

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076239.D
 Acq On : 25 May 2023 18:08
 Operator : KP/SY
 Sample : 02868-11RE
 Misc : 5.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP12RE

Quant Time: May 26 02:00:53 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	7.863	168	3677	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.781	114	8226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7560	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	4056	114.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	228.260%#
35) Dibromofluoromethane	7.810	113	3705	65.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.320%
50) Toluene-d8	10.263	98	8157	36.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.600%
62) 4-Bromofluorobenzene	12.575	95	3539	57.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.960%

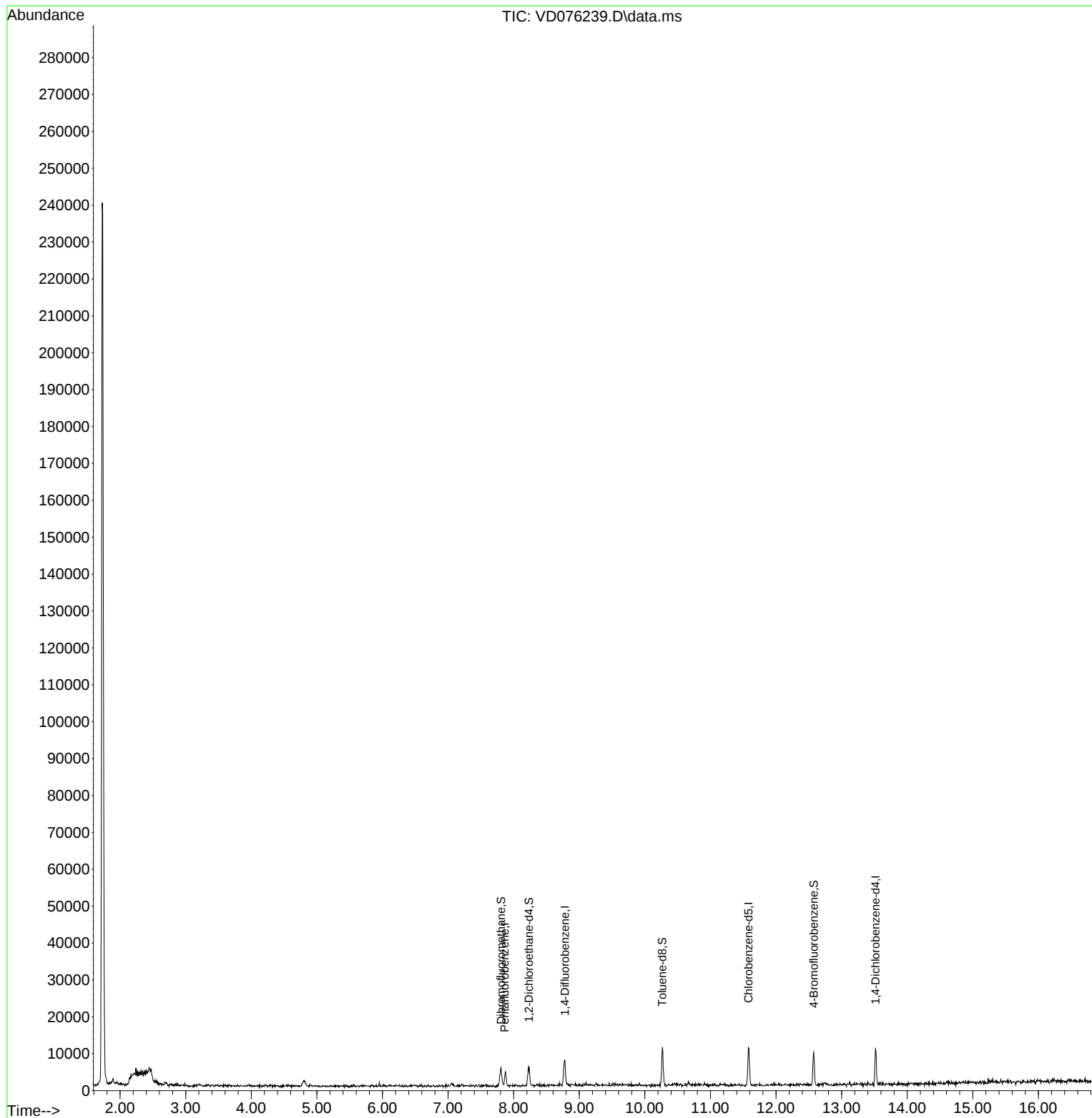
Target Compounds	Qvalue

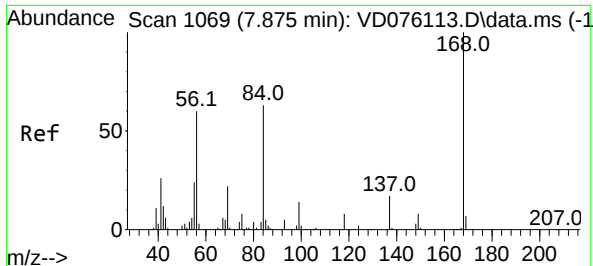
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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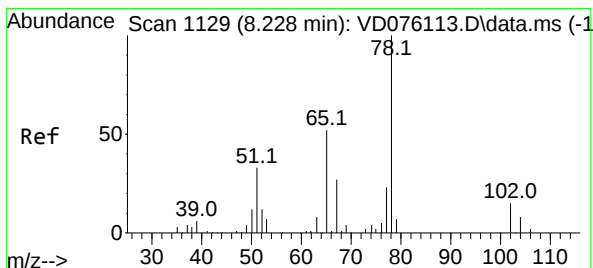
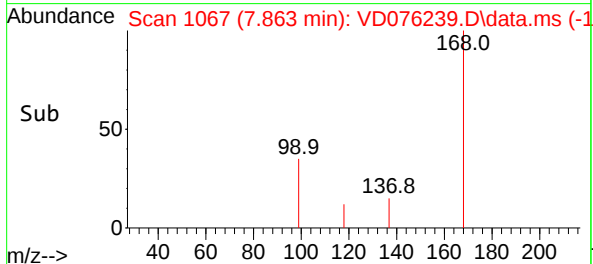
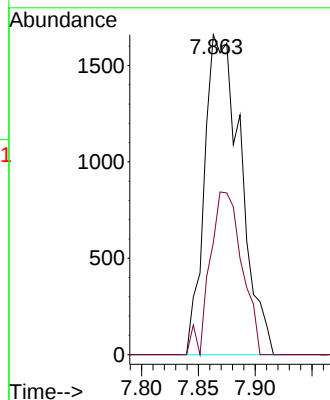
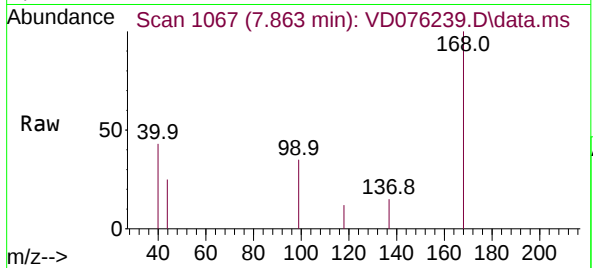




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.863 min Scan# 1130
Delta R.T. -0.012 min
Lab File: VD076239.D
Acq: 25 May 2023 18:08

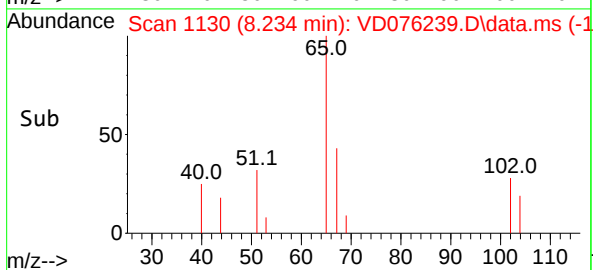
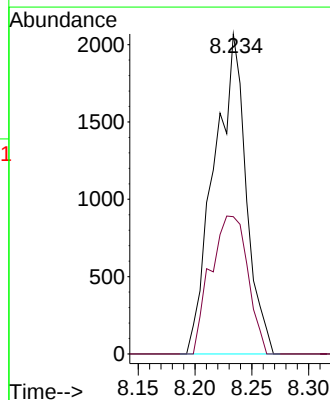
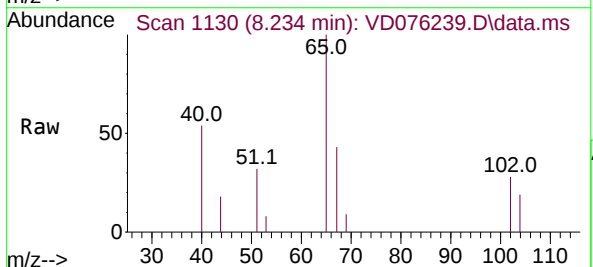
Instrument :
MSVOA_D
ClientSampleId :
TP12RE

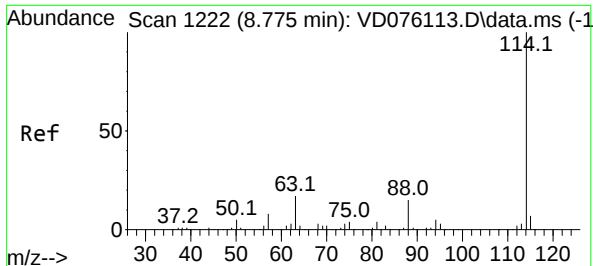
Tgt Ion:168 Resp: 3677
Ion Ratio Lower Upper
168 100
99 35.0 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 114.134 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076239.D
Acq: 25 May 2023 18:08

Tgt Ion: 65 Resp: 4056
Ion Ratio Lower Upper
65 100
67 50.0 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: VD076239.D

Acq: 25 May 2023 18:08

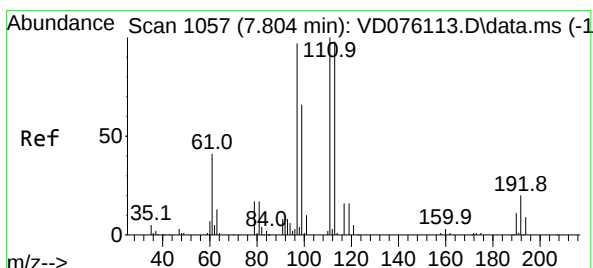
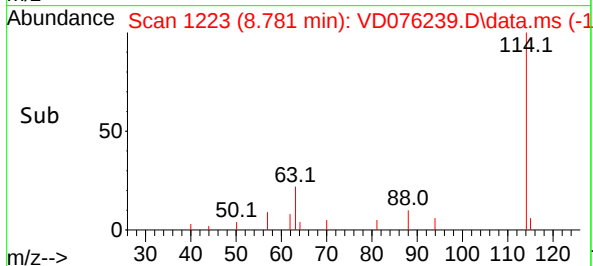
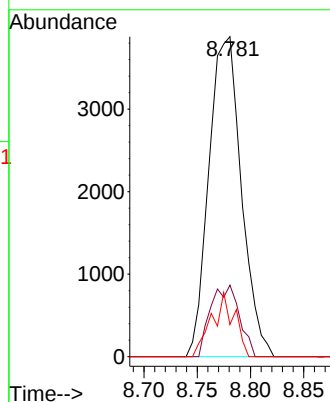
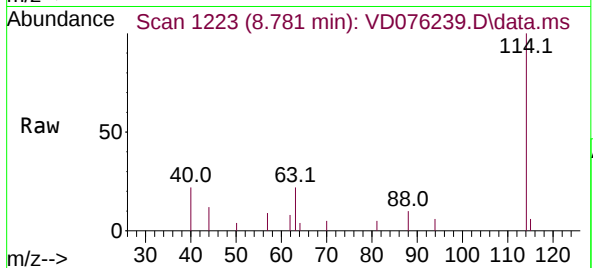
Instrument :

MSVOA_D

ClientSampleId :

TP12RE

Tgt Ion:114	Resp:	8226
Ion	Ratio	Lower Upper
114	100	
63	22.4	0.0 41.6
88	10.1	0.0 30.6



#35

Dibromofluoromethane

Concen: 65.161 ug/l

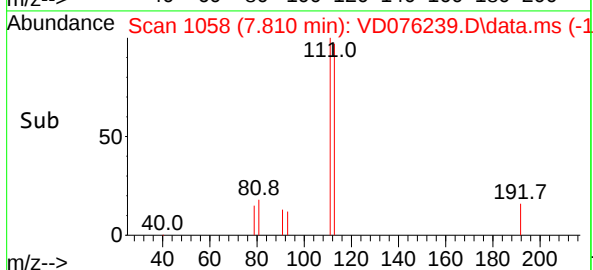
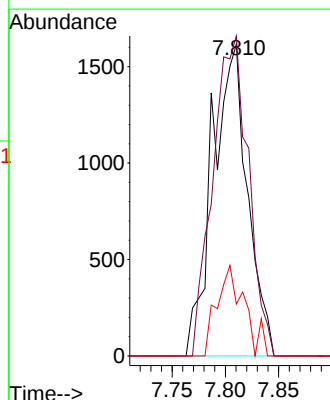
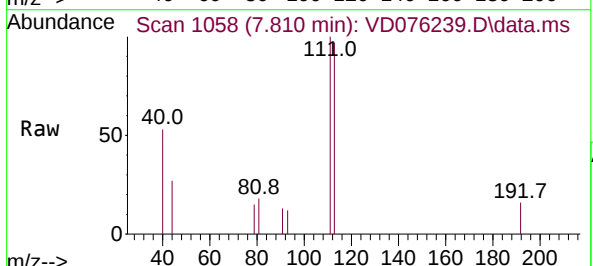
RT: 7.810 min Scan# 1058

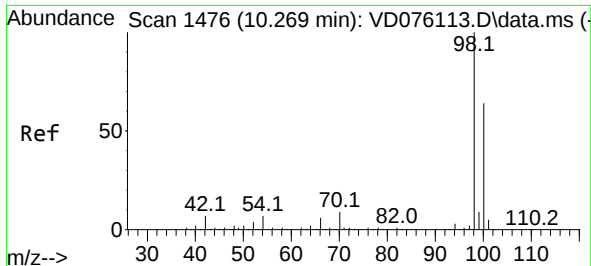
Delta R.T. 0.005 min

Lab File: VD076239.D

Acq: 25 May 2023 18:08

Tgt Ion:113	Resp:	3705
Ion	Ratio	Lower Upper
113	100	
111	103.6	81.4 122.0
192	22.7	15.2 22.8

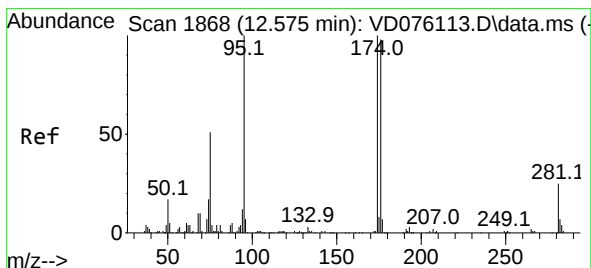
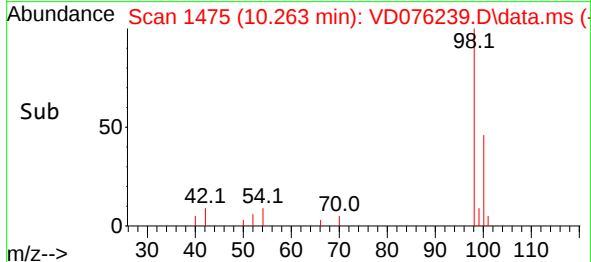
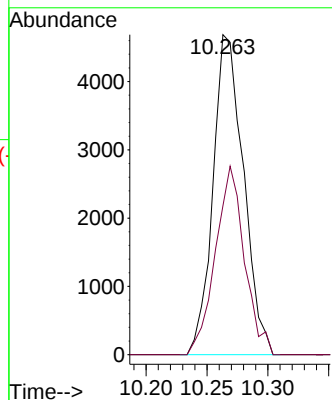
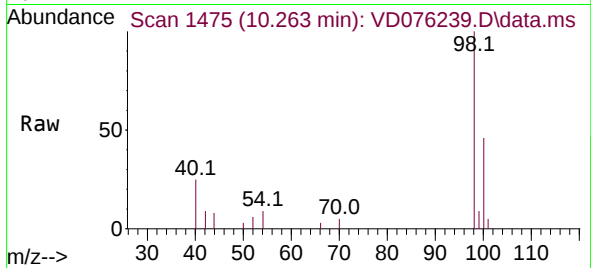




#50
Toluene-d8
Concen: 36.801 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076239.D
Acq: 25 May 2023 18:08

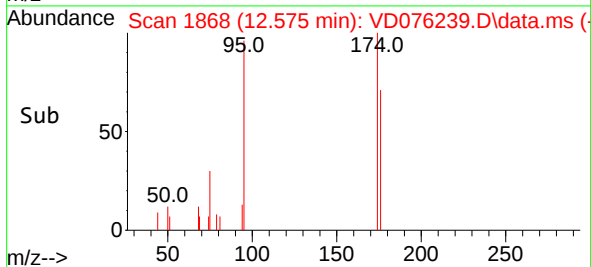
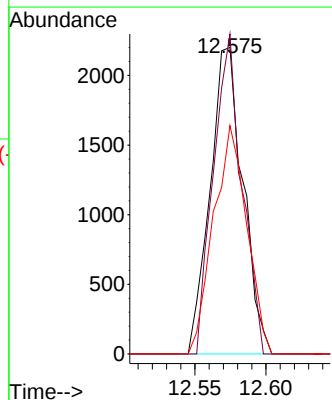
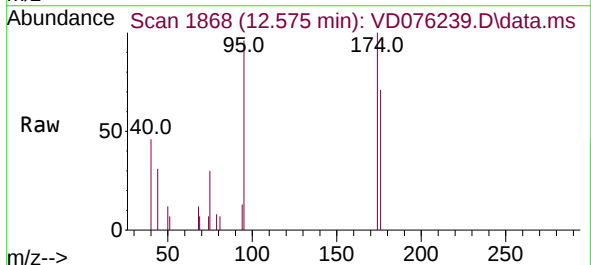
Instrument :
MSVOA_D
ClientSampleId :
TP12RE

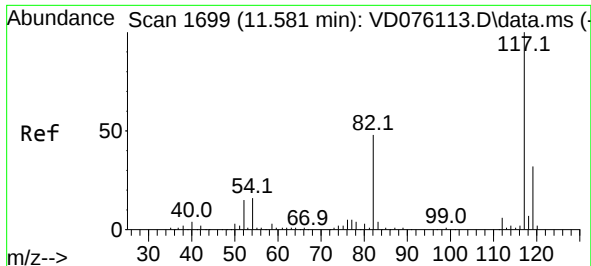
Tgt Ion: 98 Resp: 8157
Ion Ratio Lower Upper
98 100
100 56.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 57.477 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076239.D
Acq: 25 May 2023 18:08

Tgt Ion: 95 Resp: 3539
Ion Ratio Lower Upper
95 100
174 90.4 0.0 164.0
176 75.3 0.0 156.8

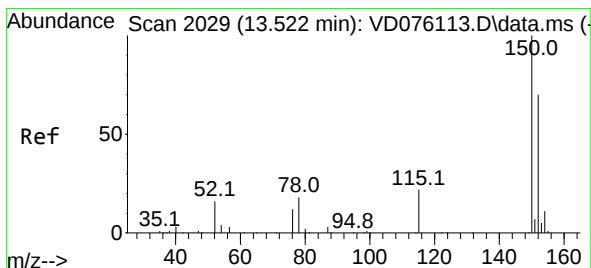
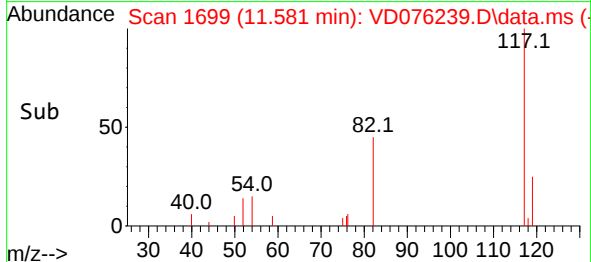
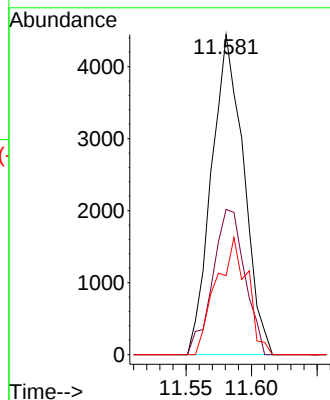
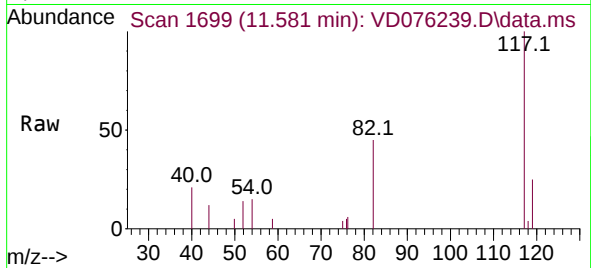




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076239.D
Acq: 25 May 2023 18:08

Instrument :
MSVOA_D
ClientSampleId :
TP12RE

Tgt Ion:117 Resp: 7560
Ion Ratio Lower Upper
117 100
82 45.4 44.0 66.0
119 24.7 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: VD076239.D
Acq: 25 May 2023 18:08

Tgt Ion:152 Resp: 3263
Ion Ratio Lower Upper
152 100
115 55.6 30.1 90.3
150 165.6 0.0 364.8

