

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070664.D
 Acq On : 11 Oct 2021 17:06
 Operator : VA/SY
 Sample : M4163-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-100821

Quant Time: Oct 12 05:42:12 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	18825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	33349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	35522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	14398	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	17290	78.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.08%
35) Dibromofluoromethane	7.908	113	11905	53.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.38%
50) Toluene-d8	10.332	98	42348	49.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.92%
62) 4-Bromofluorobenzene	12.614	95	14726	51.98	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.96%

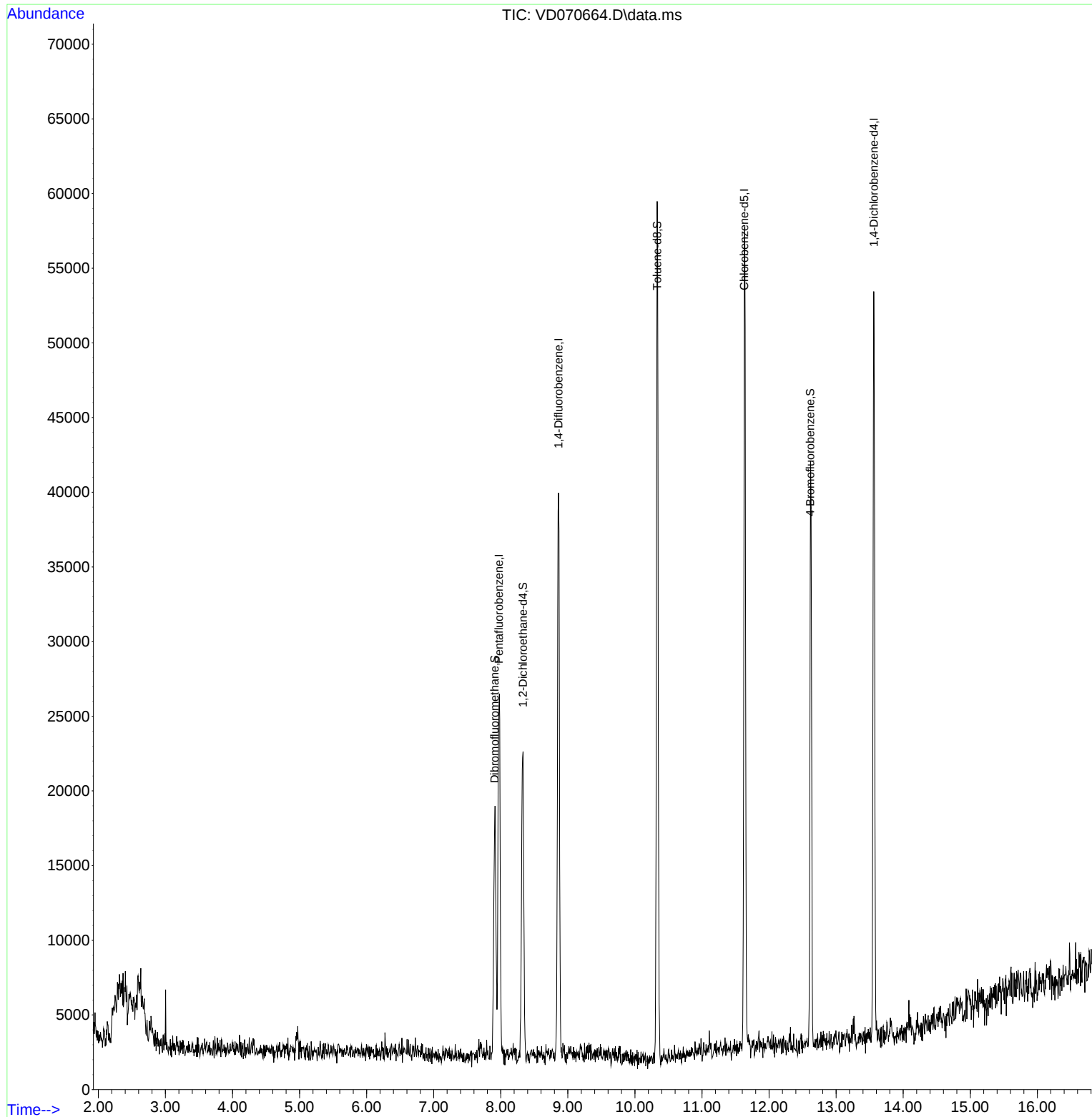
Target Compounds	Qvalue

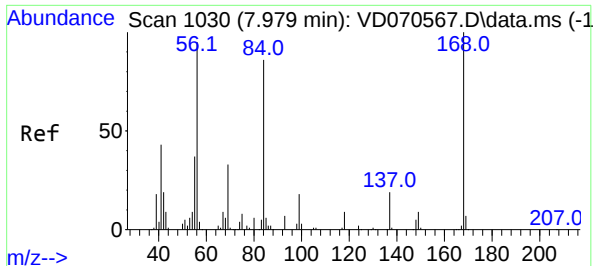
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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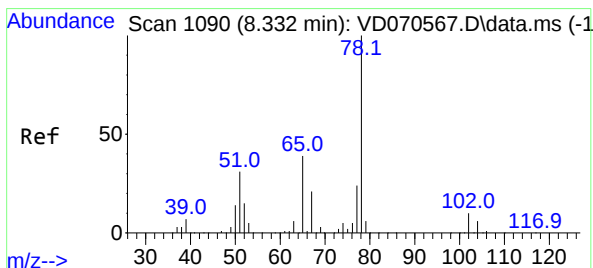
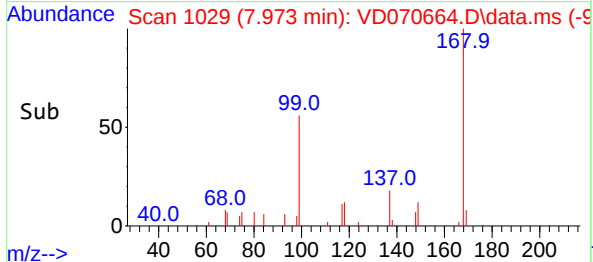
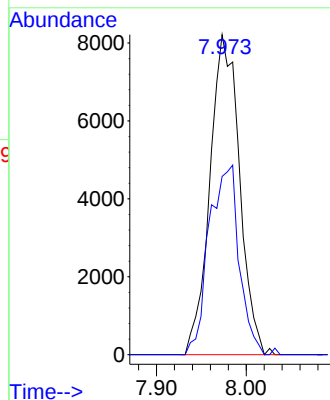
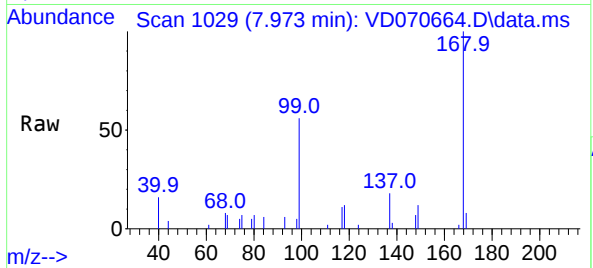




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD070664.D
 Acq: 11 Oct 2021 17:06

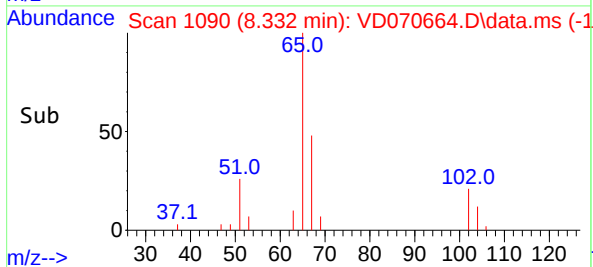
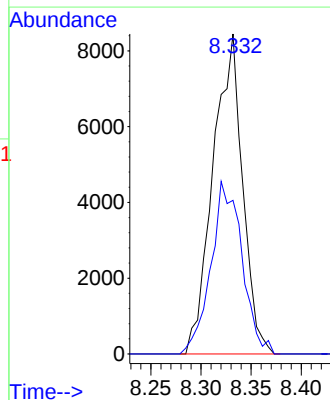
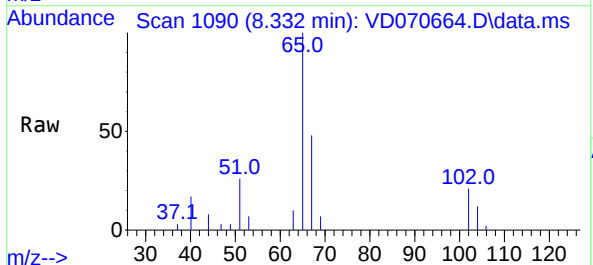
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-100821

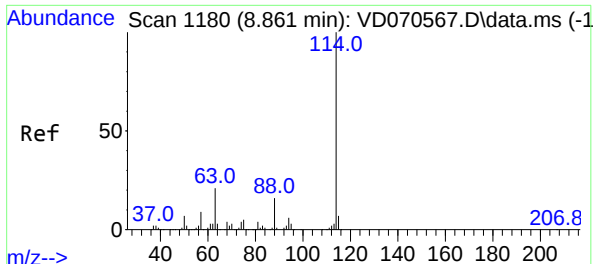
Tgt Ion:168 Resp: 18825
 Ion Ratio Lower Upper
 168 100
 99 55.7 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 78.04 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD070664.D
 Acq: 11 Oct 2021 17:06

Tgt Ion: 65 Resp: 17290
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 110.2



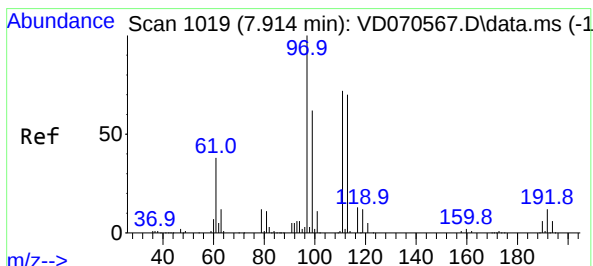
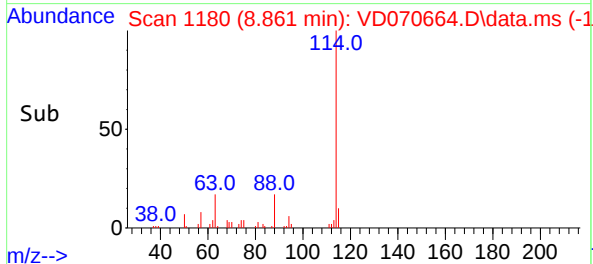
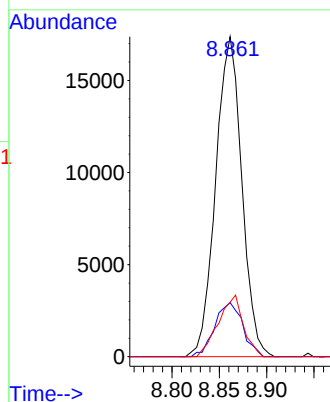
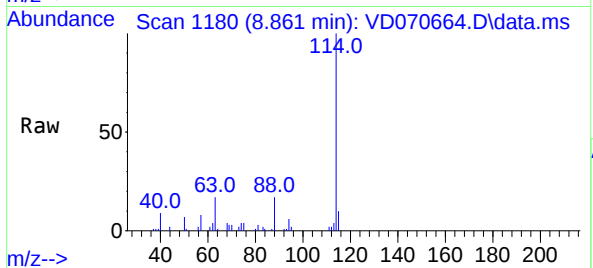


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070664.D
Acq: 11 Oct 2021 17:06

Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

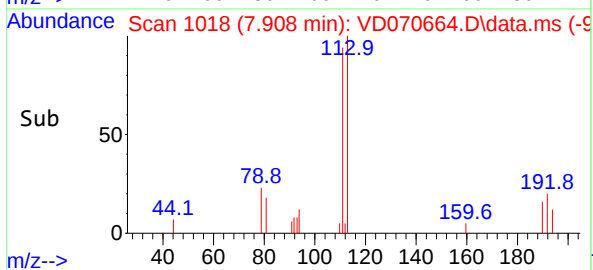
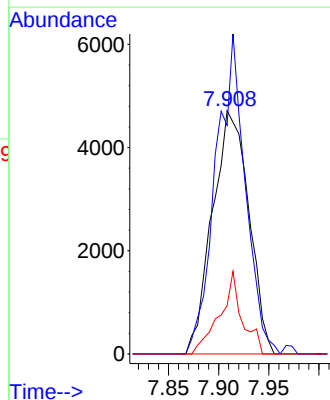
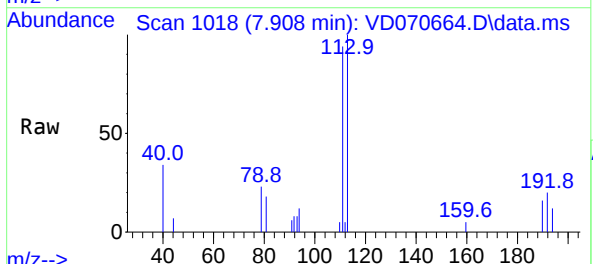
Tgt Ion:	114	Resp:	33349
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	41.8
88	17.0	0.0	32.6

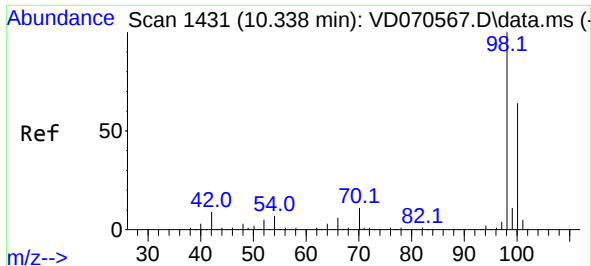


#35

Dibromofluoromethane
Concen: 53.69 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070664.D
Acq: 11 Oct 2021 17:06

Tgt Ion:	113	Resp:	11905
Ion	Ratio	Lower	Upper
113	100		
111	106.6	83.1	124.7
192	20.9	12.7	19.1

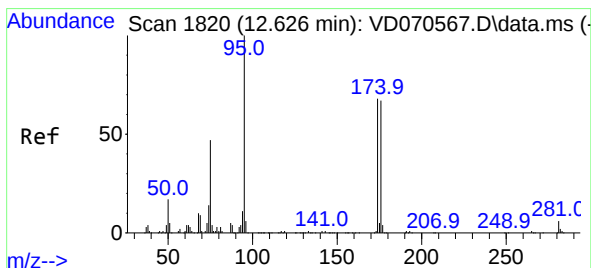
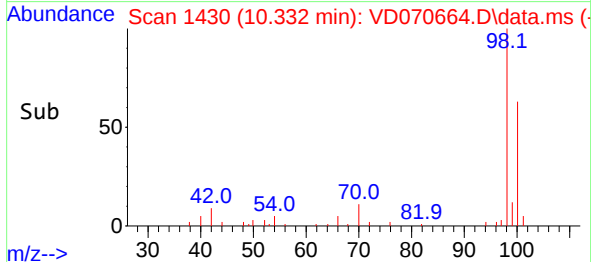
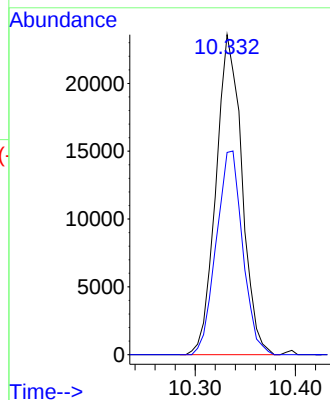
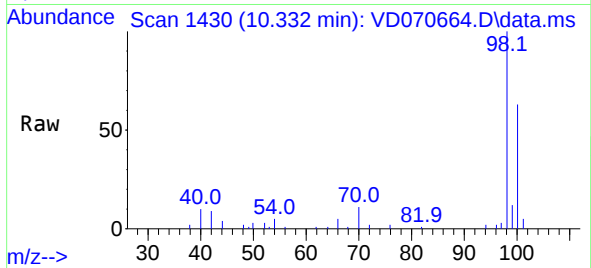




#50
Toluene-d8
Concen: 49.96 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070664.D
Acq: 11 Oct 2021 17:06

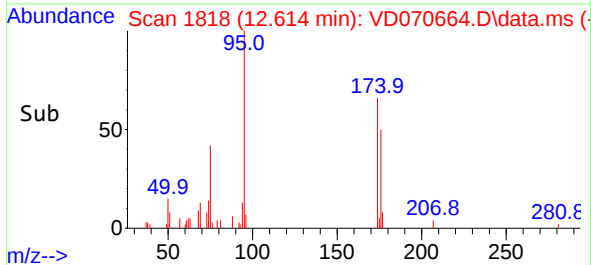
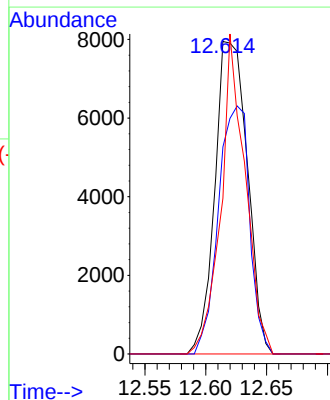
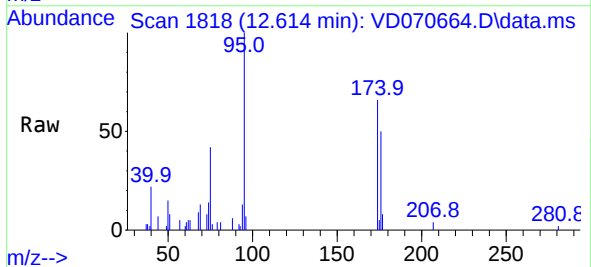
Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

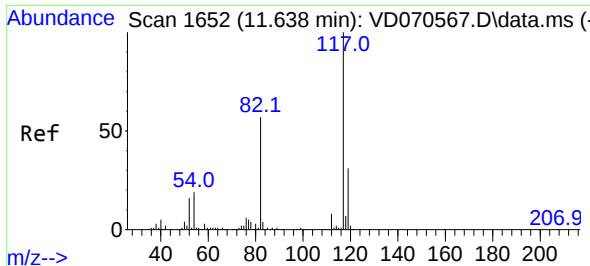
Tgt Ion: 98 Resp: 42348
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.98 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD070664.D
Acq: 11 Oct 2021 17:06

Tgt Ion: 95 Resp: 14726
Ion Ratio Lower Upper
95 100
174 76.2 0.0 138.0
176 76.5 0.0 135.6

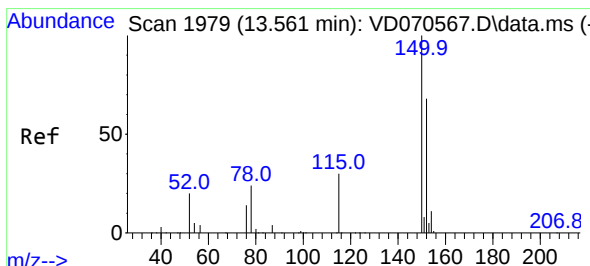
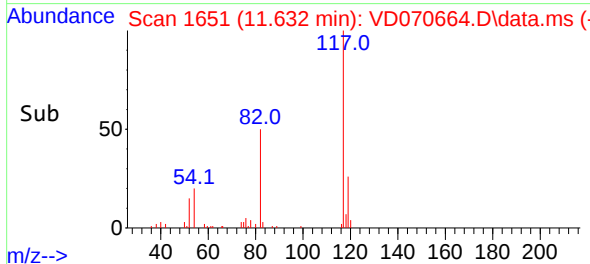
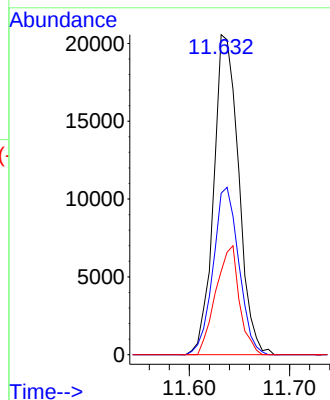
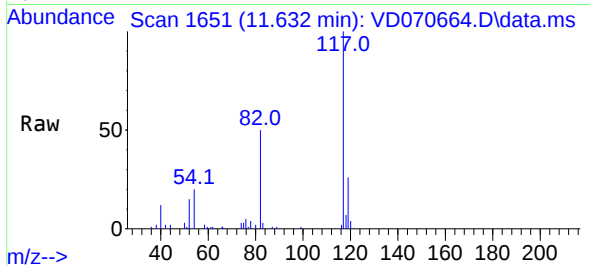




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070664.D
Acq: 11 Oct 2021 17:06

Instrument :
MSVOA_D
ClientSampleId :
TR-04-100821

Tgt Ion:	117	Resp:	35522
Ion	Ratio	Lower	Upper
117	100		
82	50.4	45.4	68.2
119	26.0	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070664.D
Acq: 11 Oct 2021 17:06

Tgt Ion:	152	Resp:	14398
Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.9	95.7
150	160.8	0.0	350.0

