

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082622\
 Data File : VD074234.D
 Acq On : 26 Aug 2022 13:31
 Operator : VA/SY
 Sample : VD0826SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBL01

Quant Time: Aug 26 15:59:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	133082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	220893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	209674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	103506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72082	53.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.020%
35) Dibromofluoromethane	7.908	113	82118	55.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.160%
50) Toluene-d8	10.332	98	224368	47.183	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.614	95	95640	50.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.820%

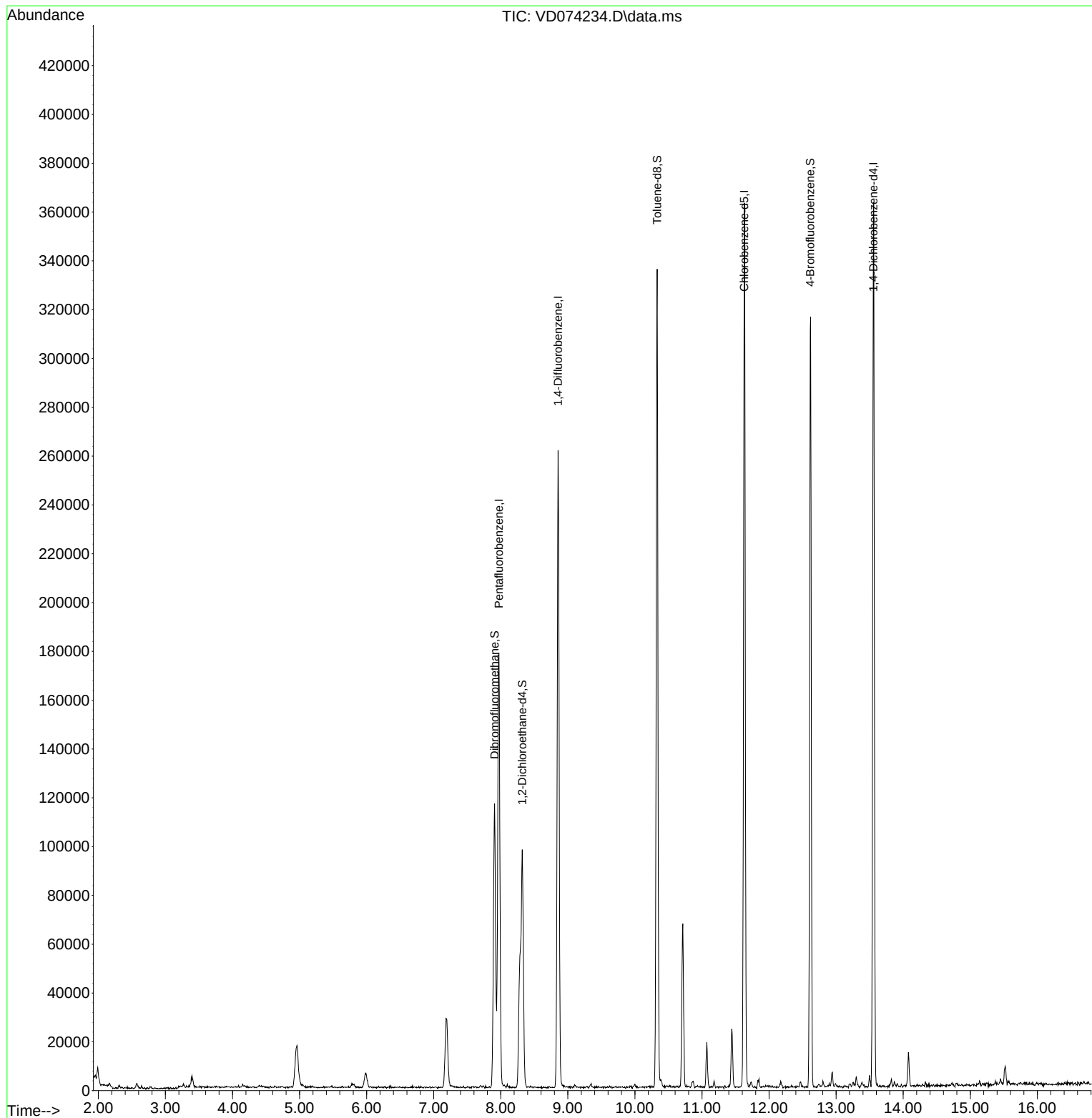
Target Compounds	Qvalue

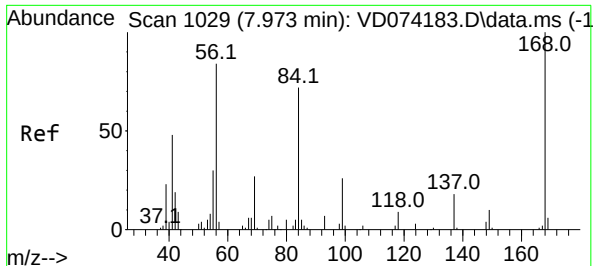
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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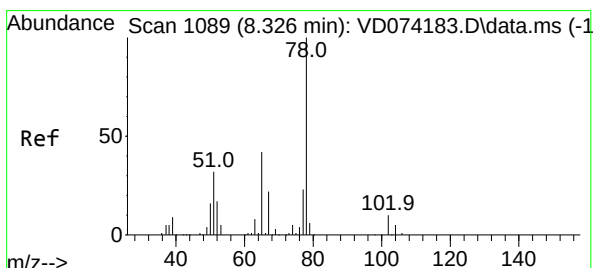
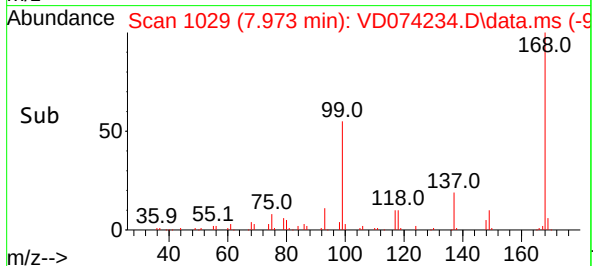
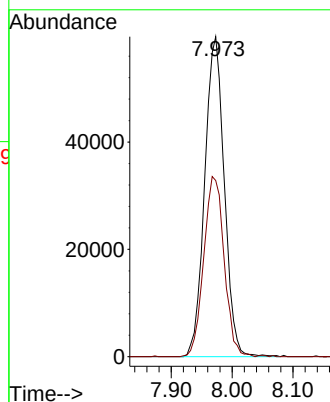
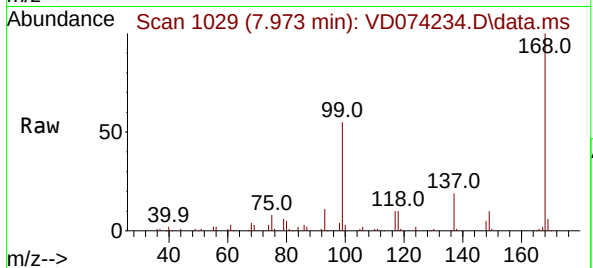




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074234.D
Acq: 26 Aug 2022 13:31

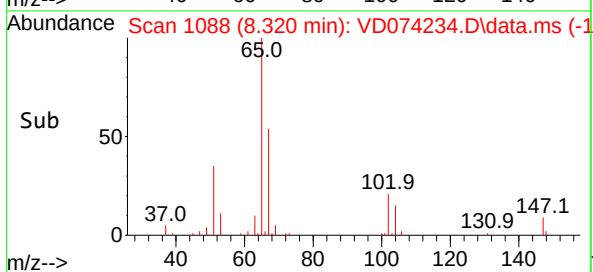
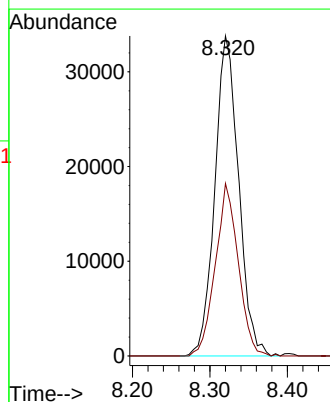
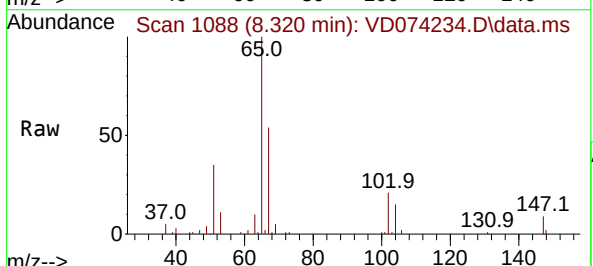
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

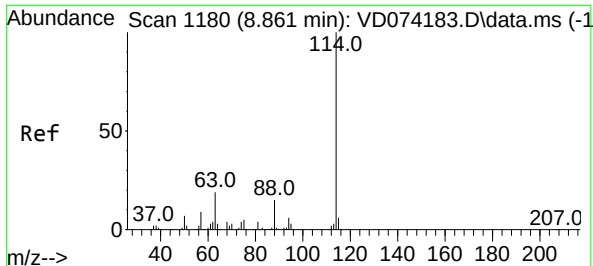
Tgt Ion:168 Resp: 133082
Ion Ratio Lower Upper
168 100
99 55.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.006 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074234.D
Acq: 26 Aug 2022 13:31

Tgt Ion: 65 Resp: 72082
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1119

Delta R.T. -0.006 min

Lab File: VD074234.D

Acq: 26 Aug 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBL01

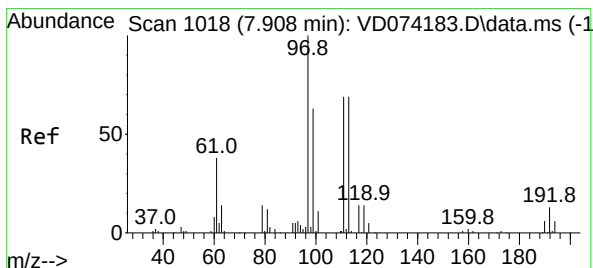
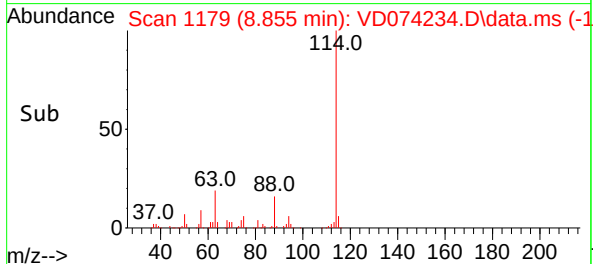
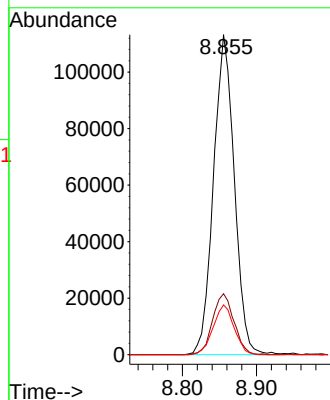
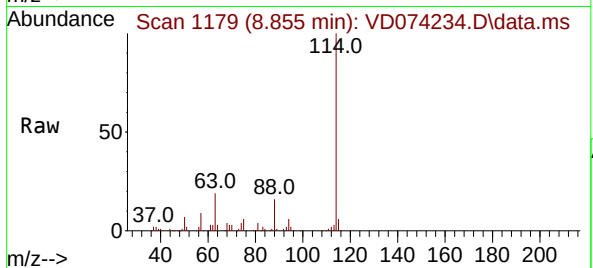
Tgt Ion:114 Resp: 220893

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.578 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074234.D

Acq: 26 Aug 2022 13:31

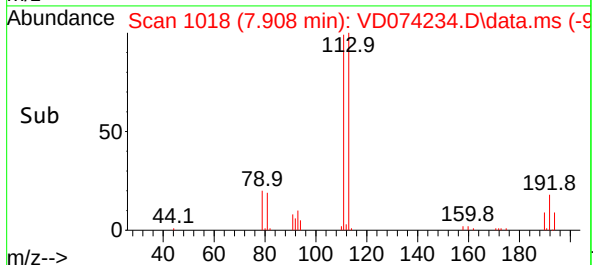
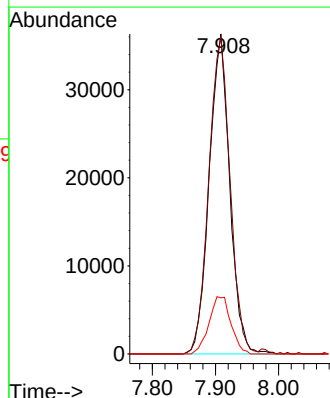
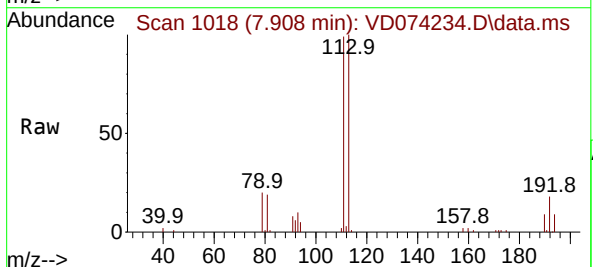
Tgt Ion:113 Resp: 82118

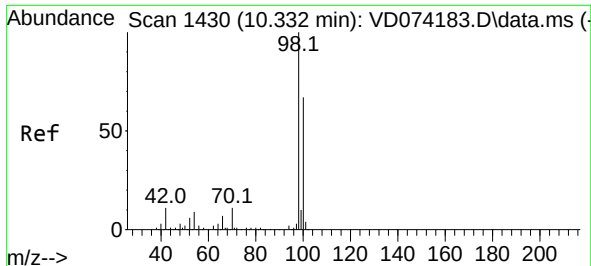
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 19.1 14.6 21.8

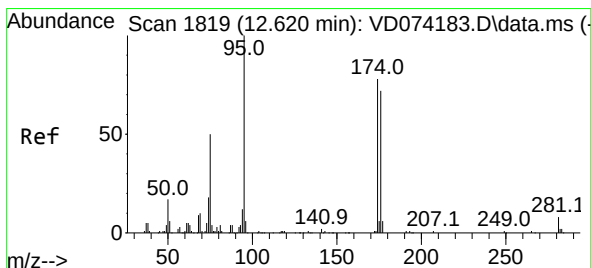
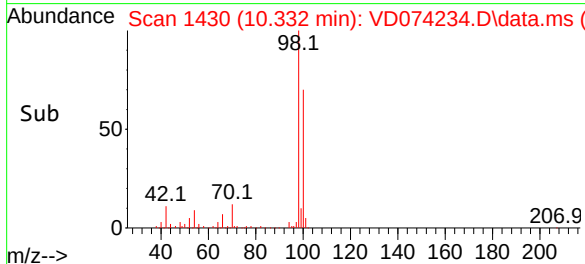
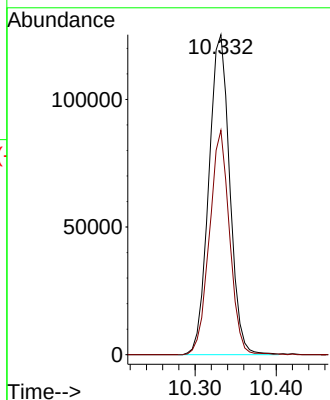
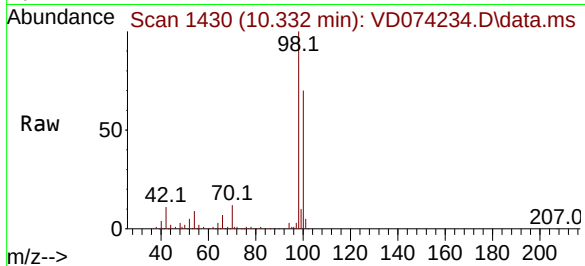




#50
Toluene-d8
Concen: 47.183 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074234.D
Acq: 26 Aug 2022 13:31

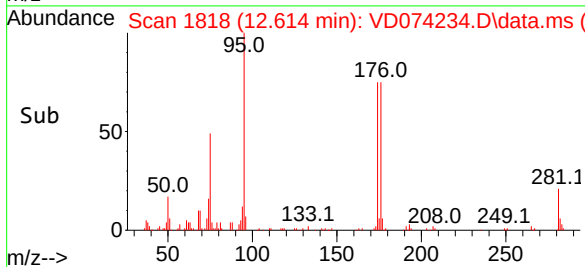
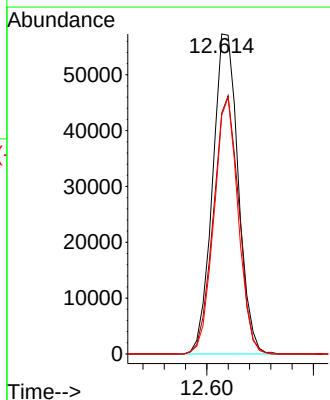
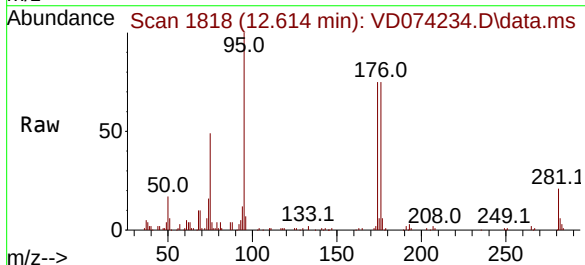
Instrument :
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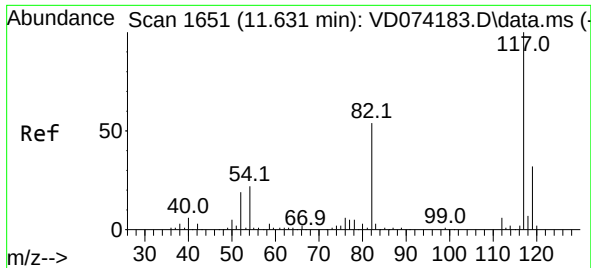
Tgt Ion: 98 Resp: 224368
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.910 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074234.D
Acq: 26 Aug 2022 13:31

Tgt Ion: 95 Resp: 95640
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 75.7 0.0 145.4

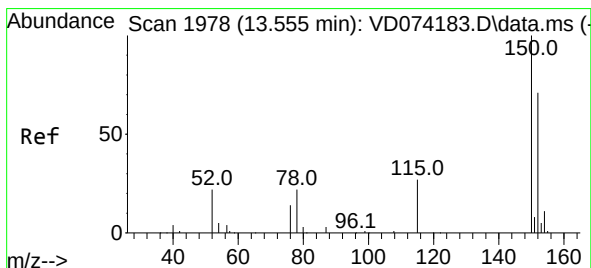
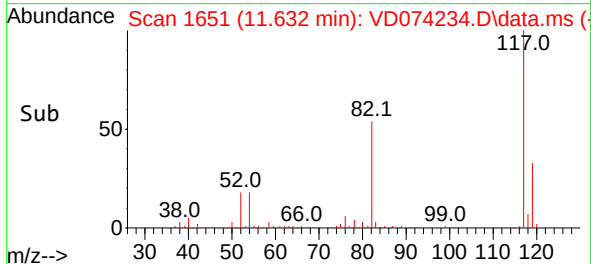
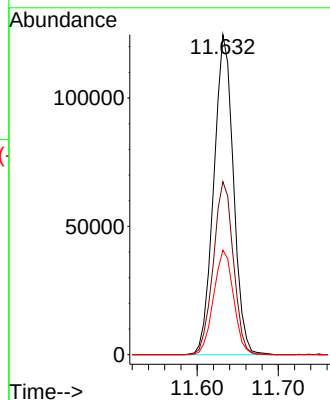
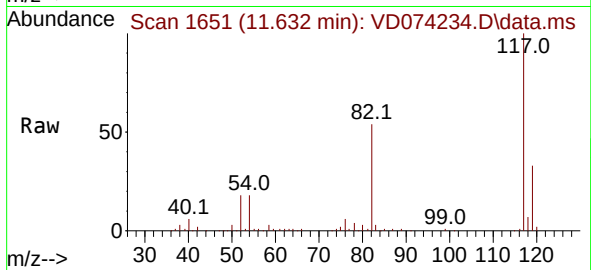




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074234.D
Acq: 26 Aug 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

Tgt Ion:117 Resp: 209674
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074234.D
Acq: 26 Aug 2022 13:31

Tgt Ion:152 Resp: 103506
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 155.9 0.0 348.6

