

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069009.D
 Acq On : 28 Apr 2021 17:33
 Operator : VA/SY
 Sample : M2207-03
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4A-3-COMP

Quant Time: Apr 29 06:33:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 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	286321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	484377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	598317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	326675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124601	41.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.36%
35) Dibromofluoromethane	7.914	113	157353	49.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.88%
50) Toluene-d8	10.338	98	627289	52.78	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.56%
62) 4-Bromofluorobenzene	12.626	95	288432	73.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	146.14%#

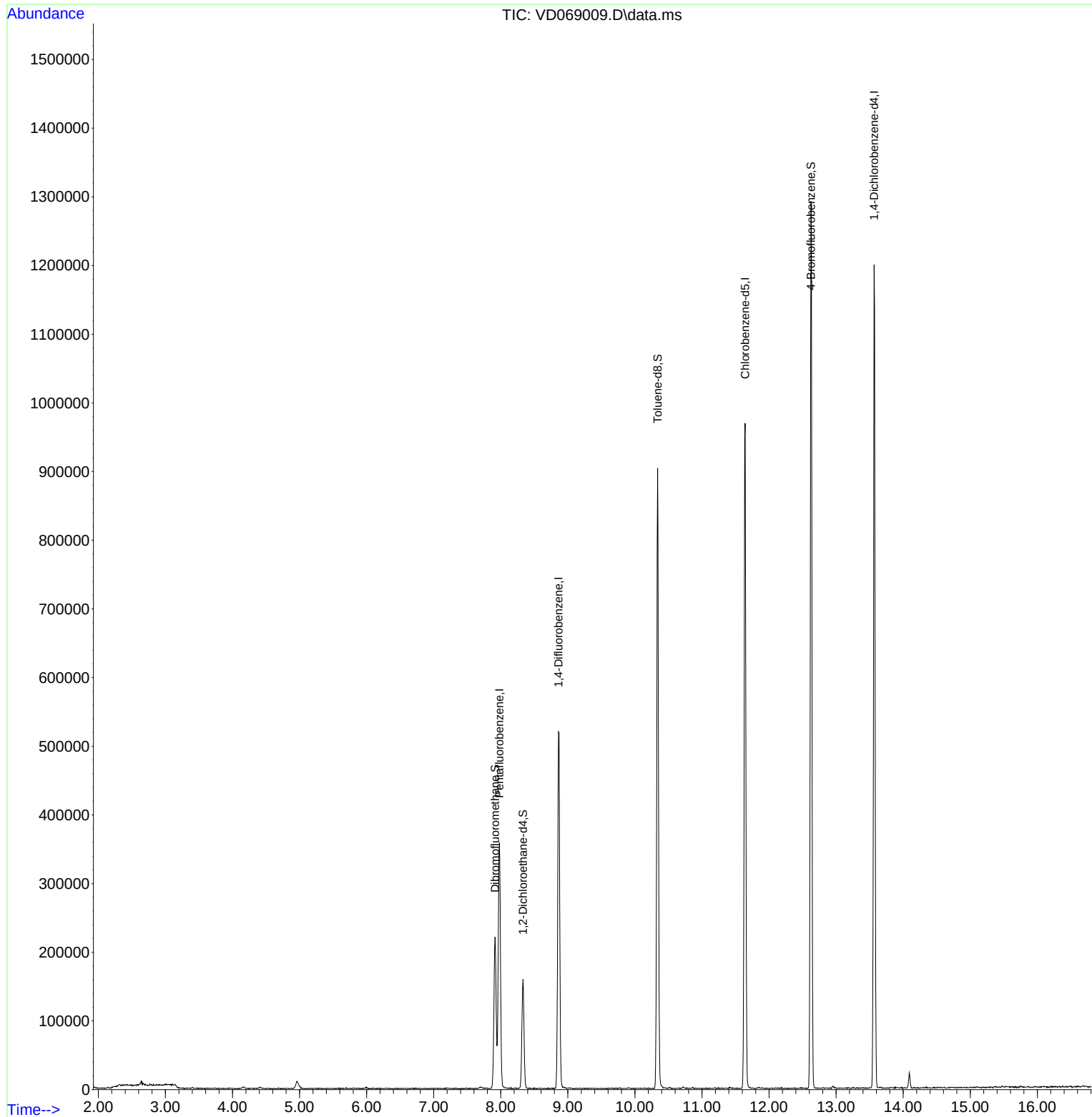
Target Compounds	Qvalue
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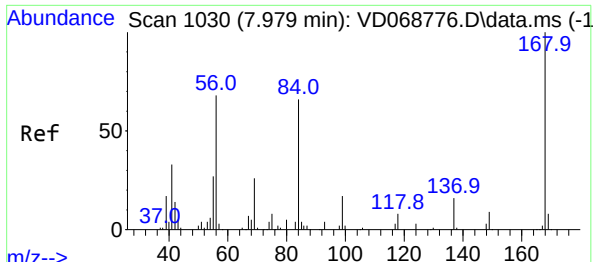
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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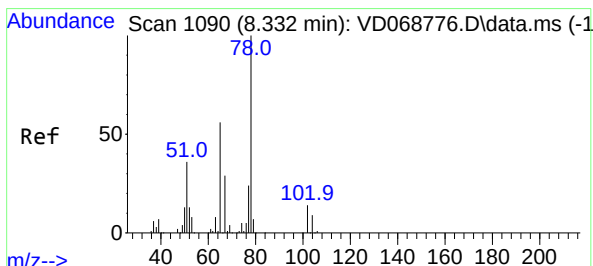
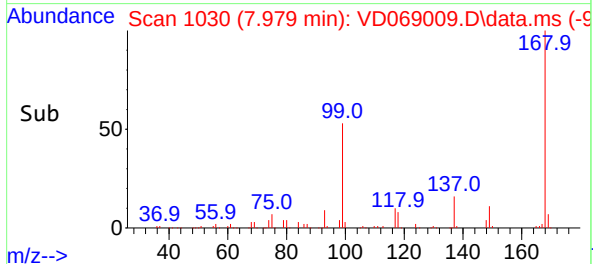
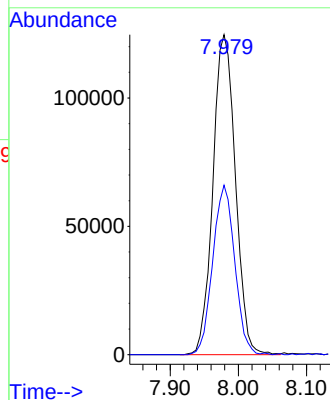
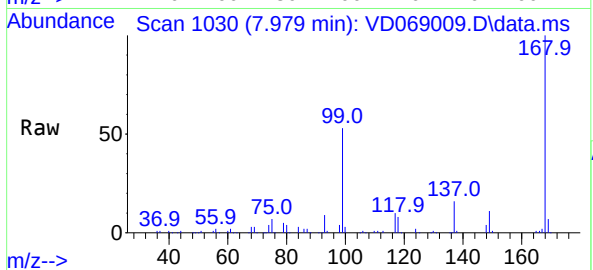




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

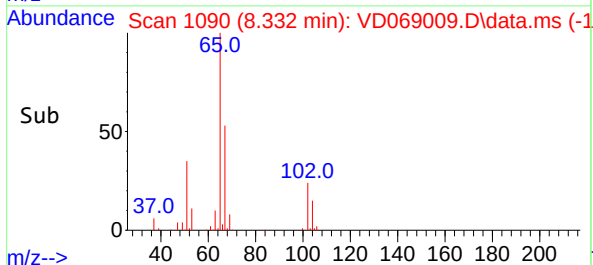
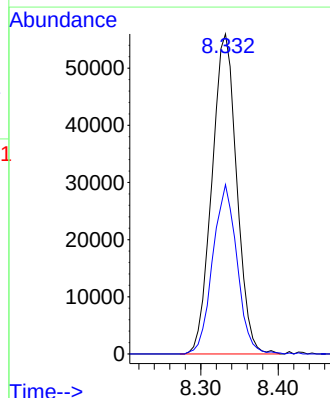
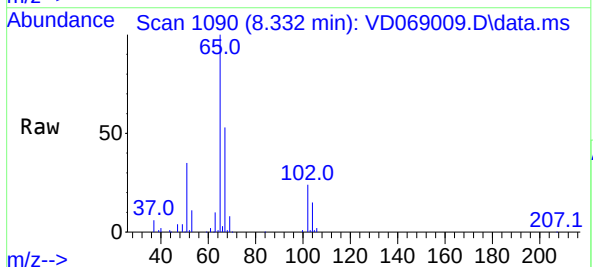
Instrument :
MSVOA_D
ClientSampleId :
TP-4A-3-COMP

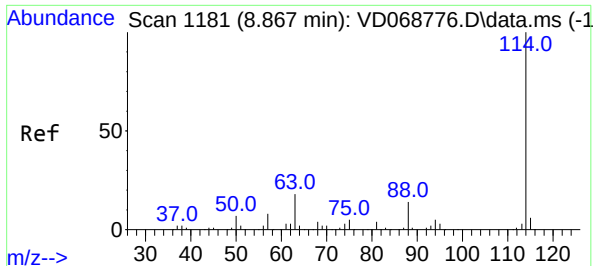
Tgt Ion:168 Resp: 286321
Ion Ratio Lower Upper
168 100
99 53.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion: 65 Resp: 124601
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0



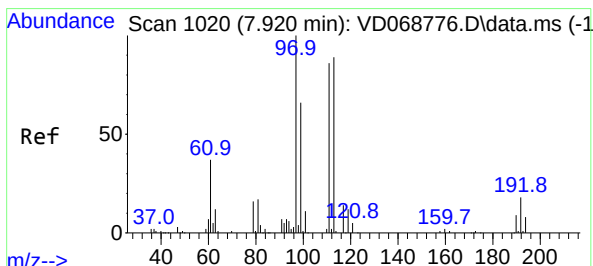
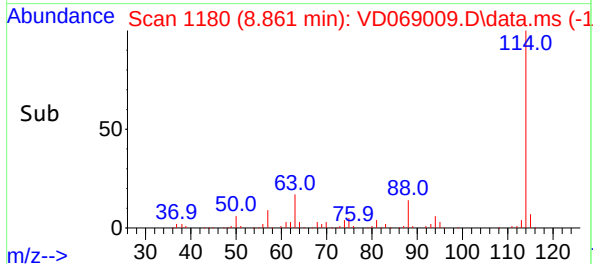
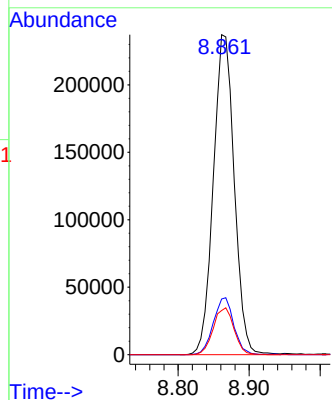
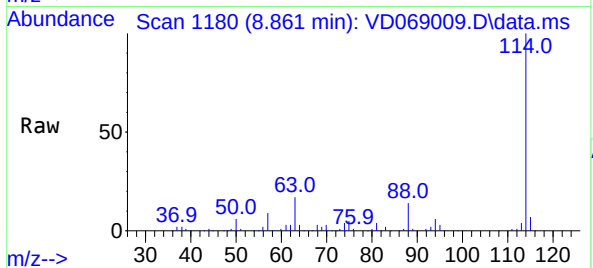


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Instrument :
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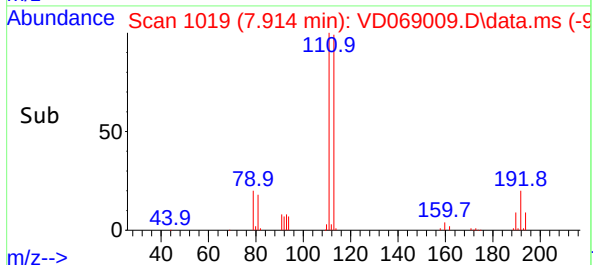
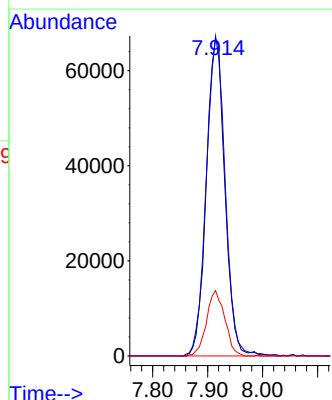
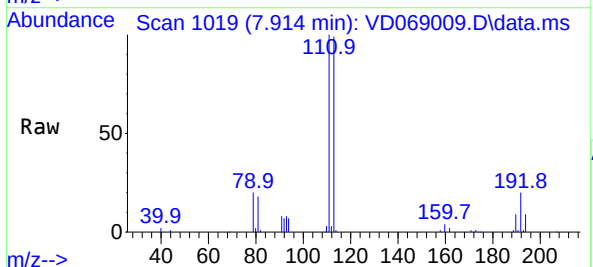
Tgt Ion:114 Resp: 484377
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 13.8 0.0 29.4

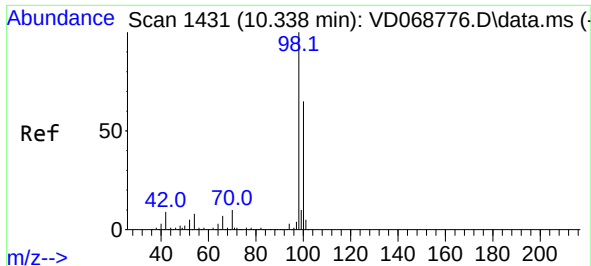


#35

Dibromofluoromethane
Concen: 49.94 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion:113 Resp: 157353
Ion Ratio Lower Upper
113 100
111 102.2 82.5 123.7
192 20.2 15.1 22.7

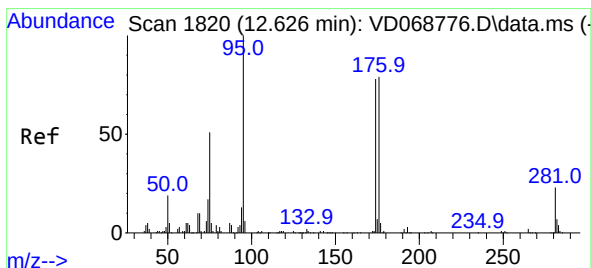
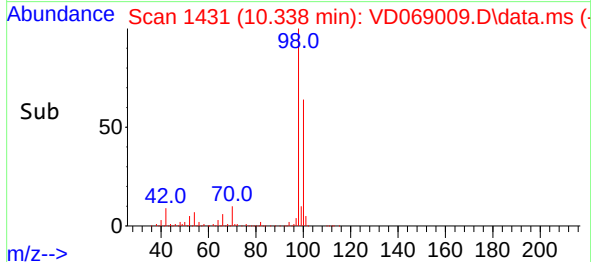
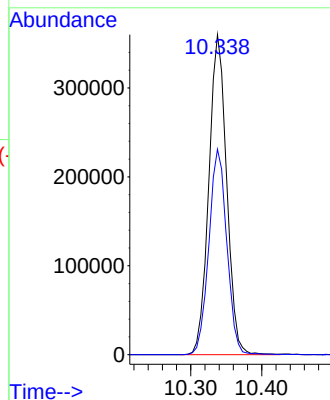
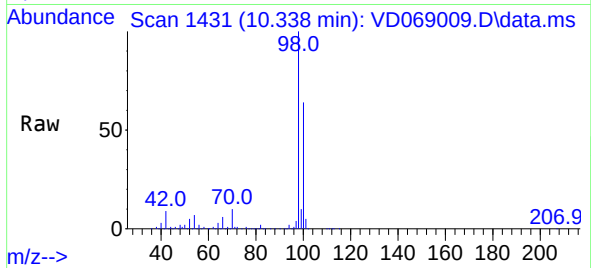




#50
Toluene-d8
Concen: 52.78 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

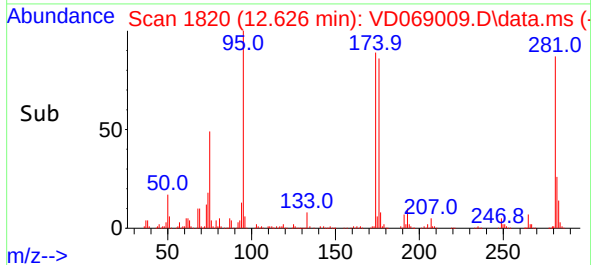
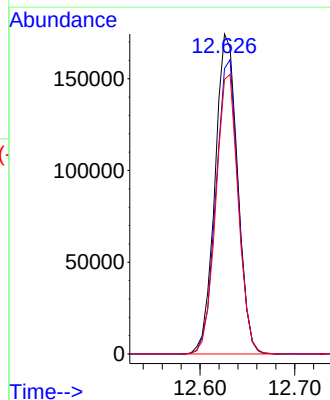
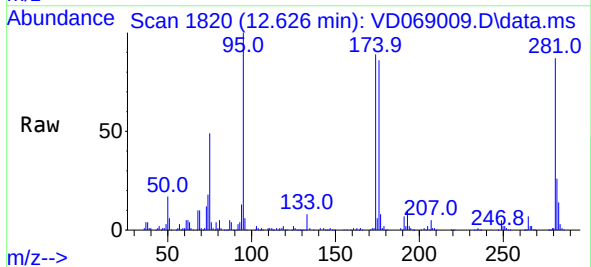
Instrument :
MSVOA_D
ClientSampleId :
TP-4A-3-COMP

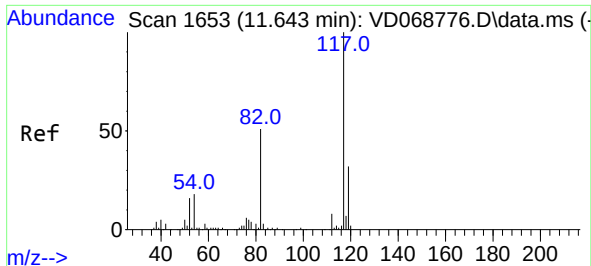
Tgt Ion: 98 Resp: 627289
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 73.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion: 95 Resp: 288432
Ion Ratio Lower Upper
95 100
174 90.8 0.0 168.0
176 86.6 0.0 160.2

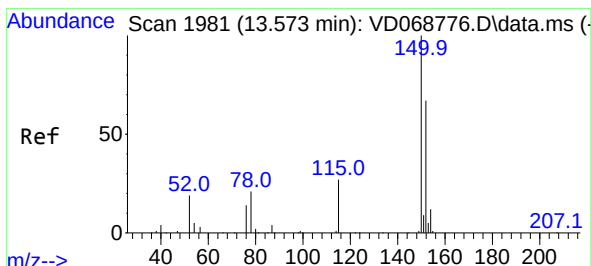
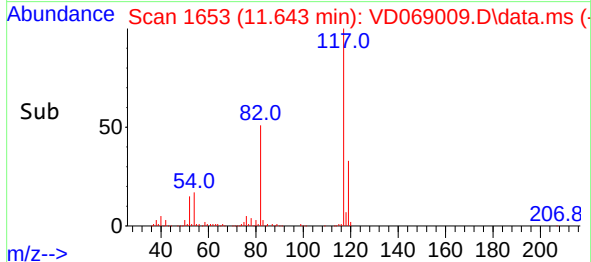
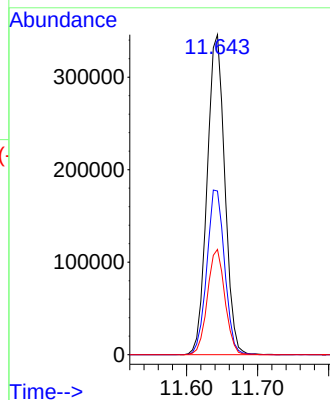
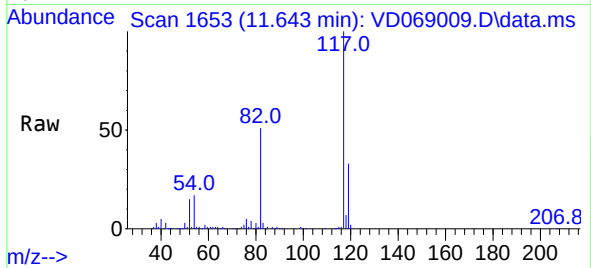




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Instrument :
MSVOA_D
ClientSampleId :
TP-4A-3-COMP

Tgt Ion:	117	Resp:	598317
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.5	65.3
119	32.9	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069009.D
Acq: 28 Apr 2021 17:33

Tgt Ion:	152	Resp:	326675
Ion	Ratio	Lower	Upper
152	100		
115	56.3	29.3	87.8
150	160.4	0.0	347.6

