

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076164.D
 Acq On : 19 May 2023 19:09
 Operator : KP/SY
 Sample : 02849-21
 Misc : 4.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP9

Quant Time: May 22 01:31:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	239546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	480391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	379974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112720	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	134980	58.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.600%
35) Dibromofluoromethane	7.805	113	169801	51.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.269	98	494208	38.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.360%
62) 4-Bromofluorobenzene	12.575	95	122403	34.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.080%

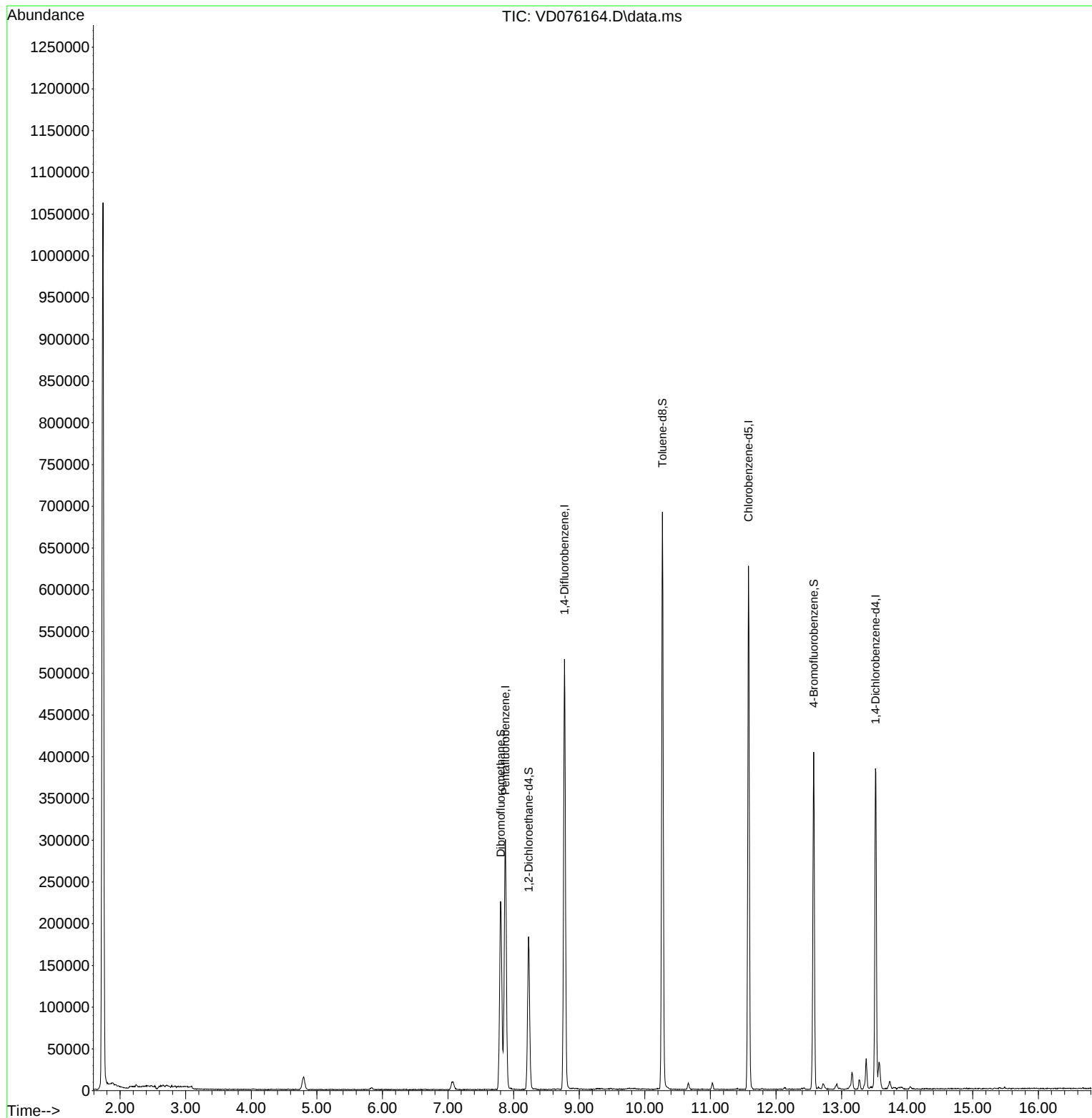
Target Compounds	Qvalue

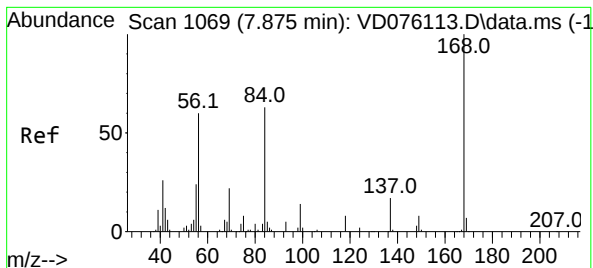
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076164.D

Acq: 19 May 2023 19:09

Instrument :

MSVOA_D

ClientSampleId :

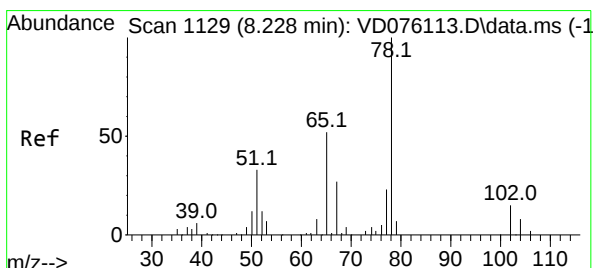
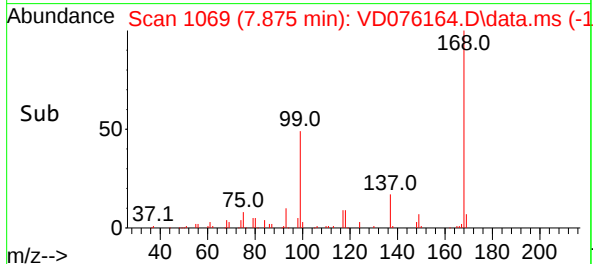
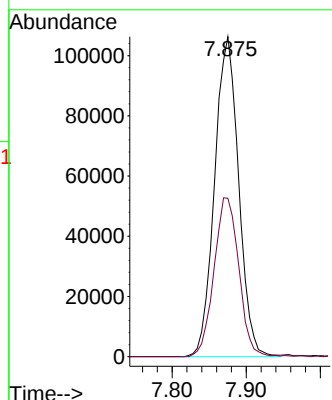
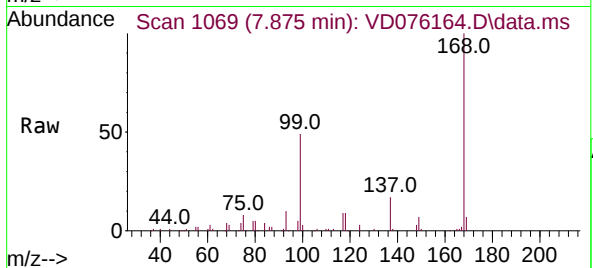
TP9

Tgt Ion:168 Resp: 239546

Ion Ratio Lower Upper

168 100

99 49.5 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 58.303 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076164.D

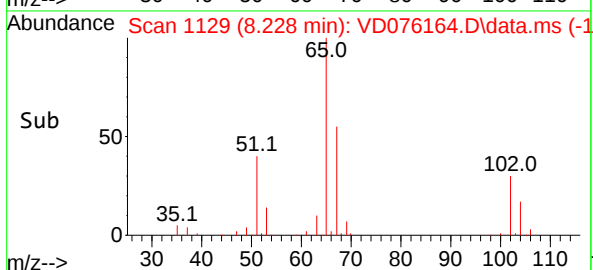
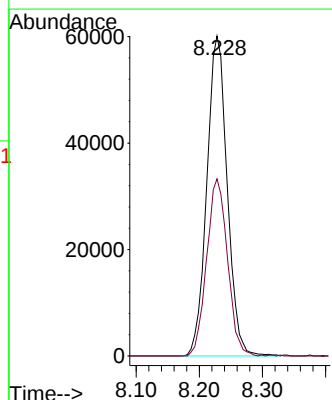
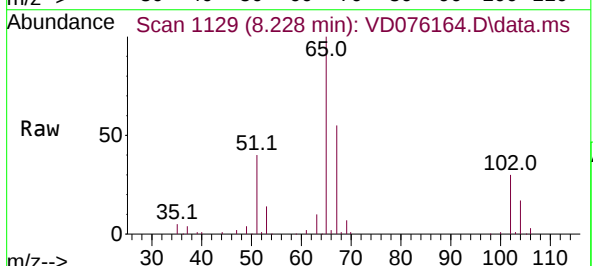
Acq: 19 May 2023 19:09

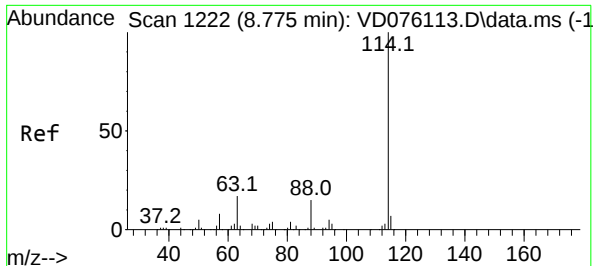
Tgt Ion: 65 Resp: 134980

Ion Ratio Lower Upper

65 100

67 56.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076164.D

Acq: 19 May 2023 19:09

Instrument :

MSVOA_D

ClientSampleId :

TP9

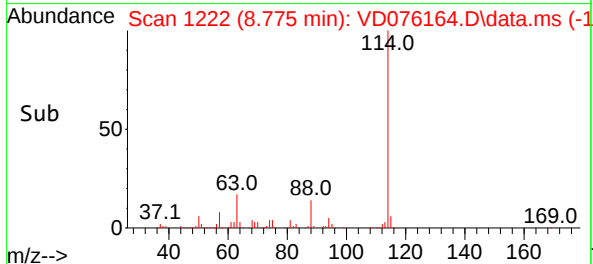
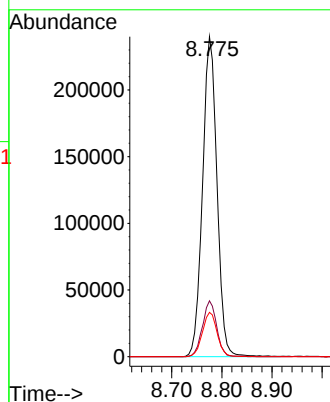
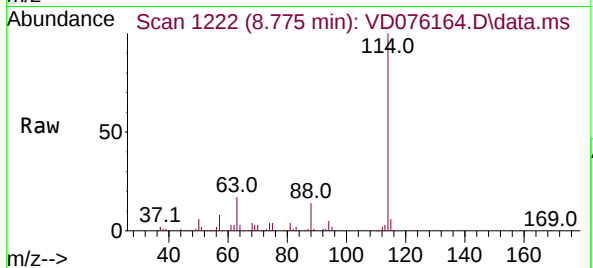
Tgt Ion:114 Resp: 480391

Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.6

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.136 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076164.D

Acq: 19 May 2023 19:09

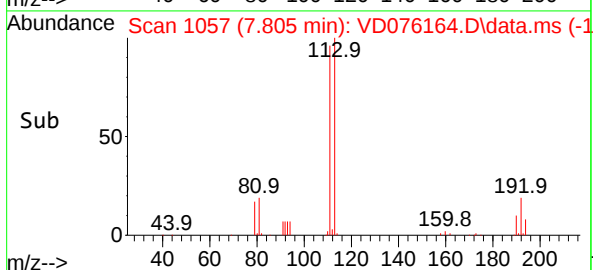
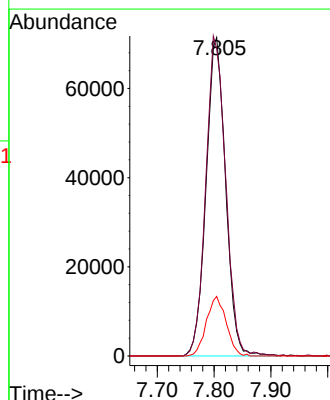
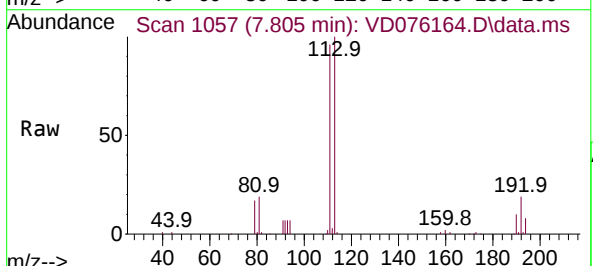
Tgt Ion:113 Resp: 169801

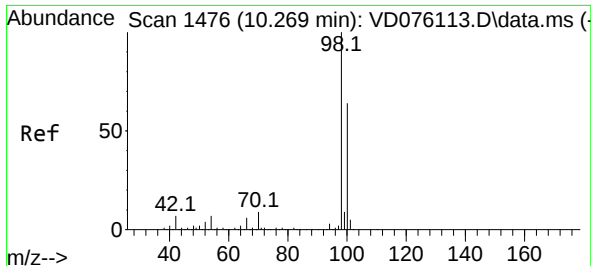
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 19.0 15.2 22.8

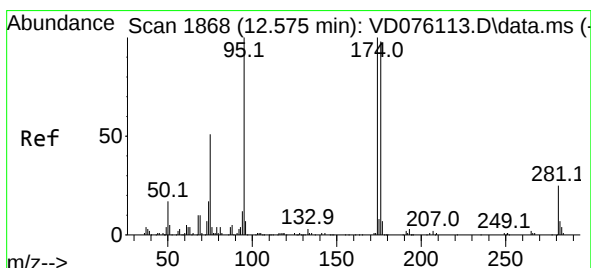
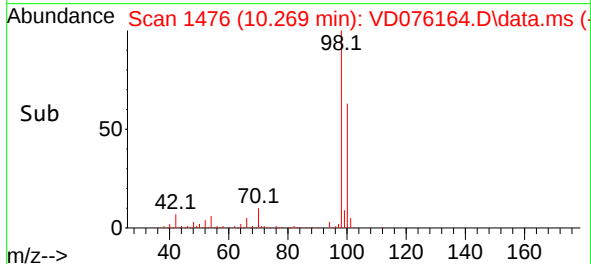
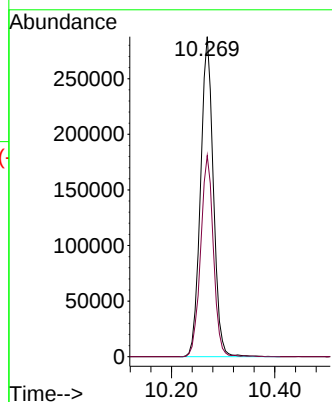
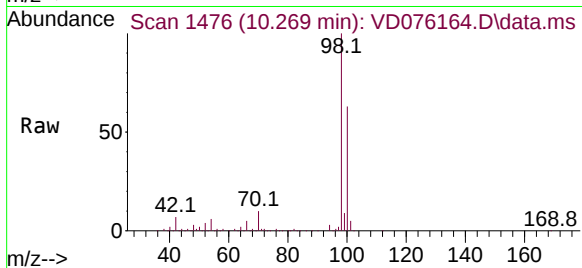




#50
Toluene-d8
Concen: 38.179 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076164.D
Acq: 19 May 2023 19:09

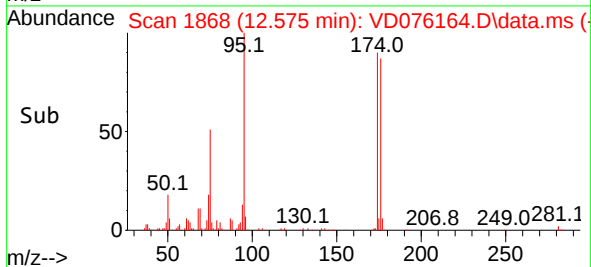
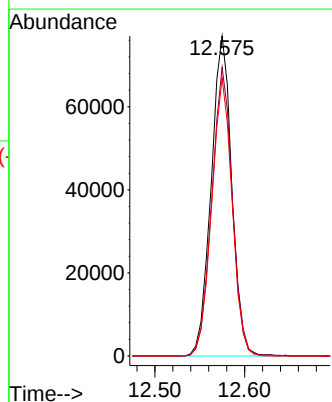
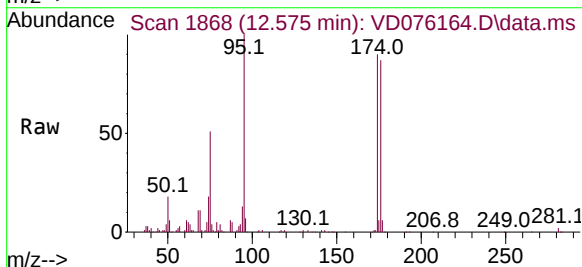
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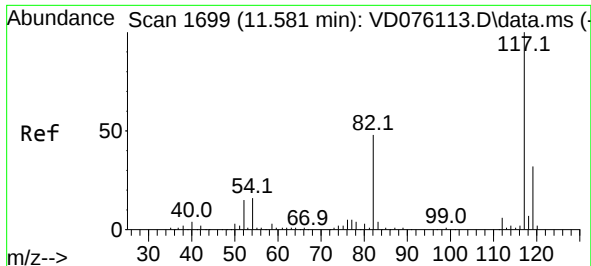
Tgt Ion: 98 Resp: 494208
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 34.041 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076164.D
Acq: 19 May 2023 19:09

Tgt Ion: 95 Resp: 122403
Ion Ratio Lower Upper
95 100
174 90.6 0.0 164.0
176 86.1 0.0 156.8

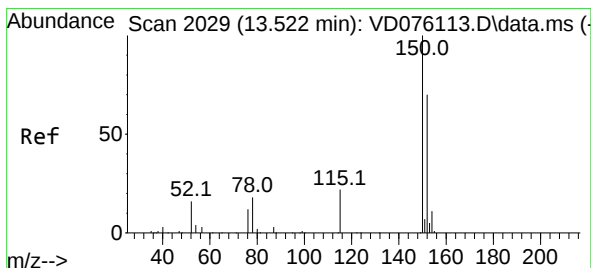
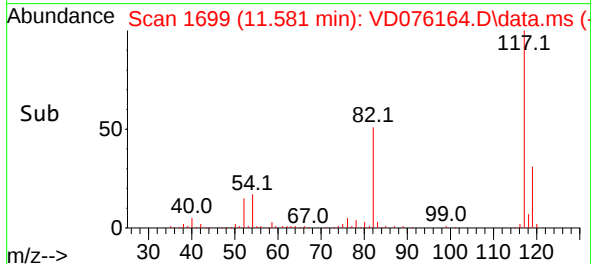
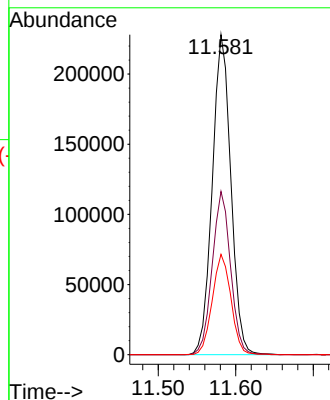
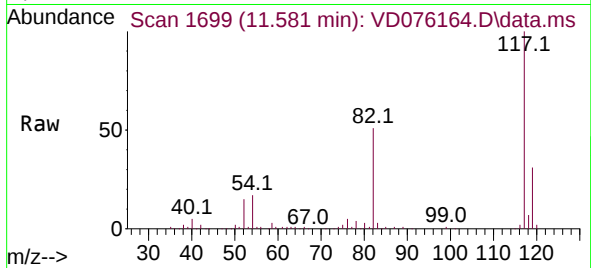




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076164.D
Acq: 19 May 2023 19:09

Instrument :
MSVOA_D
ClientSampleId :
TP9

Tgt Ion:117 Resp: 379974
Ion Ratio Lower Upper
117 100
82 51.0 44.0 66.0
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076164.D
Acq: 19 May 2023 19:09

Tgt Ion:152 Resp: 112720
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 157.5 0.0 364.8

