

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070885.D
 Acq On : 28 Oct 2021 11:28
 Operator : VA/SY
 Sample : VD1028SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1028SBL01

Quant Time: Oct 29 05:22:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	581819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1004894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	948698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	450433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	275216	47.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.060%
35) Dibromofluoromethane	7.909	113	319612	48.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.480%
50) Toluene-d8	10.332	98	1247906	50.062	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.626	95	393916	47.895	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.780%

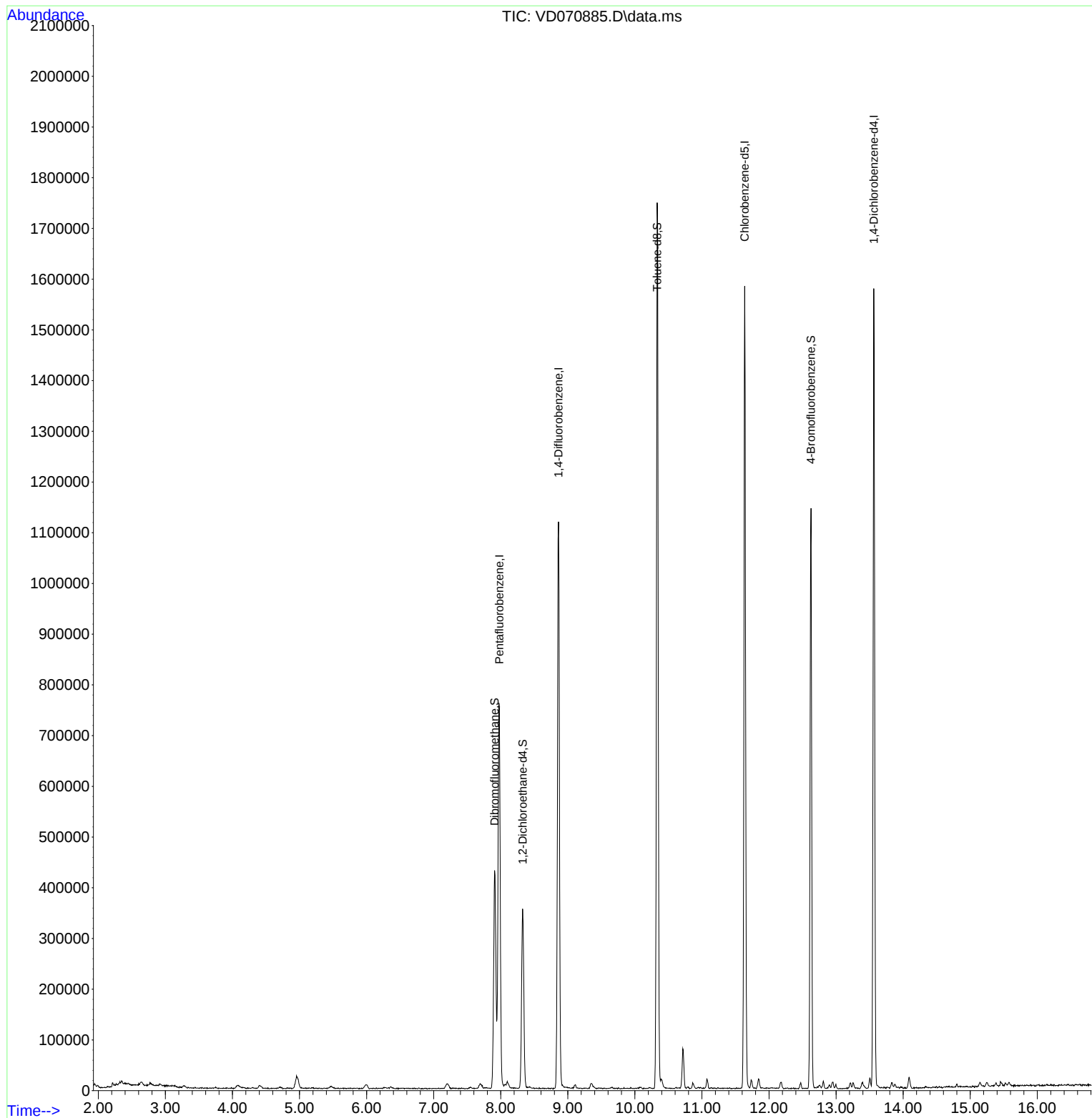
Target Compounds	Qvalue

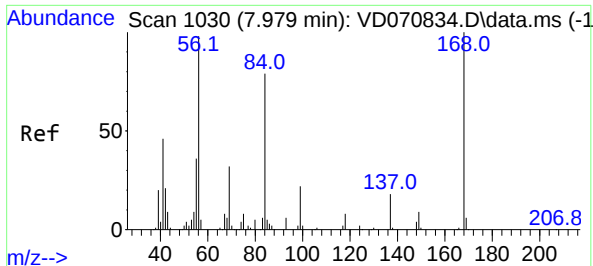
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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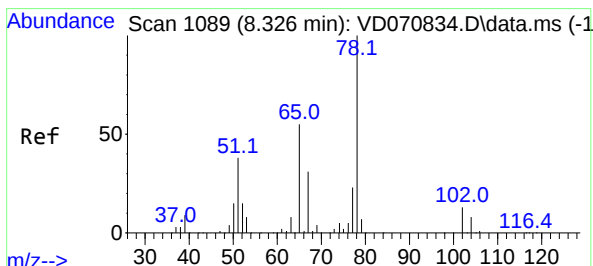
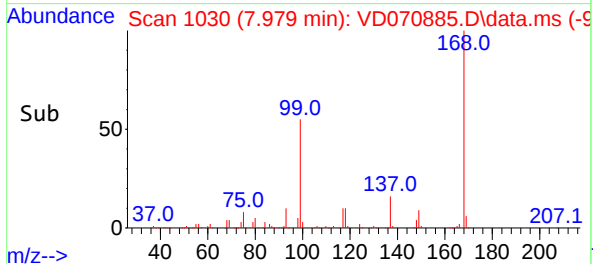
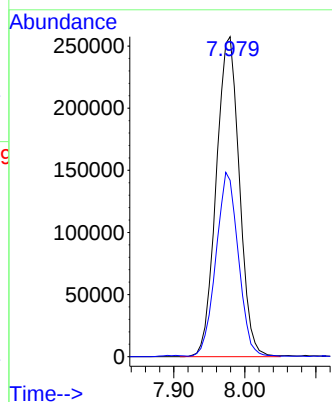
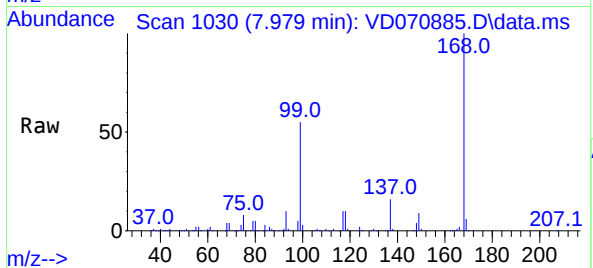




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070885.D
 Acq: 28 Oct 2021 11:28

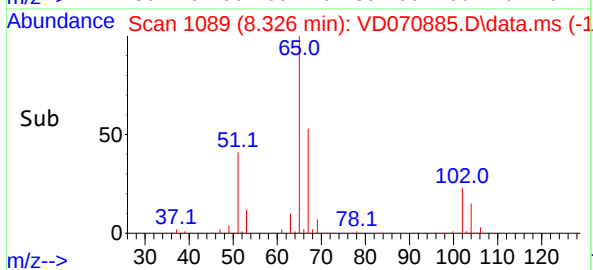
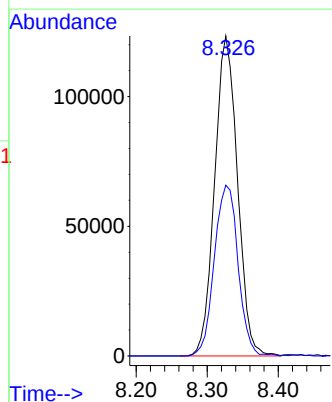
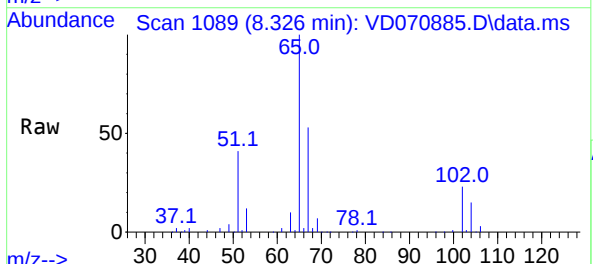
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1028SBL01

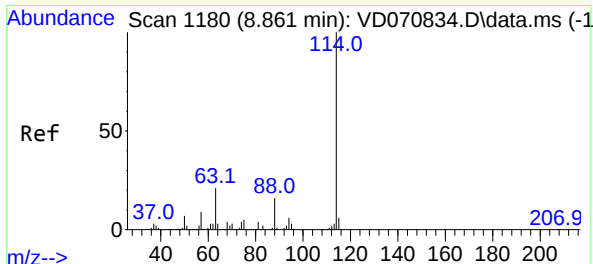
Tgt Ion:168 Resp: 581819
 Ion Ratio Lower Upper
 168 100
 99 55.0 46.6 69.8



1,2-Dichloroethane-d4
 Concen: 47.032 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070885.D
 Acq: 28 Oct 2021 11:28

Tgt Ion: 65 Resp: 275216
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.2



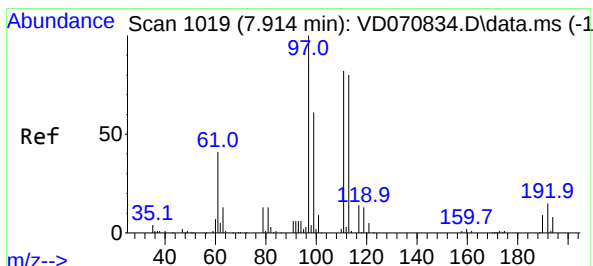
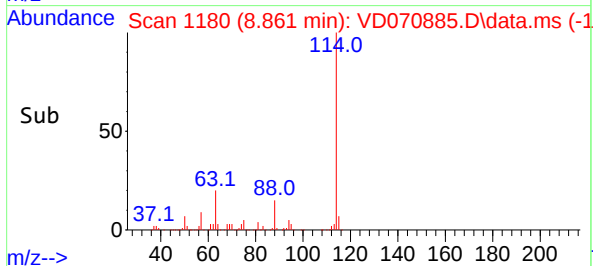
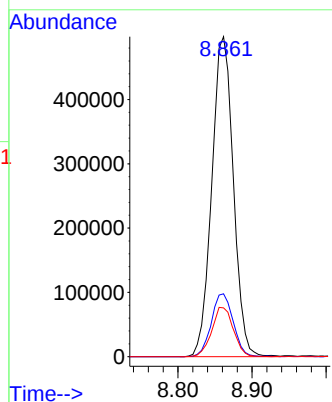
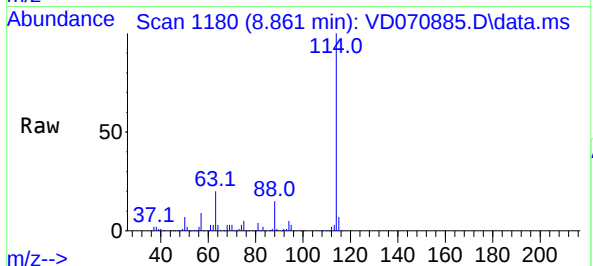


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Instrument :
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VD1028SBL01

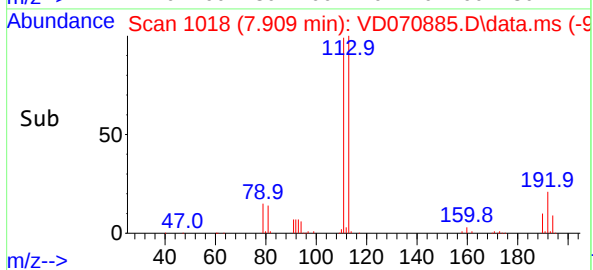
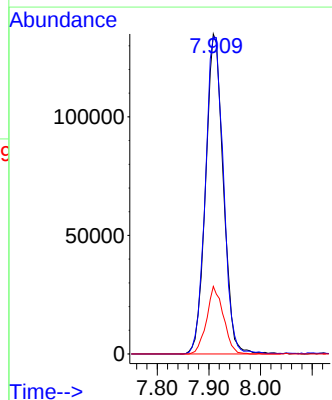
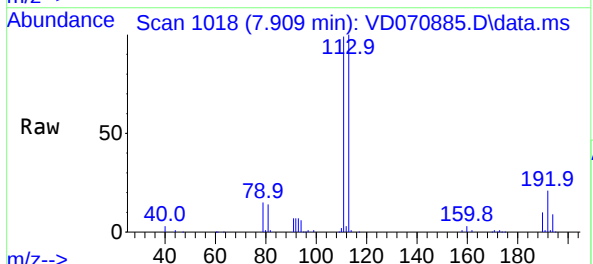
Tgt Ion:114 Resp: 1004894
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 15.3 0.0 32.8

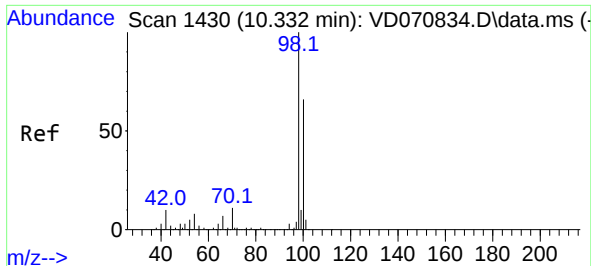


#35

Dibromofluoromethane
Concen: 48.238 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Tgt Ion:113 Resp: 319612
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 20.1 15.2 22.8

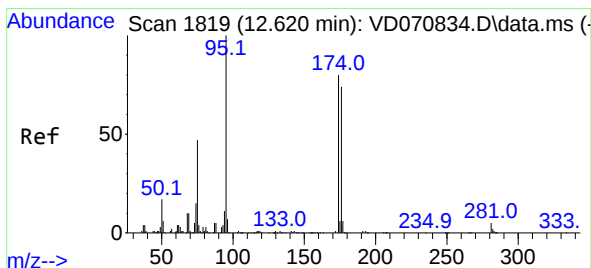
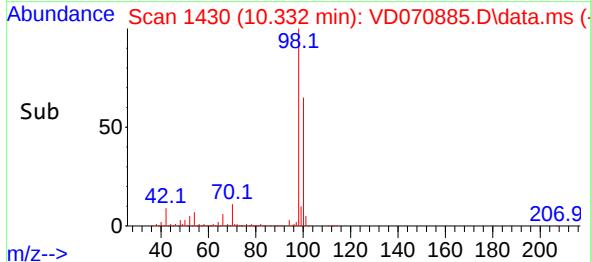
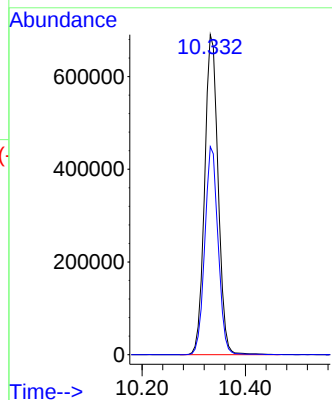
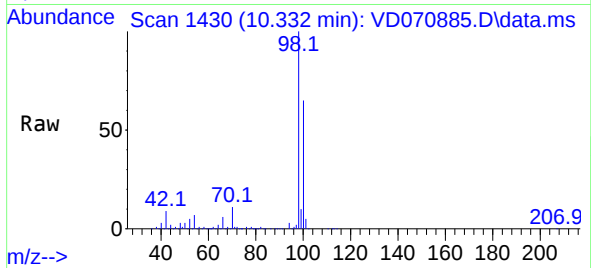




#50
Toluene-d8
Concen: 50.062 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

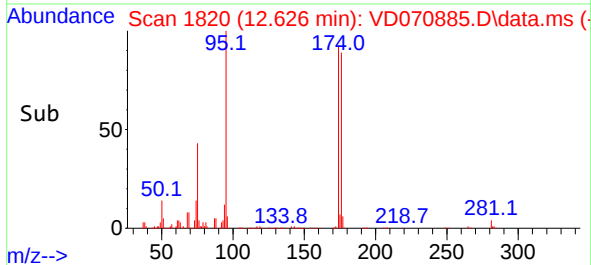
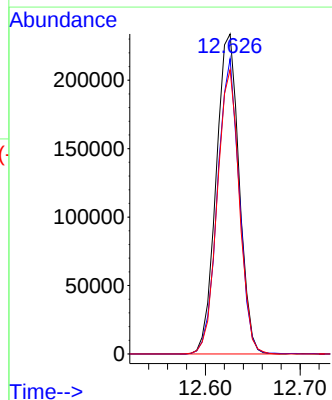
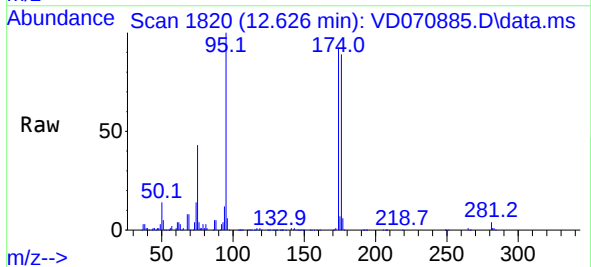
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

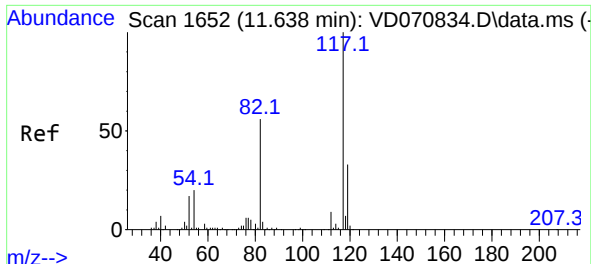
Tgt Ion: 98 Resp: 1247906
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.895 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Tgt Ion: 95 Resp: 393916
Ion Ratio Lower Upper
95 100
174 86.9 0.0 159.4
176 85.3 0.0 154.0

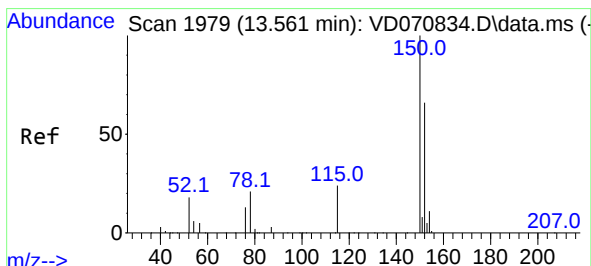
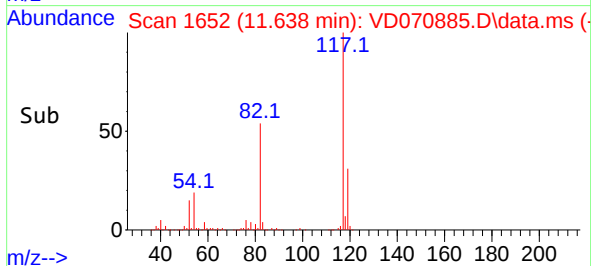
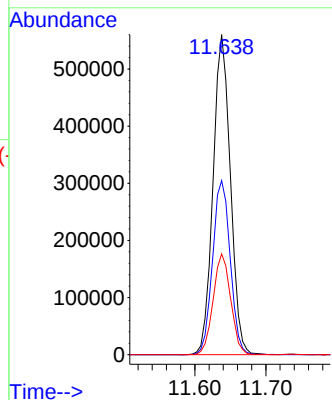
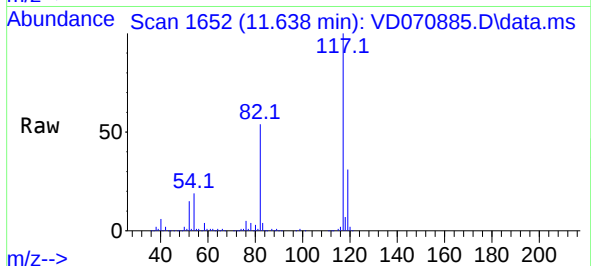




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

Tgt Ion:117 Resp: 948698
Ion Ratio Lower Upper
117 100
82 54.4 44.7 67.1
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Tgt Ion:152 Resp: 450433
Ion Ratio Lower Upper
152 100
115 56.6 29.8 89.3
150 155.7 0.0 349.2

