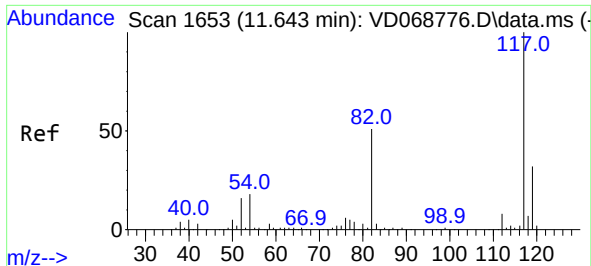
Tgt Ion: 98 Resp: 620186
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 68.70 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Tgt Ion: 95 Resp: 273145
Ion Ratio Lower Upper
95 100
174 89.3 0.0 168.0
176 86.8 0.0 160.2

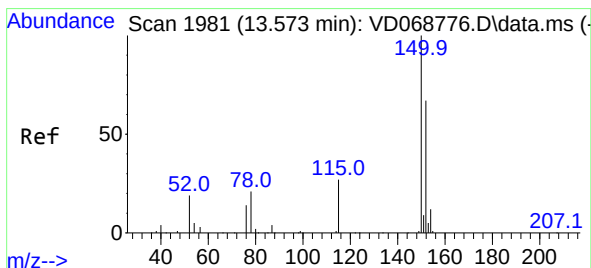
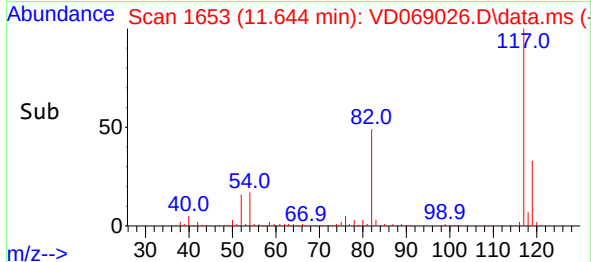
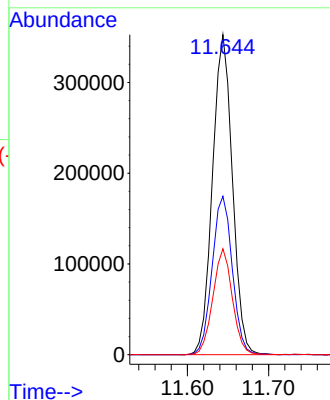
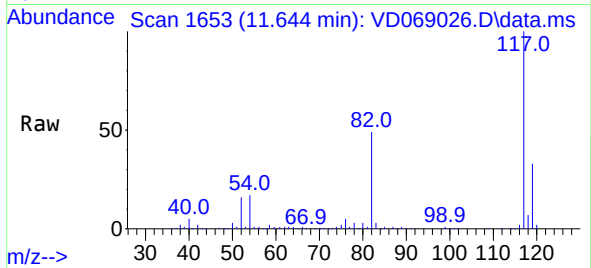




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Instrument :
MSVOA_D
ClientSampleId :
HTCRV2-COMP-TS01-02

Tgt Ion:	117	Resp:	600766
Ion	Ratio	Lower	Upper
117	100		
82	49.5	43.5	65.3
119	33.1	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069026.D
Acq: 29 Apr 2021 18:55

Tgt Ion:	152	Resp:	317793
Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.3	87.8
150	155.9	0.0	347.6

