

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070268.D
 Acq On : 26 Aug 2021 13:51
 Operator : VA/SY
 Sample : M3543-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP

Quant Time: Aug 27 01:23:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	201121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	382037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	416100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	173690	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173617	73.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.800%
35) Dibromofluoromethane	7.914	113	153275	62.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.200%
50) Toluene-d8	10.338	98	499891	52.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.626	95	169291	53.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.080%

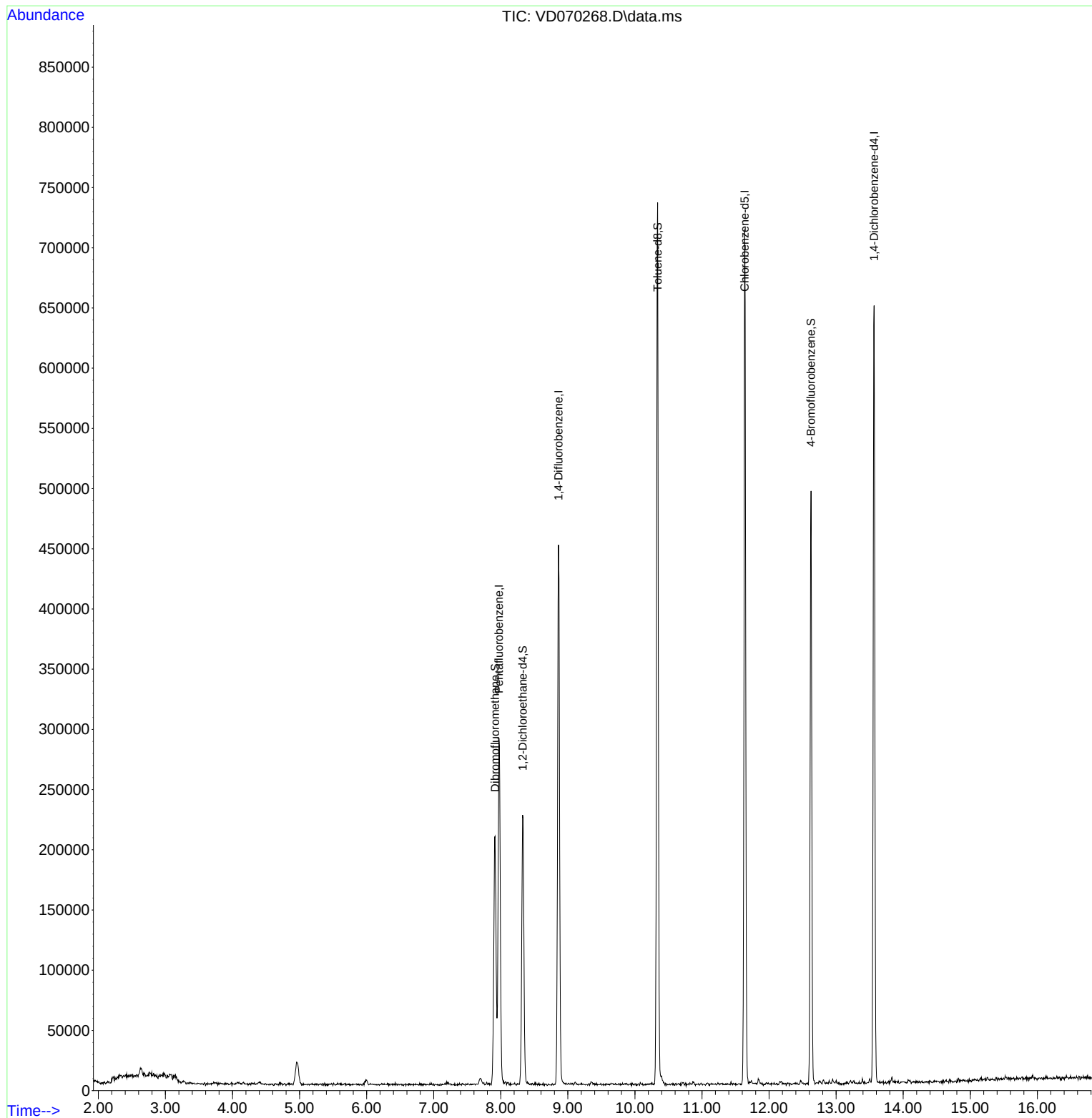
Target Compounds	Qvalue

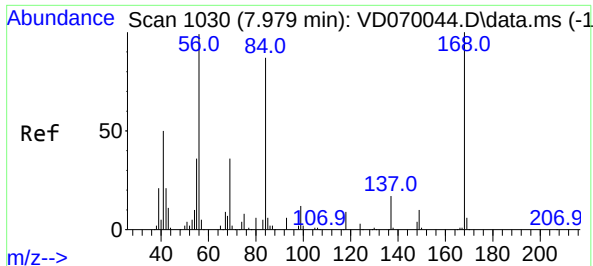
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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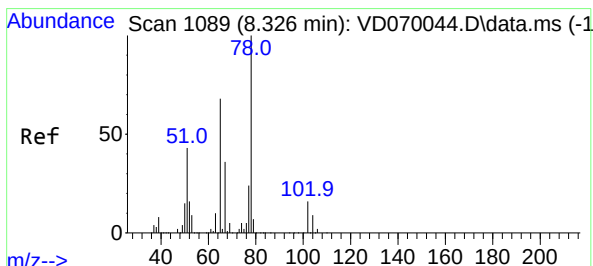
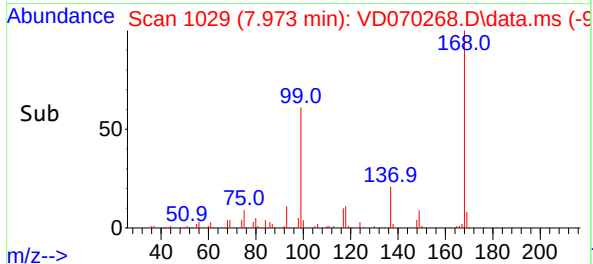
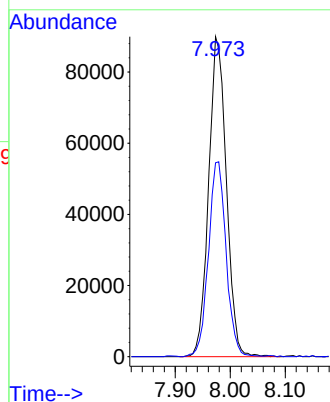
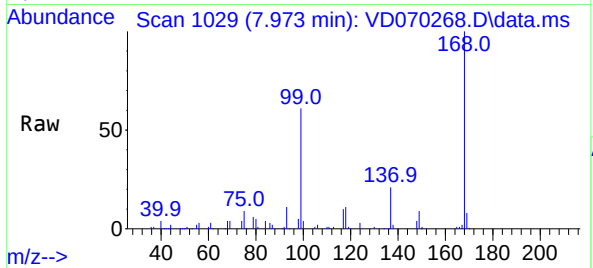




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

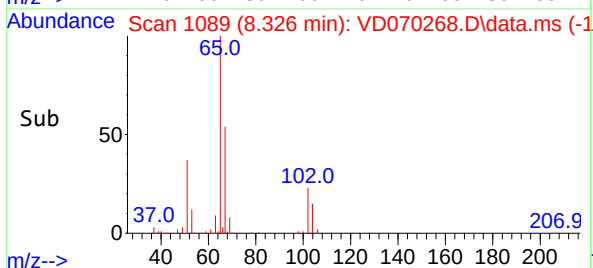
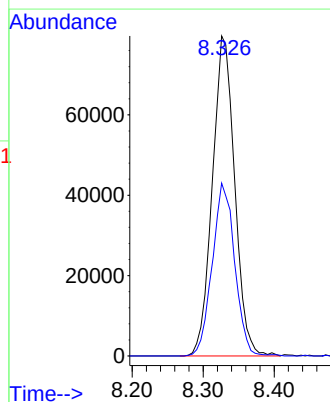
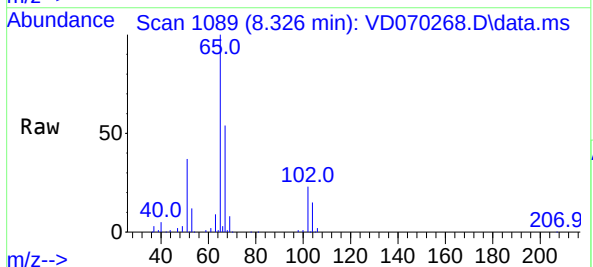
Instrument :
MSVOA_D
ClientSampled :
SP

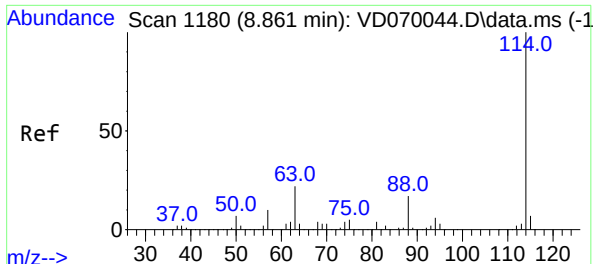
Tgt Ion:168 Resp: 201121
Ion Ratio Lower Upper
168 100
99 60.6 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 73.396 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

Tgt Ion: 65 Resp: 173617
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8

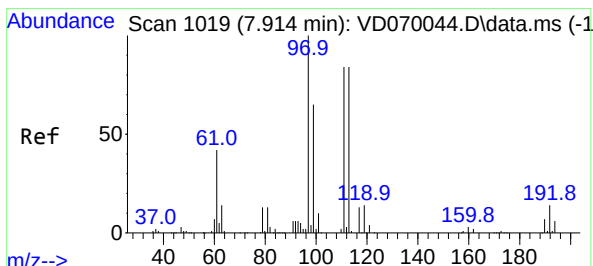
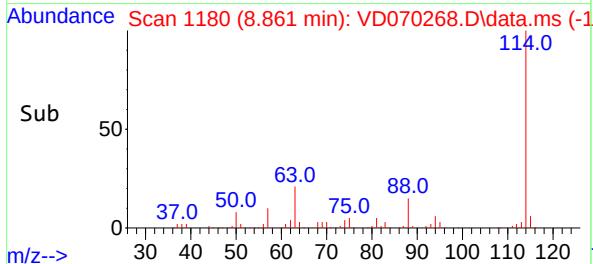
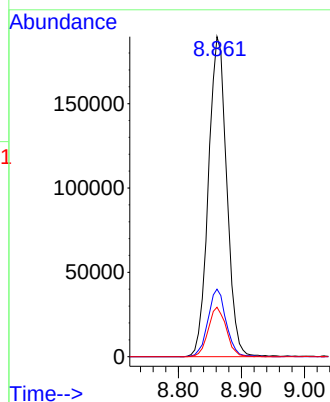
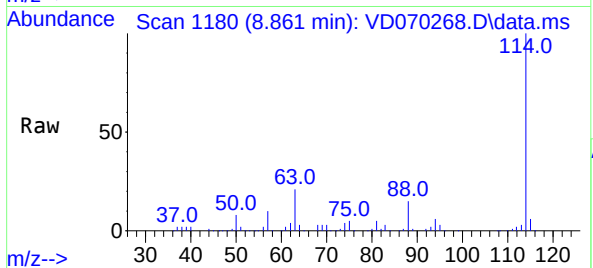




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

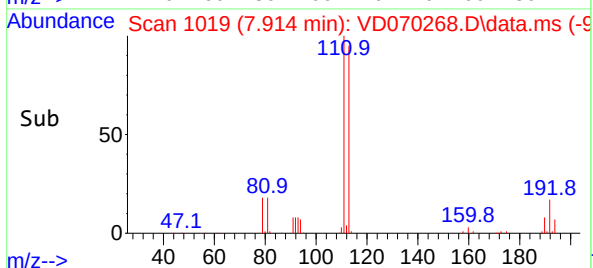
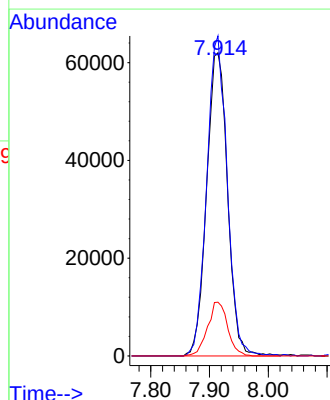
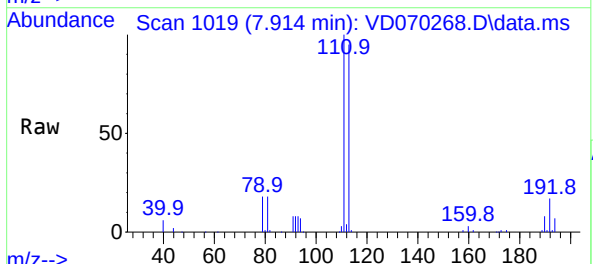
Instrument :
MSVOA_D
ClientSampled :
SP

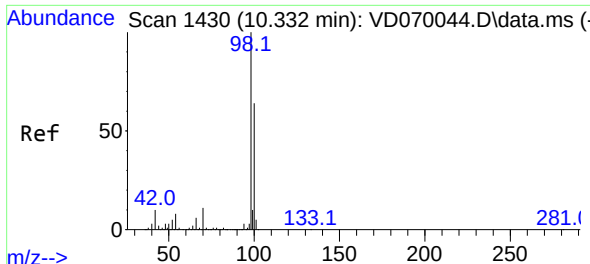
Tgt Ion:114 Resp: 382037
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 62.100 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

Tgt Ion:113 Resp: 153275
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.0 13.2 19.8

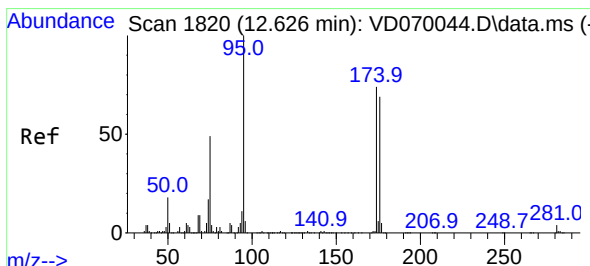
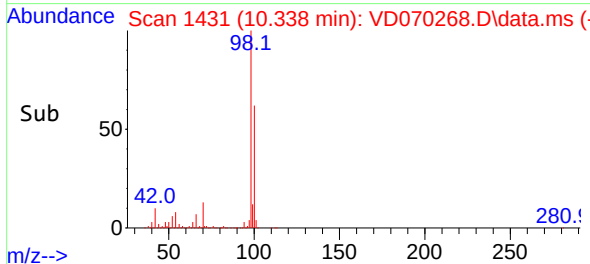
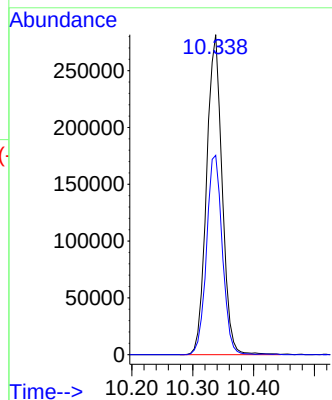
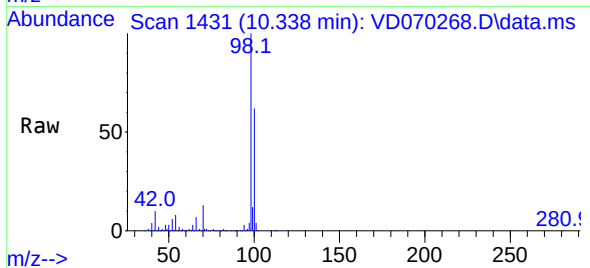




#50
Toluene-d8
Concen: 52.072 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

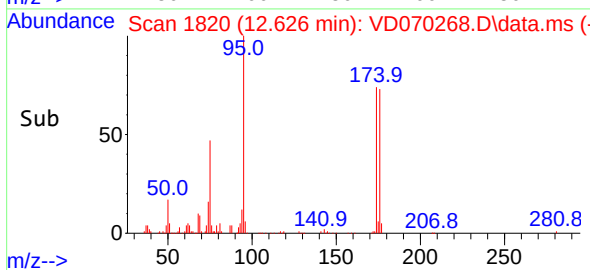
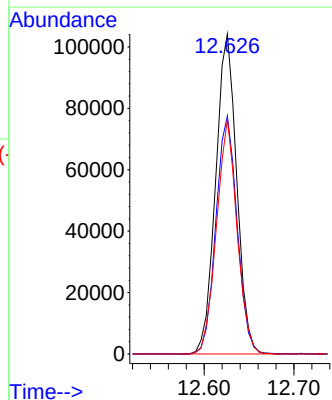
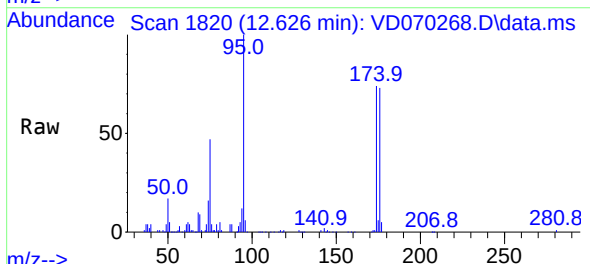
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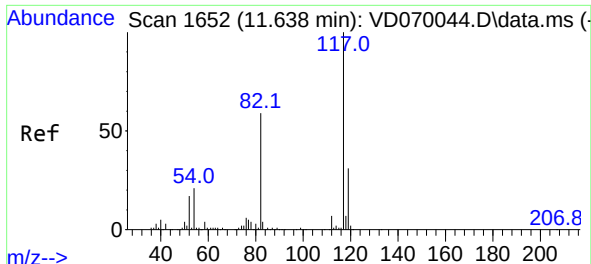
Tgt Ion: 98 Resp: 499891
Ion Ratio Lower Upper
98 100
100 63.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.540 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

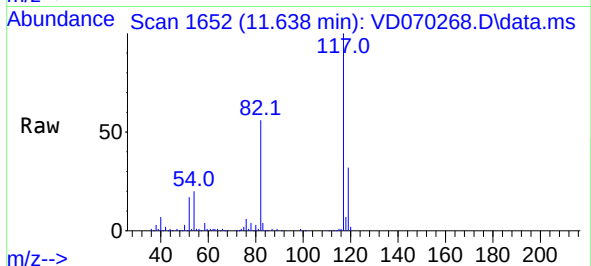
Tgt Ion: 95 Resp: 169291
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.6
176 71.6 0.0 138.2



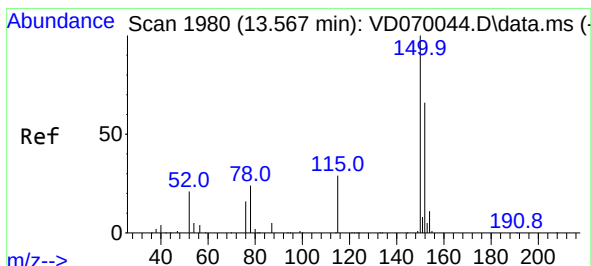
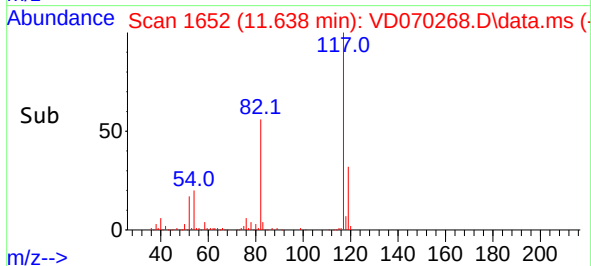
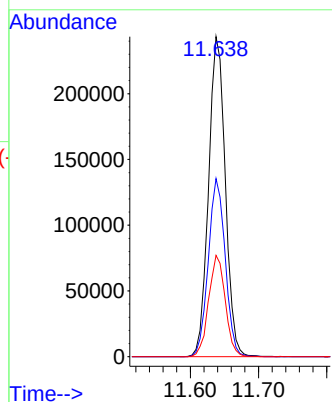


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

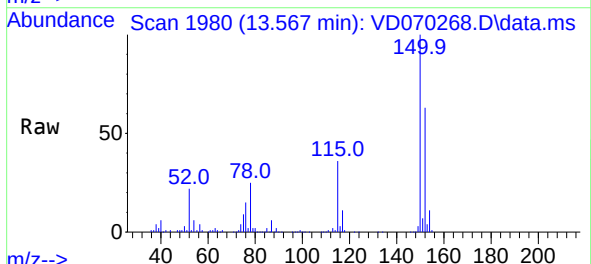
Instrument :
MSVOA_D
ClientSampleId :
SP



Tgt Ion:117 Resp: 416100
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51



Tgt Ion:152 Resp: 173690
Ion Ratio Lower Upper
152 100
115 61.0 31.2 93.6
150 160.0 0.0 352.0

