

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070643.D
 Acq On : 08 Oct 2021 17:16
 Operator : VA/SY
 Sample : M4129-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-100721RE

Quant Time: Oct 08 18:12:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	37153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	63373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	64138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	25067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33286	76.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.260%
35) Dibromofluoromethane	7.908	113	26179	62.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.260%
50) Toluene-d8	10.338	98	82031	50.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.626	95	25224	46.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.700%

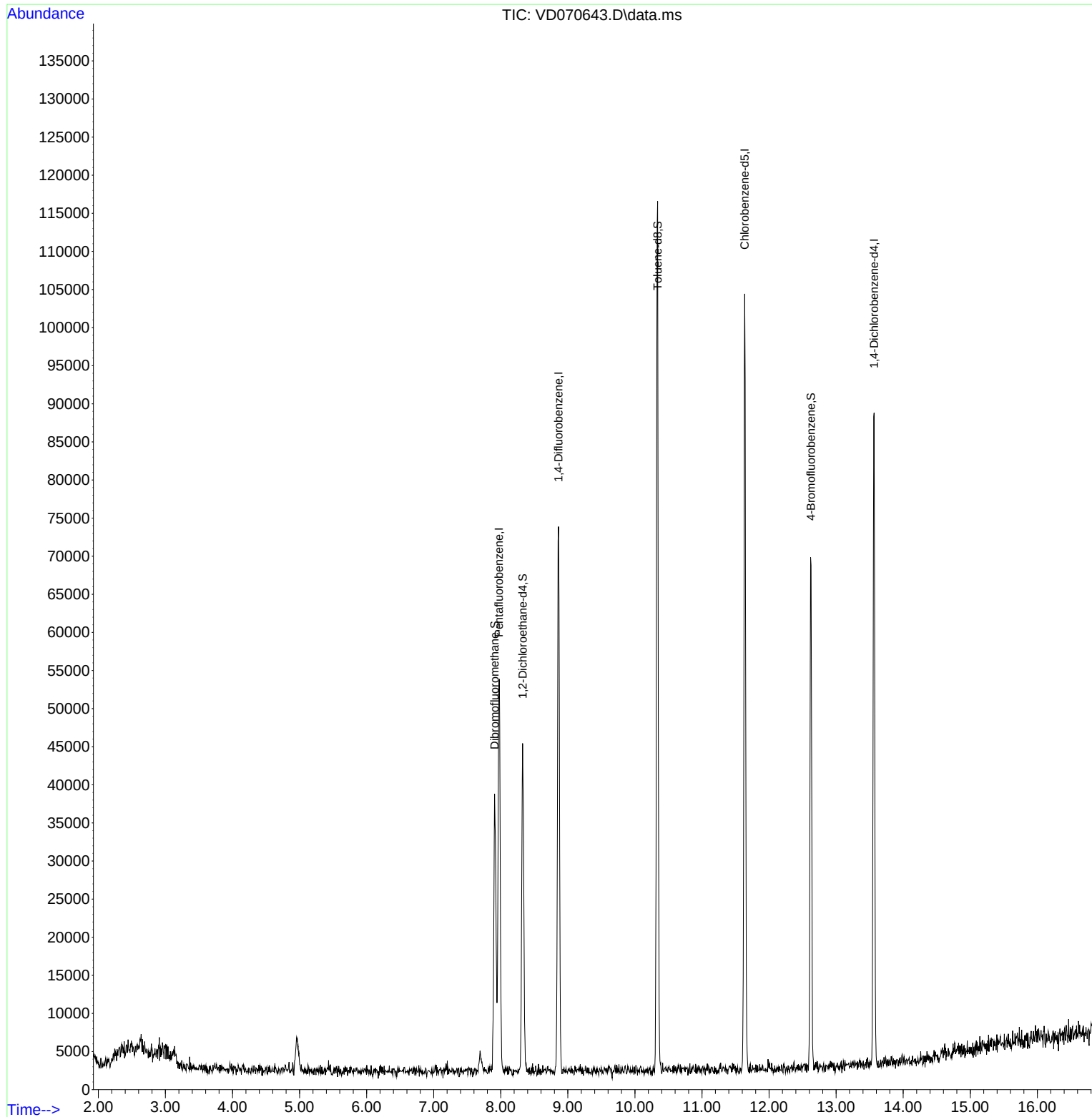
Target Compounds	Qvalue

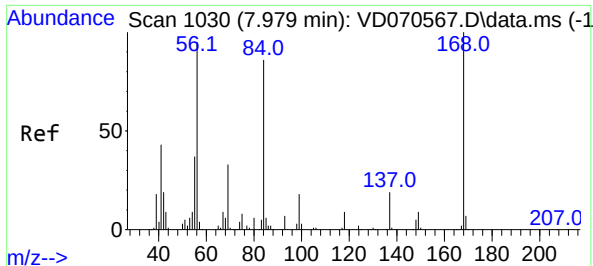
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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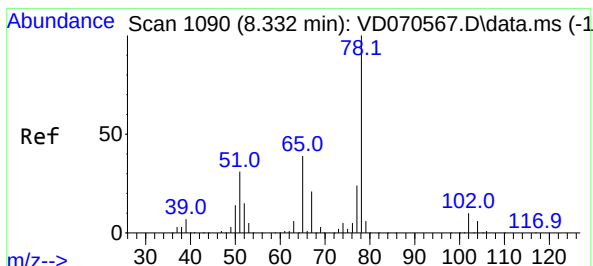
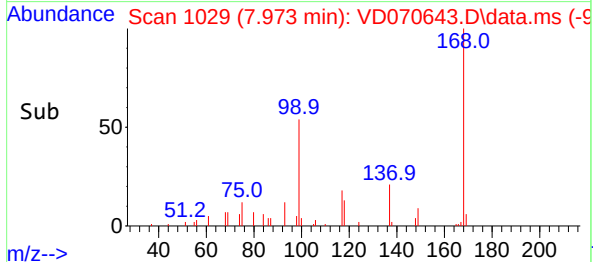
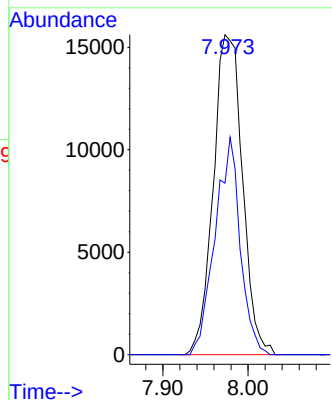
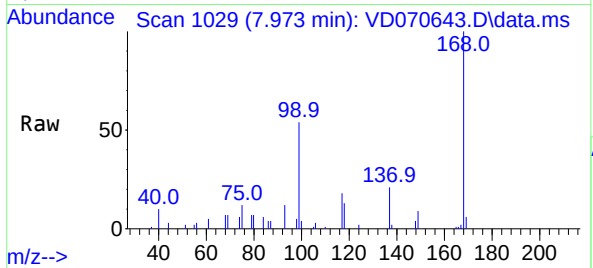




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

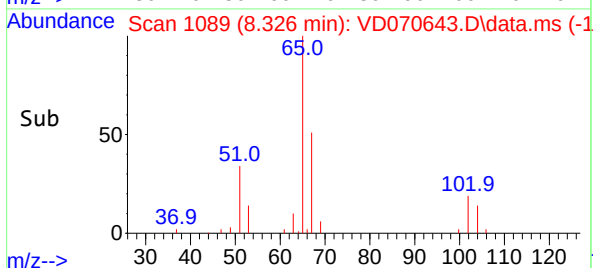
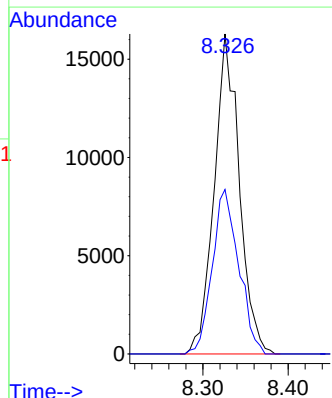
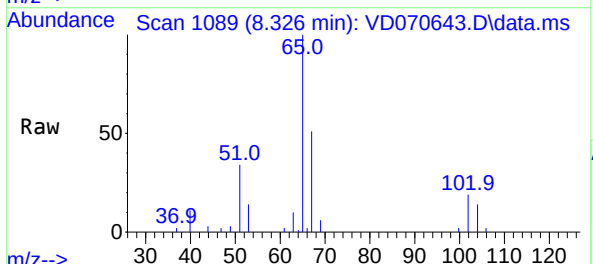
Instrument :
MSVOA_D
ClientSampleId :
OK-02-100721RE

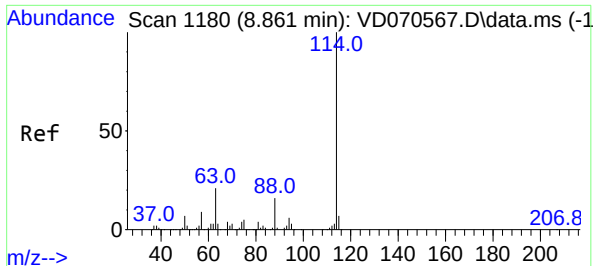
Tgt Ion:168 Resp: 37153
Ion Ratio Lower Upper
168 100
99 53.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 76.128 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion: 65 Resp: 33286
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2



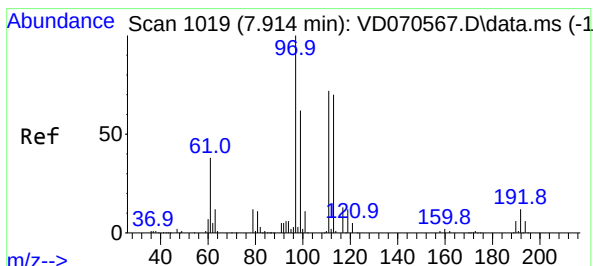
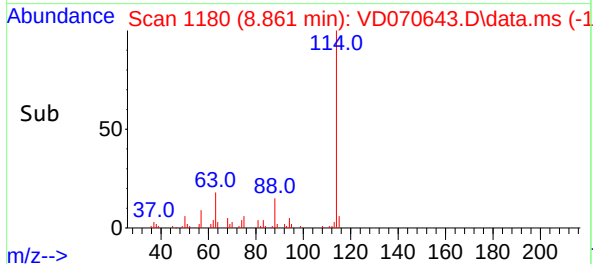
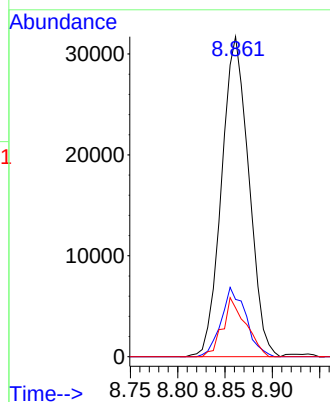
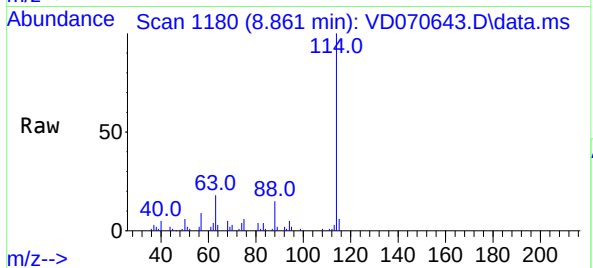


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
OK-02-100721RE

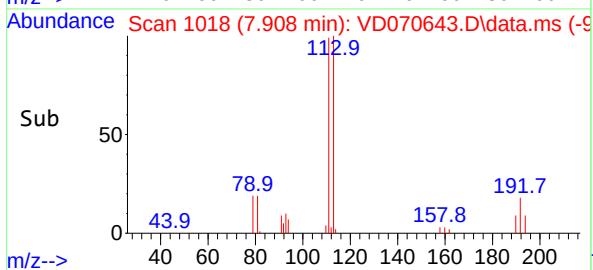
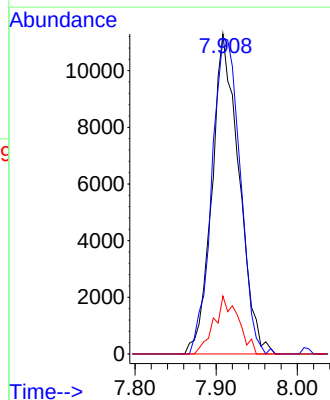
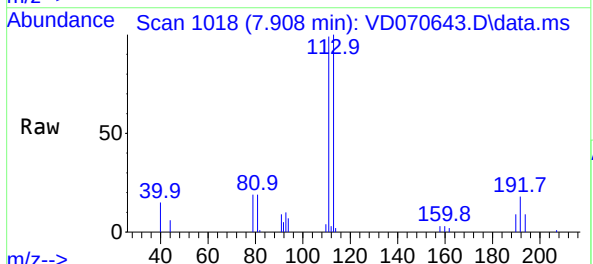
Tgt Ion:	114	Resp:	63373
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	41.8
88	15.3	0.0	32.6

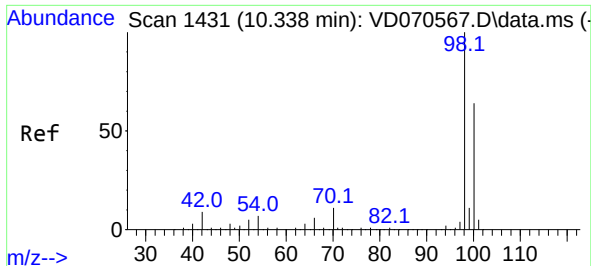


#35

Dibromofluoromethane
Concen: 62.133 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion:	113	Resp:	26179
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	16.1	12.7	19.1

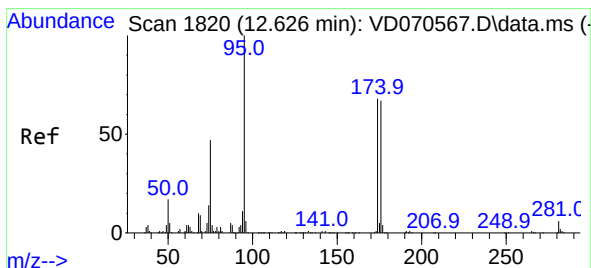
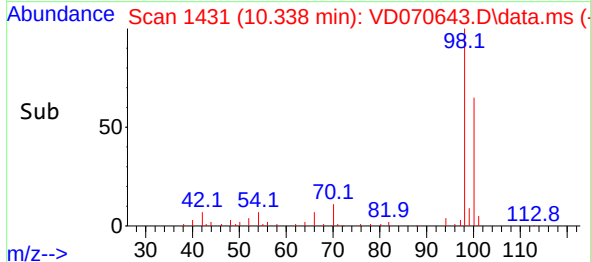
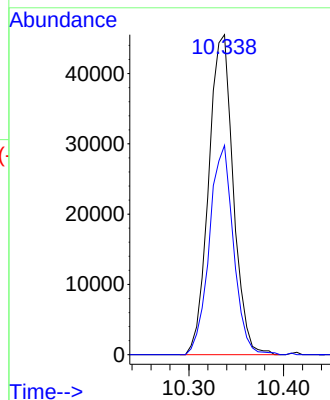
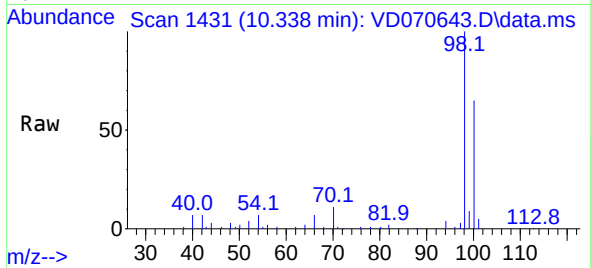




#50
Toluene-d8
Concen: 50.928 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

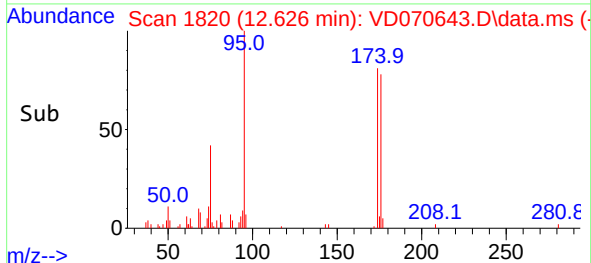
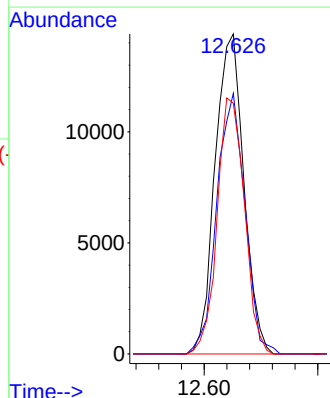
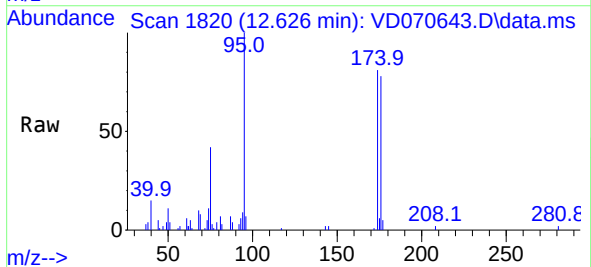
Instrument :
MSVOA_D
ClientSampleId :
OK-02-100721RE

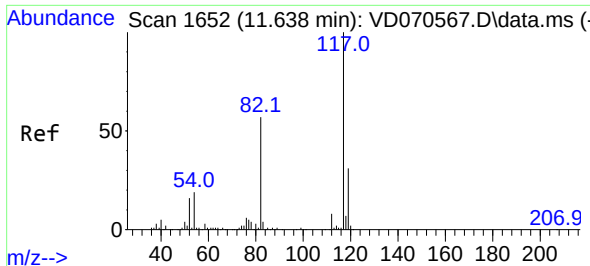
Tgt Ion: 98 Resp: 82031
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.855 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion: 95 Resp: 25224
Ion Ratio Lower Upper
95 100
174 80.4 0.0 138.0
176 76.0 0.0 135.6

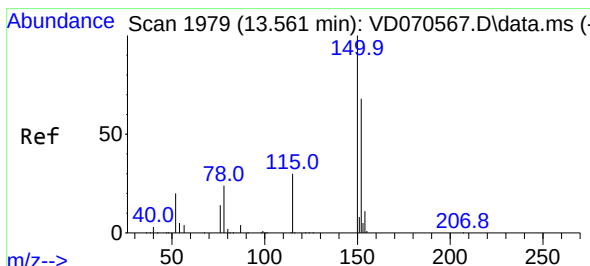
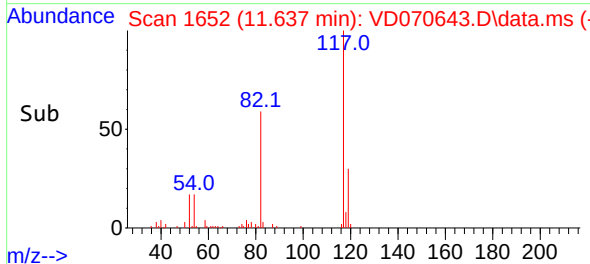
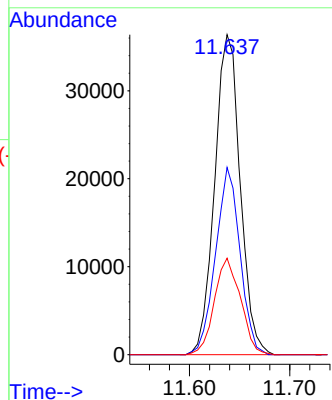
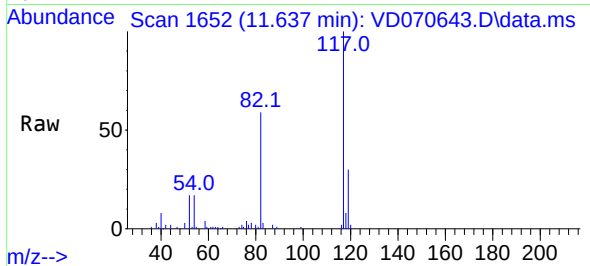




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
OK-02-100721RE

Tgt Ion:	117	Resp:	64138
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.4	68.2
119	30.2	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070643.D
Acq: 08 Oct 2021 17:16

Tgt Ion:	152	Resp:	25067
Ion	Ratio	Lower	Upper
152	100		
115	59.1	31.9	95.7
150	158.7	0.0	350.0

