

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076930.D
 Acq On : 07 Aug 2023 14:47
 Operator : KP/SY
 Sample : 03897-01RE
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1RE

Quant Time: Aug 08 04:40:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	15147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	30730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	29527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	13672	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10884	72.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.280%
35) Dibromofluoromethane	7.810	113	11931	61.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.560%
50) Toluene-d8	10.269	98	35727	51.716	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.440%
62) 4-Bromofluorobenzene	12.575	95	10884	48.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.400%

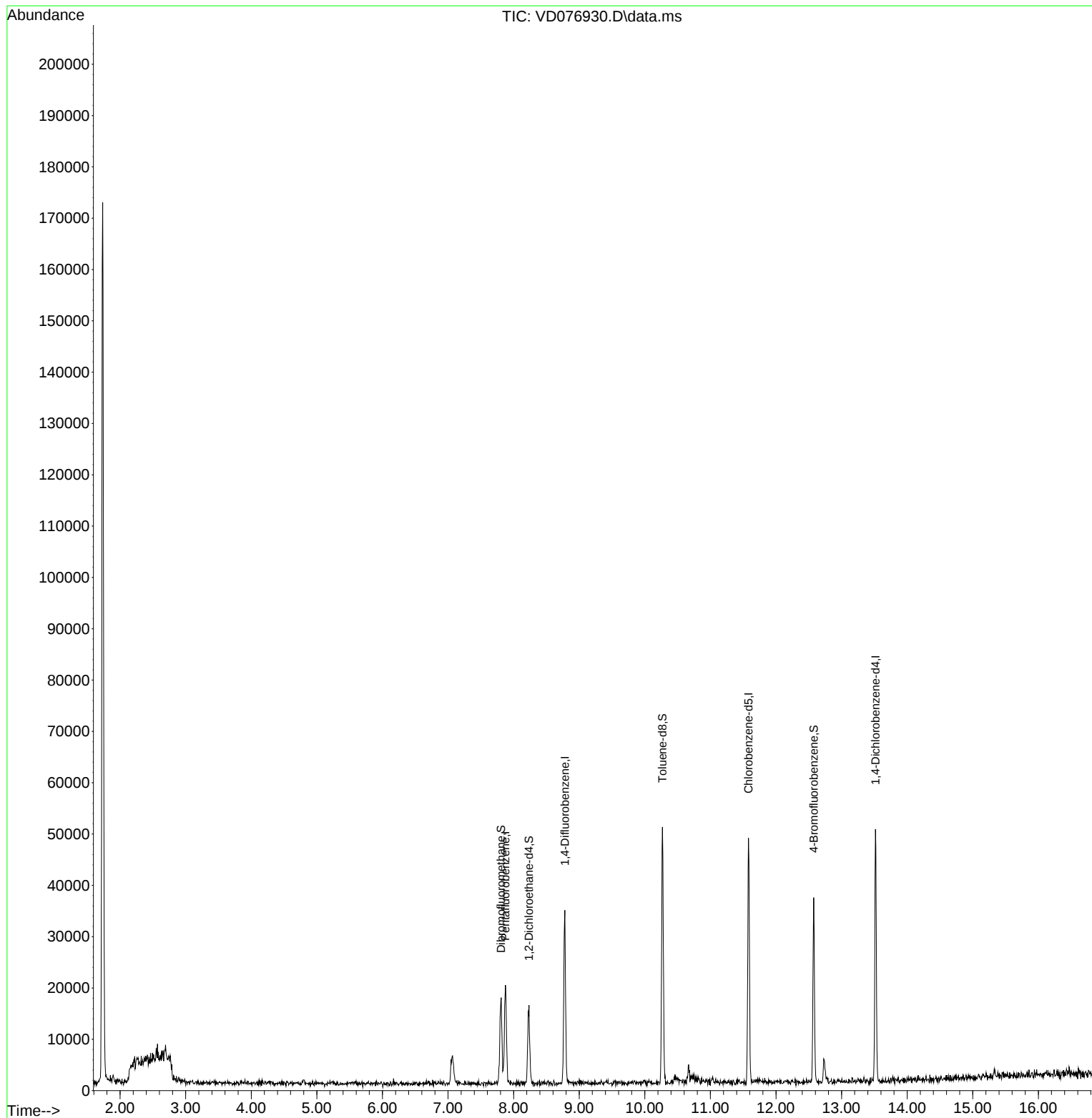
Target Compounds	Qvalue

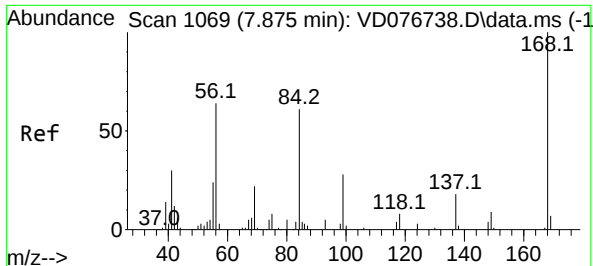
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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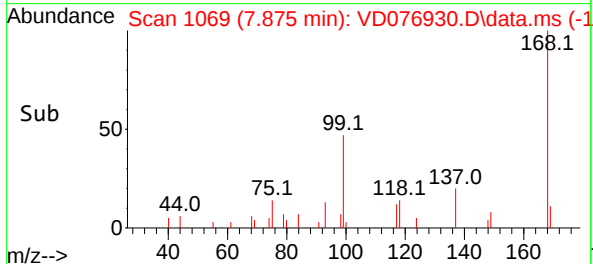
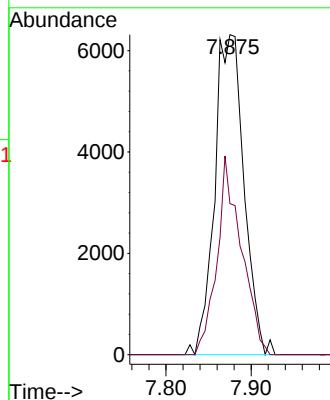
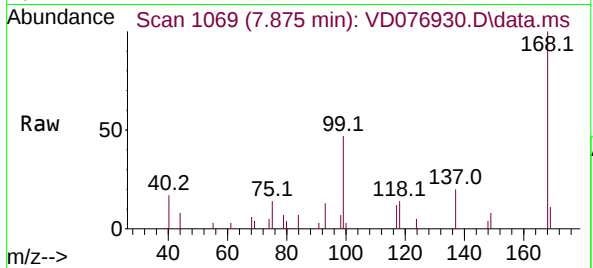




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD076930.D
Acq: 07 Aug 2023 14:47

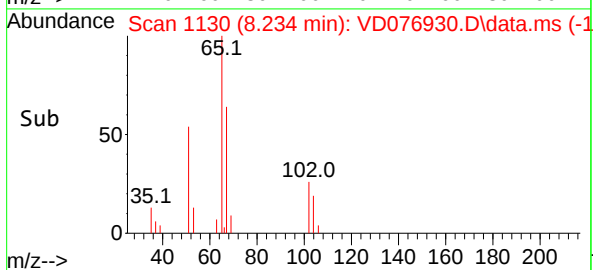
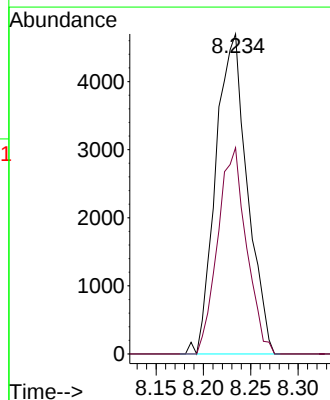
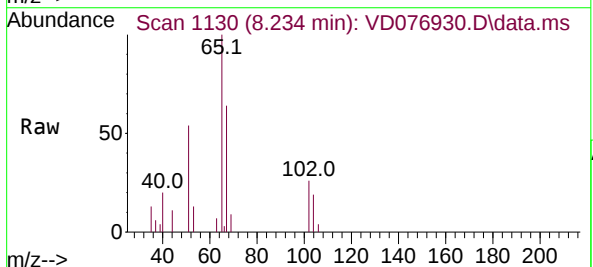
Instrument :
MSVOA_D
ClientSampleId :
WC-1RE

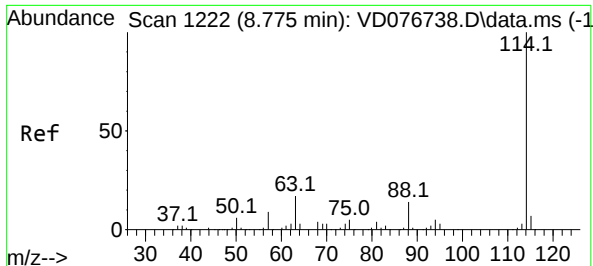
Tgt Ion:168 Resp: 15147
Ion Ratio Lower Upper
168 100
99 47.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 72.142 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076930.D
Acq: 07 Aug 2023 14:47

Tgt Ion: 65 Resp: 10884
Ion Ratio Lower Upper
65 100
67 58.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076930.D

Acq: 07 Aug 2023 14:47

Instrument :

MSVOA_D

ClientSampleId :

WC-1RE

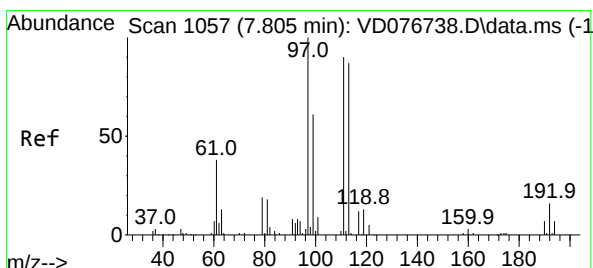
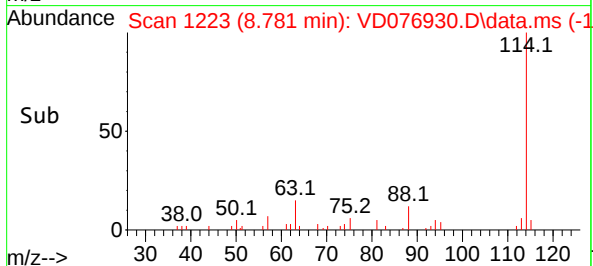
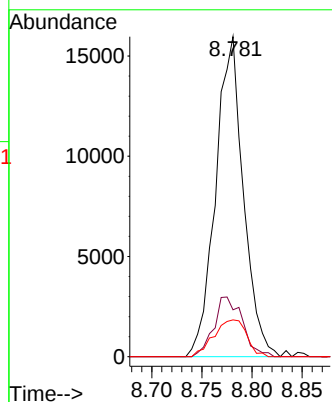
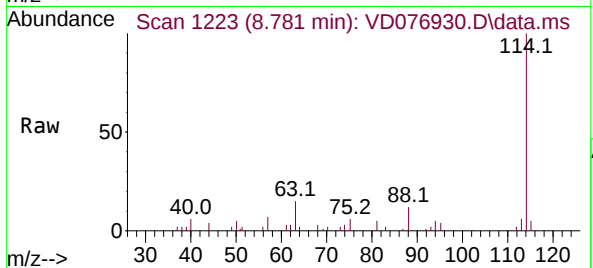
Tgt Ion:114 Resp: 30730

Ion Ratio Lower Upper

114 100

63 14.7 0.0 33.4

88 11.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 61.784 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD076930.D

Acq: 07 Aug 2023 14:47

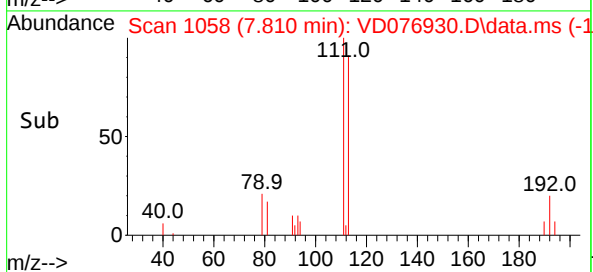
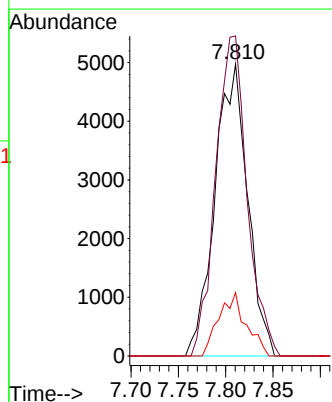
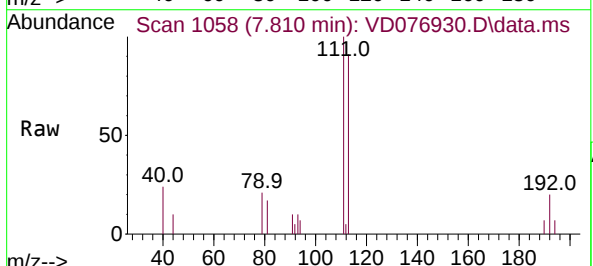
Tgt Ion:113 Resp: 11931

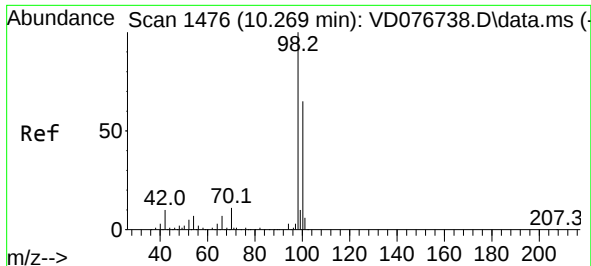
Ion Ratio Lower Upper

113 100

111 105.5 84.7 127.1

192 18.1 16.8 25.2

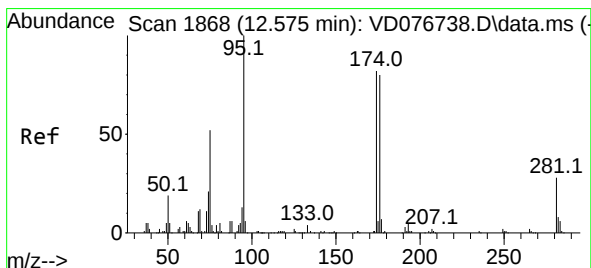
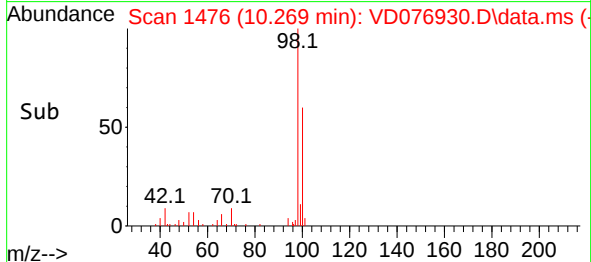
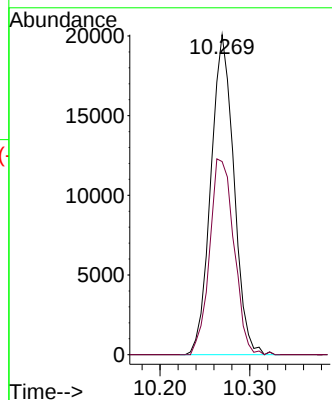
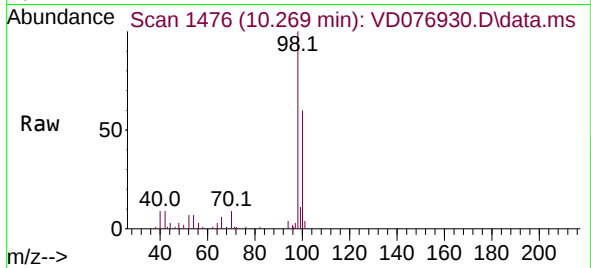




#50
Toluene-d8
Concen: 51.716 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076930.D
Acq: 07 Aug 2023 14:47

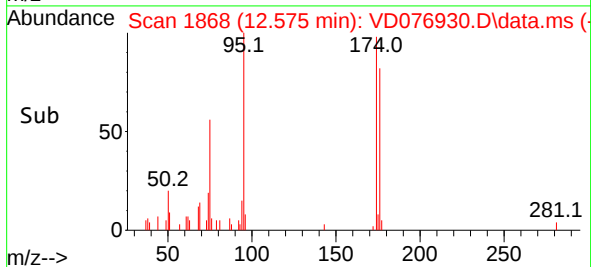
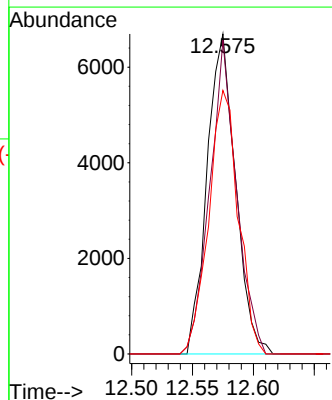
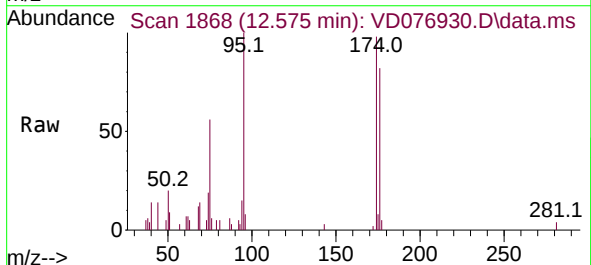
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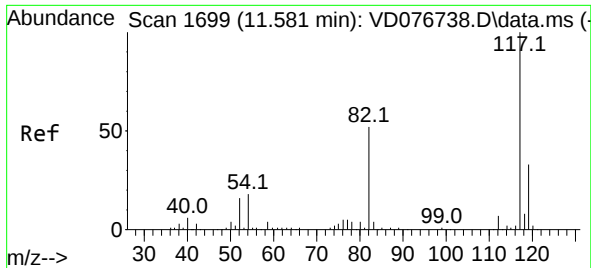
Tgt Ion: 98 Resp: 35727
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076930.D
Acq: 07 Aug 2023 14:47

Tgt Ion: 95 Resp: 10884
Ion Ratio Lower Upper
95 100
174 92.3 0.0 201.8
176 85.7 0.0 191.8

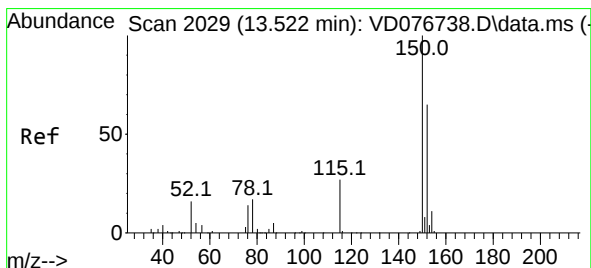
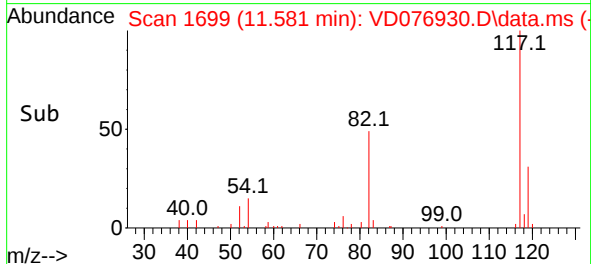
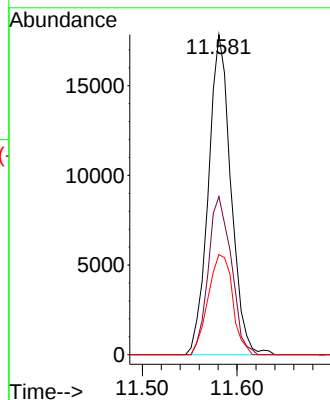
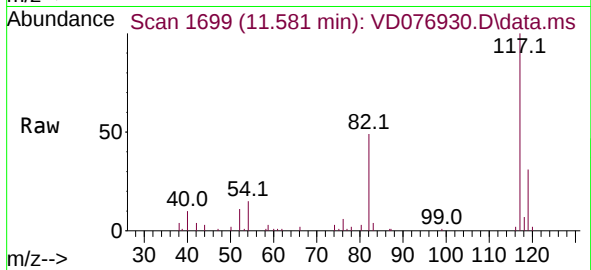




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076930.D
Acq: 07 Aug 2023 14:47

Instrument :
MSVOA_D
ClientSampleId :
WC-1RE

Tgt Ion:117	Resp:	29527
Ion	Ratio	Lower Upper
117	100	
82	49.4	38.3 57.5
119	31.3	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076930.D
Acq: 07 Aug 2023 14:47

Tgt Ion:152	Resp:	13672
Ion	Ratio	Lower Upper
152	100	
115	53.2	27.1 81.3
150	158.5	0.0 353.6

