

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076163.D
 Acq On : 19 May 2023 18:39
 Operator : KP/SY
 Sample : 02849-11
 Misc : 4.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP8

Quant Time: May 22 01:31:20 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	5350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	12224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	13451	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	6764	130.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	261.640%#
35) Dibromofluoromethane	7.799	113	6207	73.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	146.920%
50) Toluene-d8	10.269	98	13382	40.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.260%
62) 4-Bromofluorobenzene	12.575	95	8116	88.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	177.400%#

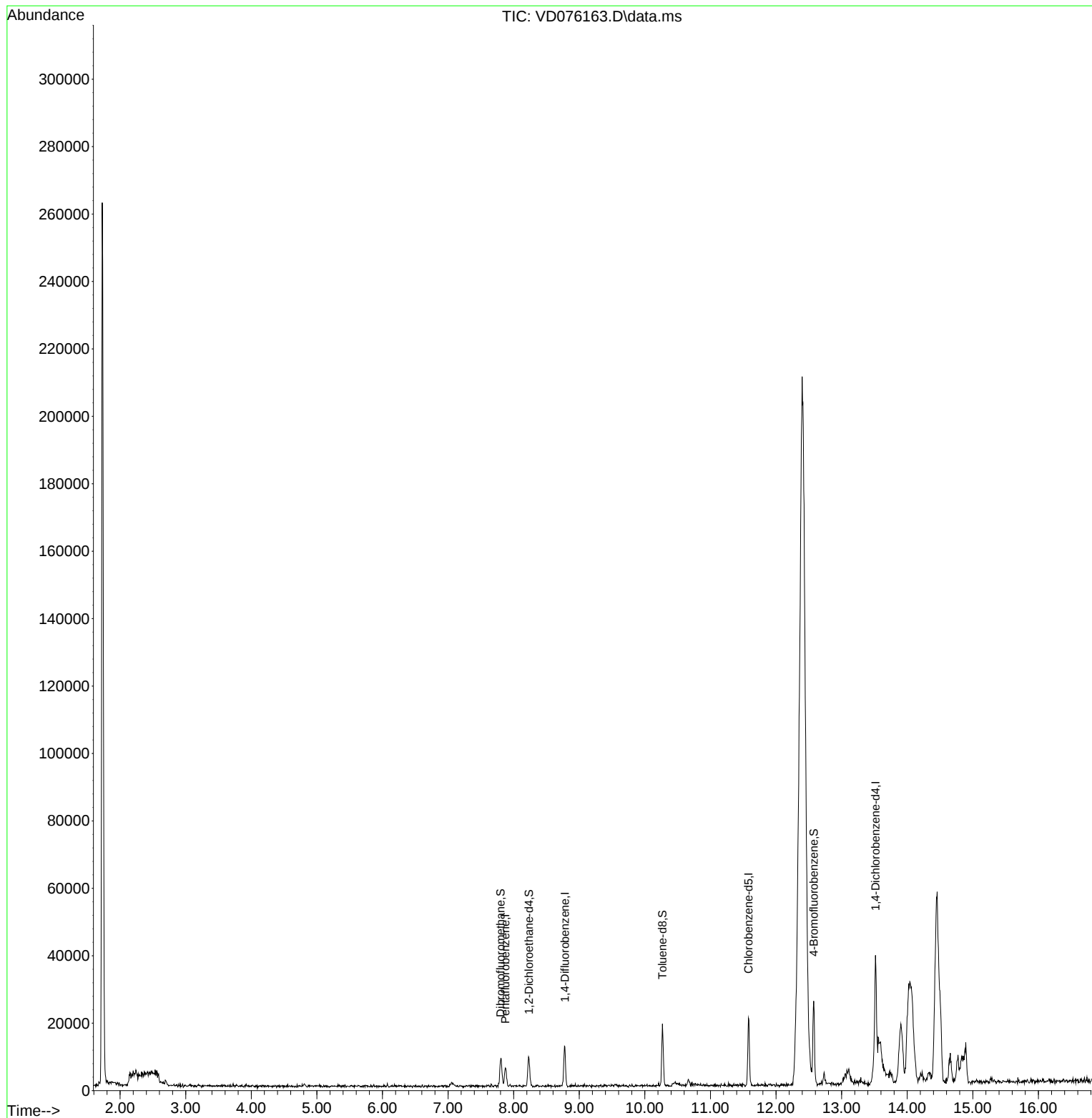
Target Compounds	Qvalue

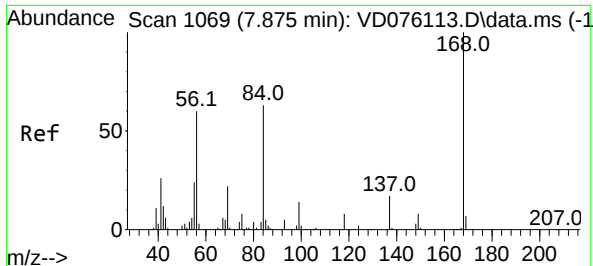
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
Data File : VD076163.D
Acq On : 19 May 2023 18:39
Operator : KP/SY
Sample : 02849-11
Misc : 4.92G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP8

Quant Time: May 22 01:31:20 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

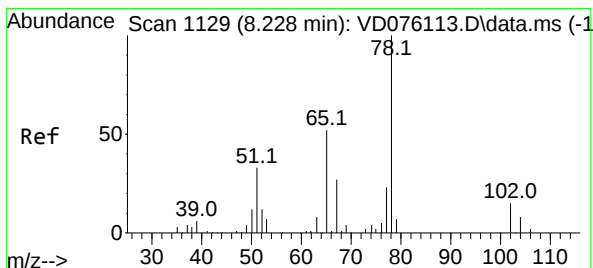
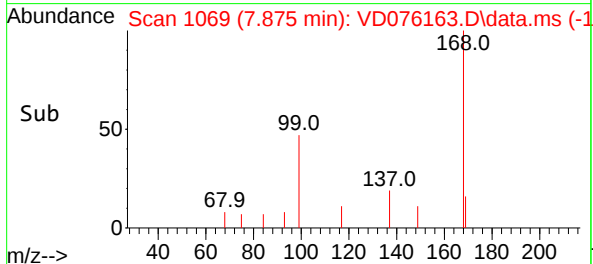
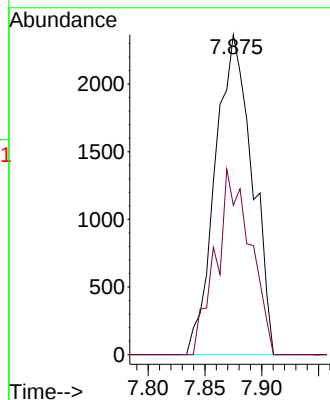
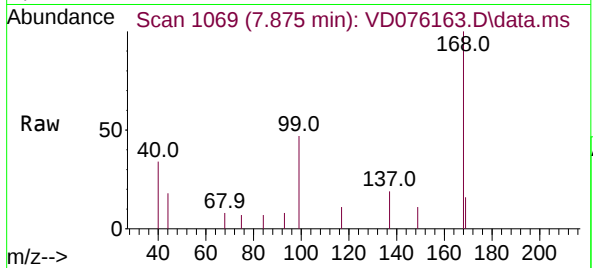




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD076163.D
Acq: 19 May 2023 18:39

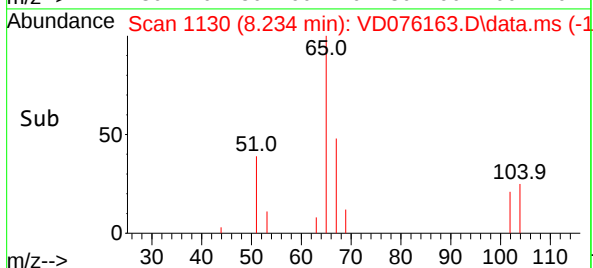
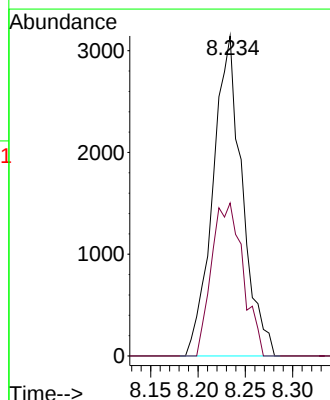
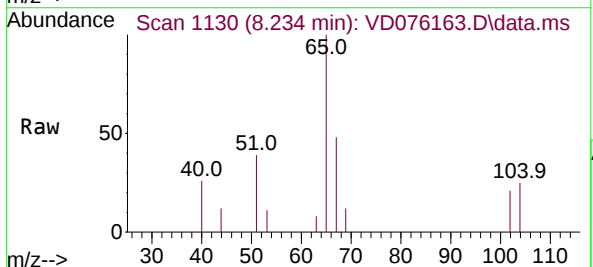
Instrument :
MSVOA_D
ClientSampleId :
TP8

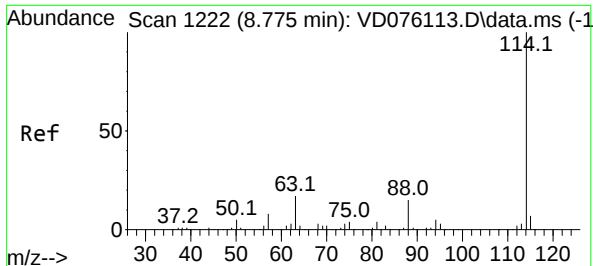
Tgt Ion:168 Resp: 5350
Ion Ratio Lower Upper
168 100
99 46.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 130.816 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076163.D
Acq: 19 May 2023 18:39

Tgt Ion: 65 Resp: 6764
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076163.D

Acq: 19 May 2023 18:39

Instrument :

MSVOA_D

ClientSampleId :

TP8

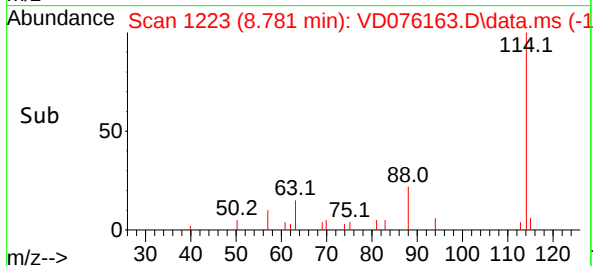
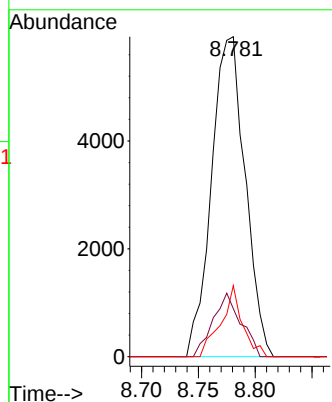
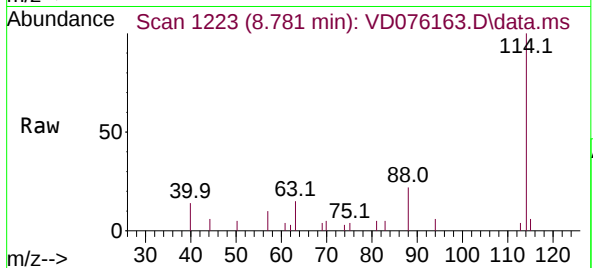
Tgt Ion:114 Resp: 12224

Ion Ratio Lower Upper

114 100

63 15.0 0.0 41.6

88 22.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 73.460 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076163.D

Acq: 19 May 2023 18:39

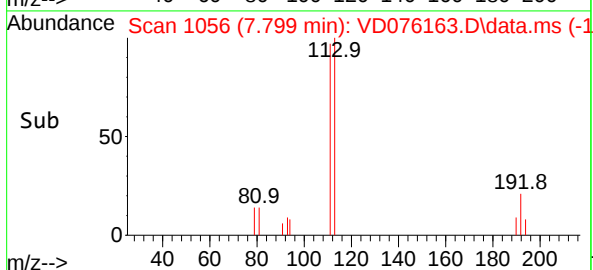
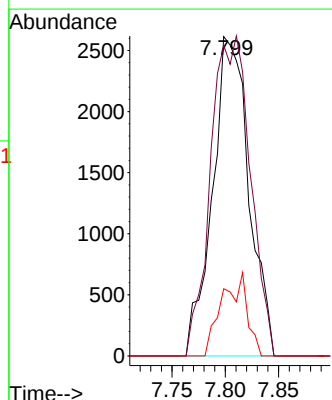
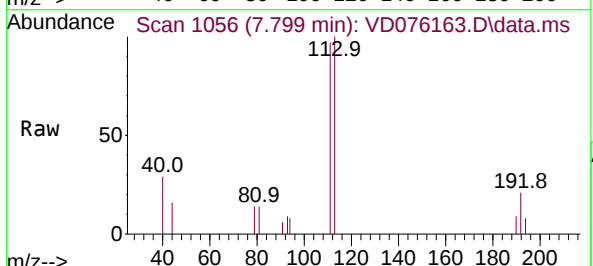
Tgt Ion:113 Resp: 6207

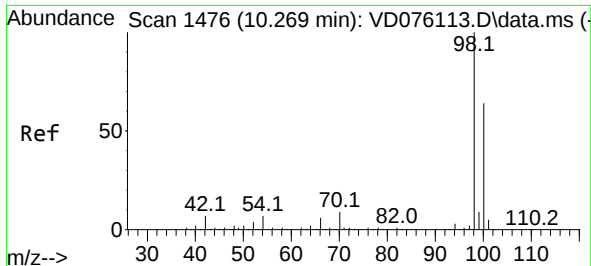
Ion Ratio Lower Upper

113 100

111 109.4 81.4 122.0

192 18.0 15.2 22.8

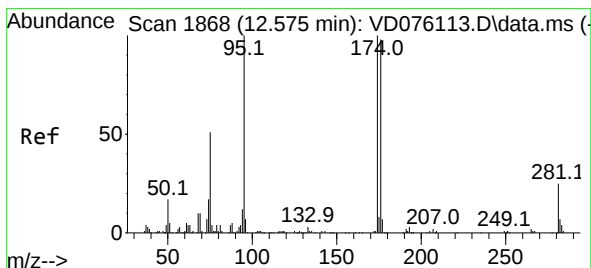
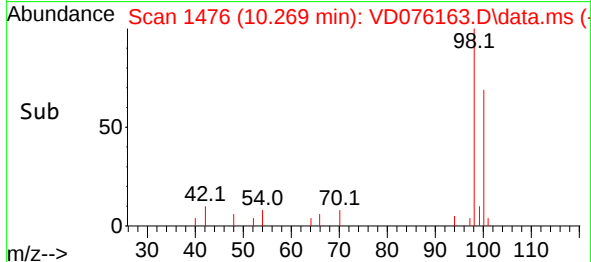
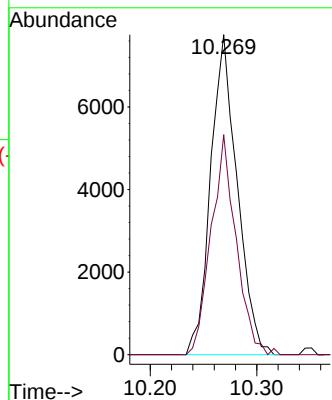
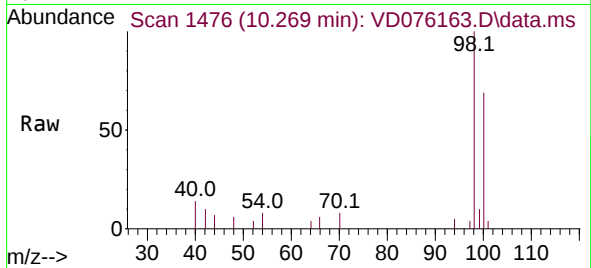




#50
Toluene-d8
Concen: 40.628 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076163.D
Acq: 19 May 2023 18:39

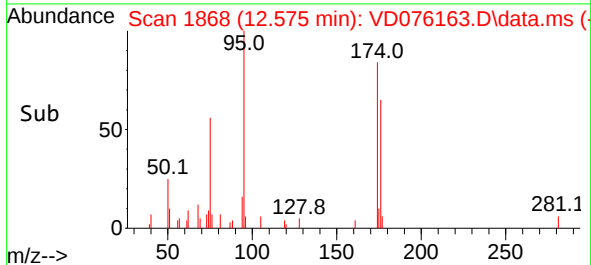
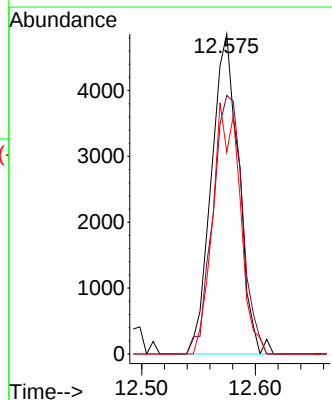
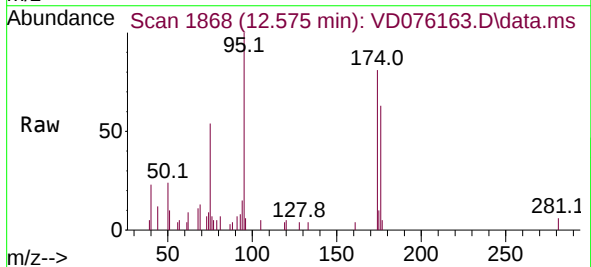
Instrument :
MSVOA_D
ClientSampleId :
TP8

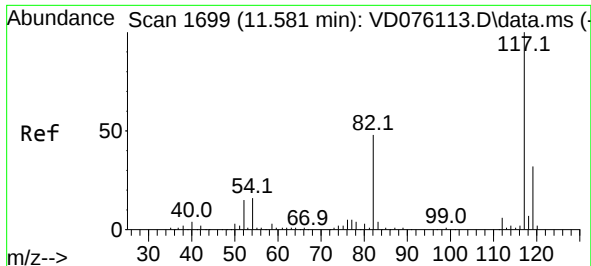
Tgt Ion: 98 Resp: 13382
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 88.702 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076163.D
Acq: 19 May 2023 18:39

Tgt Ion: 95 Resp: 8116
Ion Ratio Lower Upper
95 100
174 87.3 0.0 164.0
176 77.9 0.0 156.8

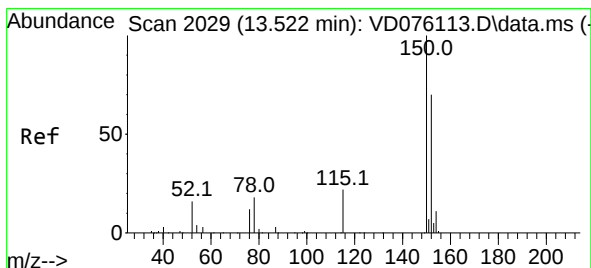
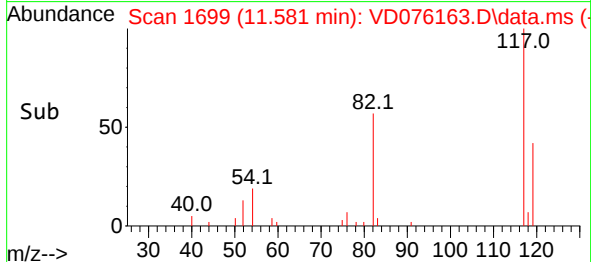
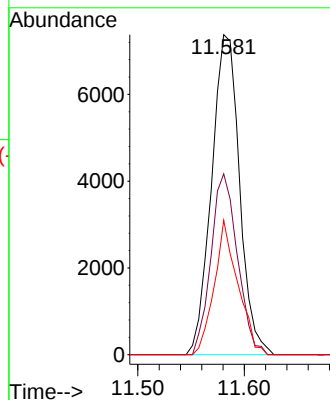
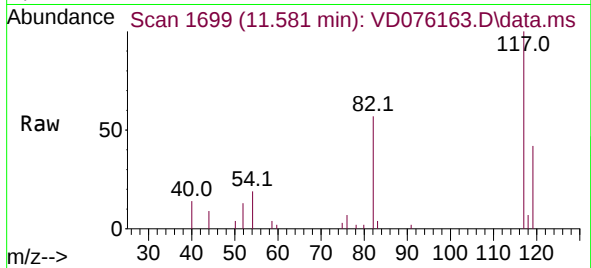




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076163.D
Acq: 19 May 2023 18:39

Instrument :
MSVOA_D
ClientSampleId :
TP8

Tgt Ion:117 Resp: 13451
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 42.0 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: VD076163.D
Acq: 19 May 2023 18:39

Tgt Ion:152 Resp: 7196
Ion Ratio Lower Upper
152 100
115 55.7 30.1 90.3
150 149.4 0.0 364.8

