

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076356.D
 Acq On : 07 Jun 2023 16:19
 Operator : KP/SY
 Sample : 03045-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-1-060523

Quant Time: Jun 08 01:18:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	6292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	13960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	16817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	9946	176.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	352.840%#
35) Dibromofluoromethane	7.810	113	7869	88.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	177.560%#
50) Toluene-d8	10.269	98	16471	46.672	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.340%
62) 4-Bromofluorobenzene	12.575	95	6190	66.279	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	132.560%

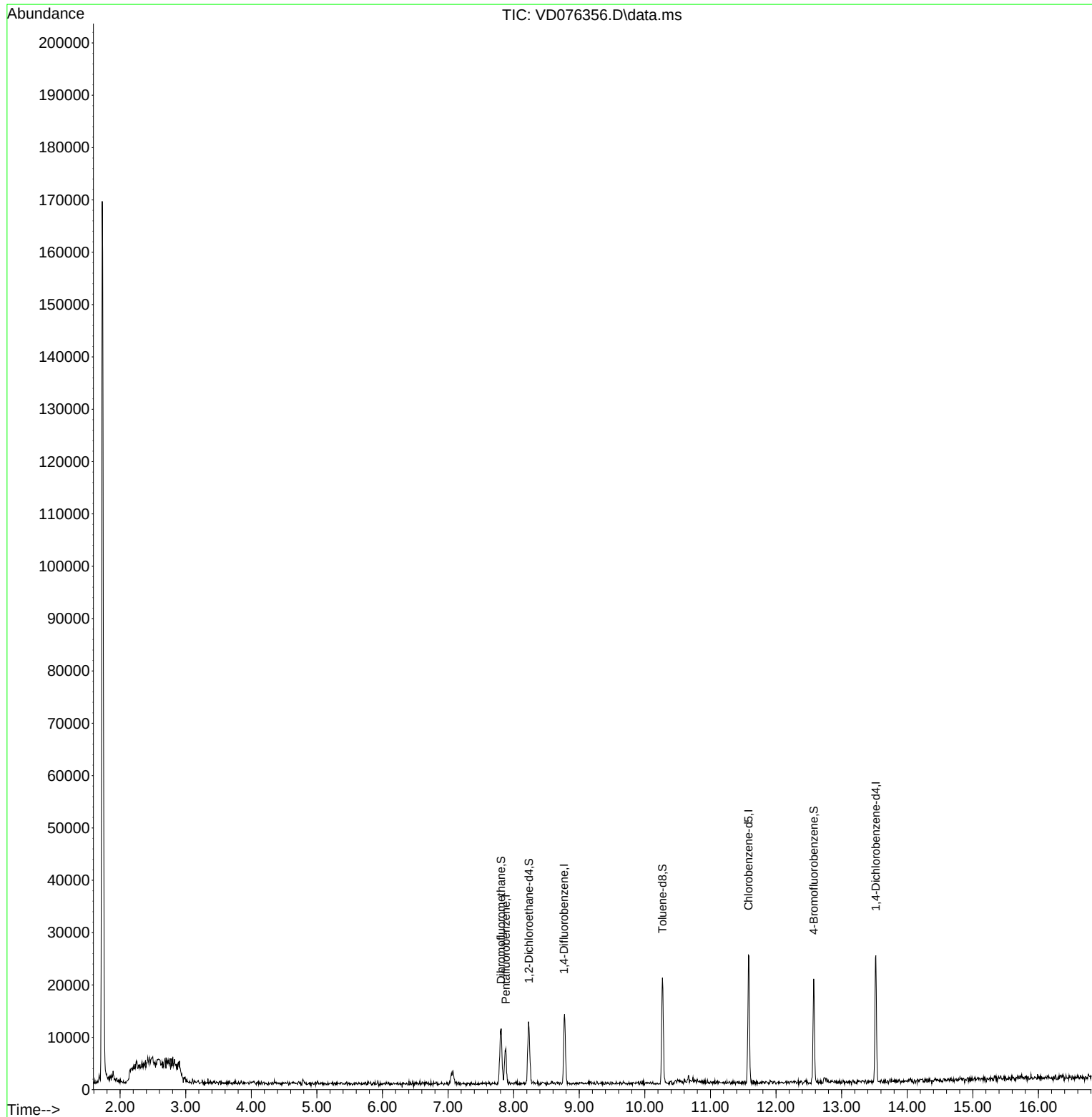
Target Compounds	Qvalue

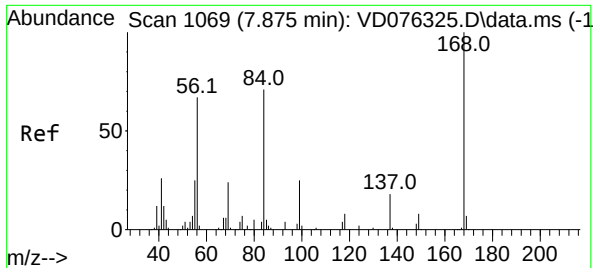
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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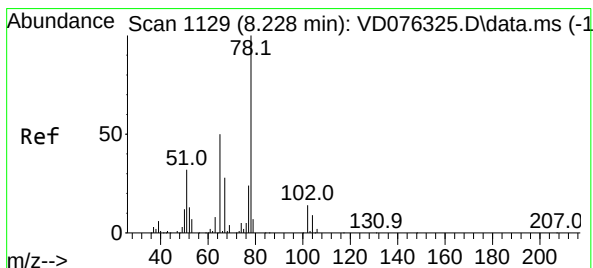
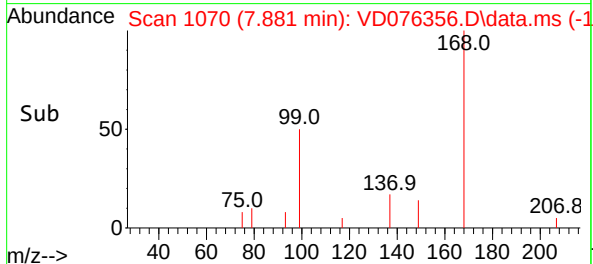
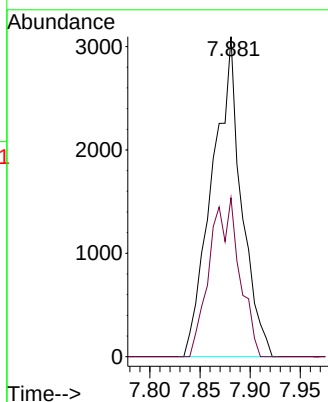
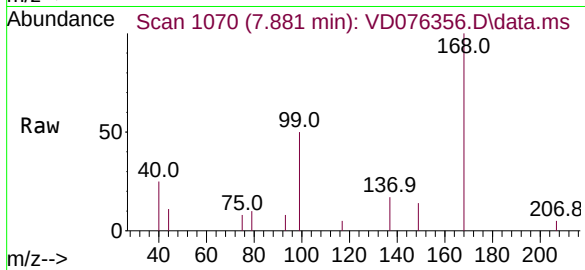




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

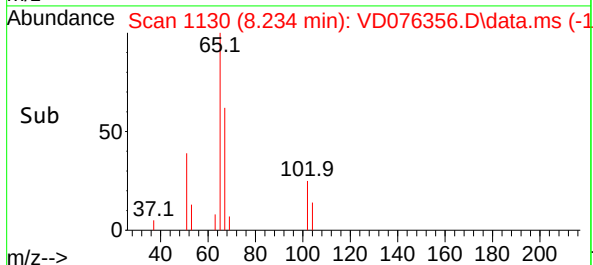
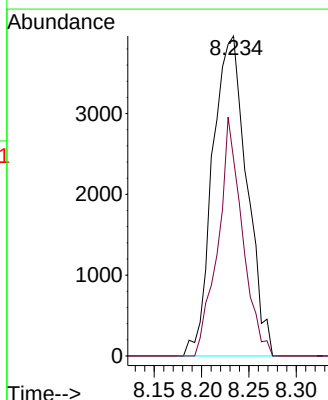
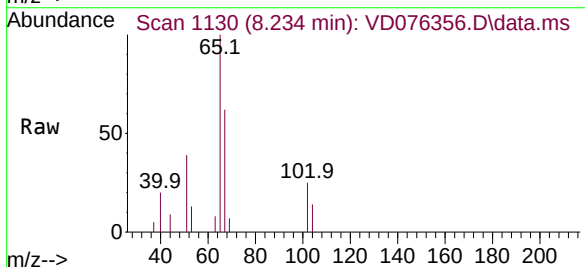
Instrument :
MSVOA_D
ClientSampleId :
PAT-1-060523

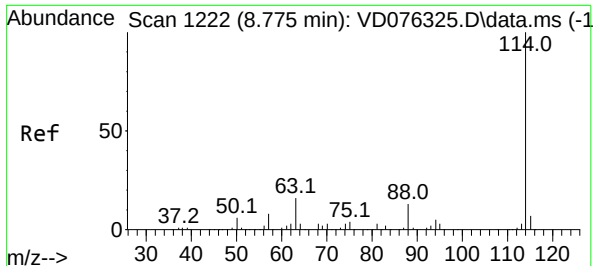
Tgt Ion:168 Resp: 6292
Ion Ratio Lower Upper
168 100
99 49.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 176.423 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Tgt Ion: 65 Resp: 9946
Ion Ratio Lower Upper
65 100
67 53.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076356.D

Acq: 07 Jun 2023 16:19

Instrument :

MSVOA_D

ClientSampleId :

PAT-1-060523

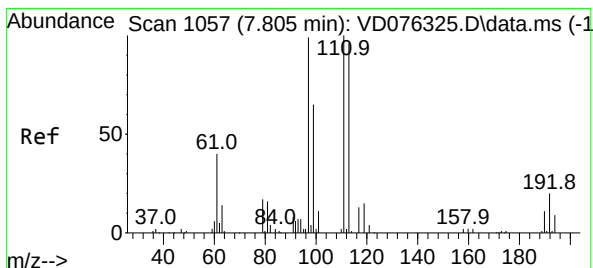
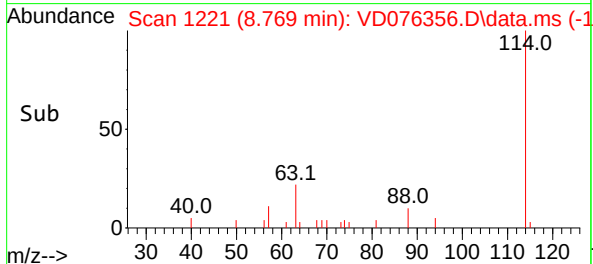
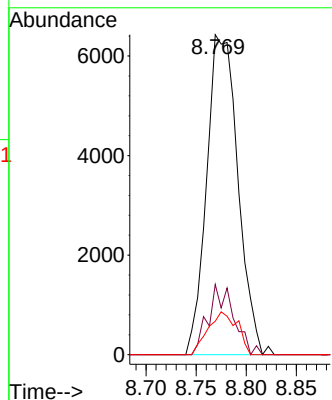
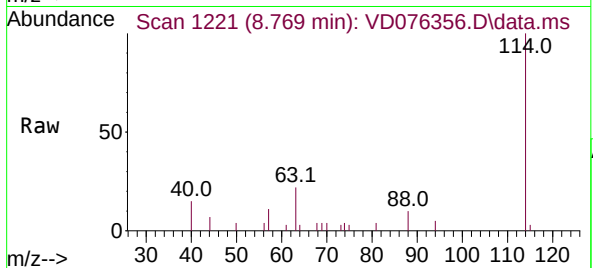
Tgt Ion:114 Resp: 13960

Ion Ratio Lower Upper

114 100

63 21.9 0.0 33.4

88 10.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 88.778 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076356.D

Acq: 07 Jun 2023 16:19

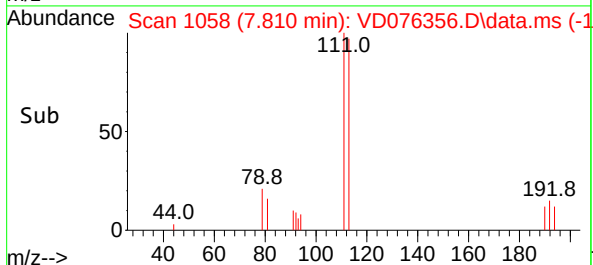
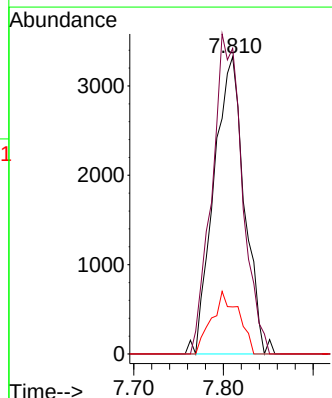
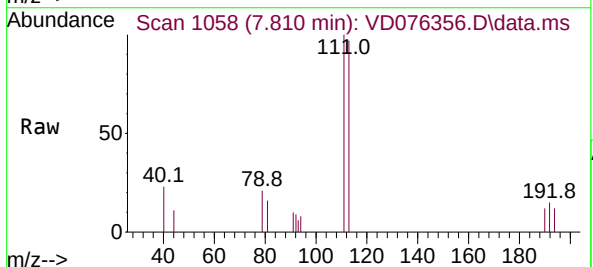
Tgt Ion:113 Resp: 7869

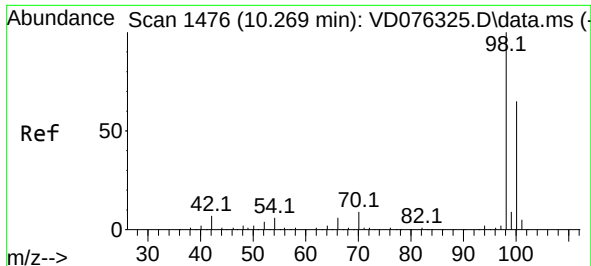
Ion Ratio Lower Upper

113 100

111 106.7 84.7 127.1

192 18.6 16.8 25.2

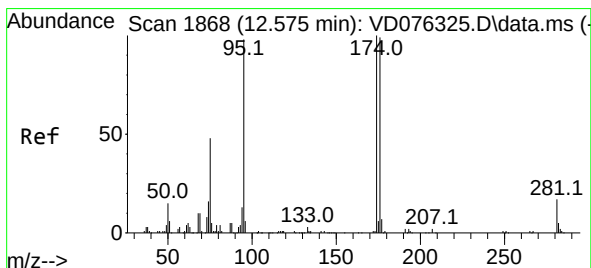
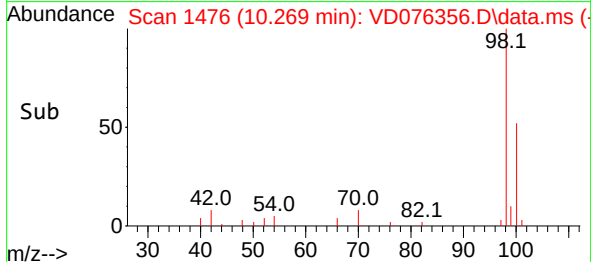
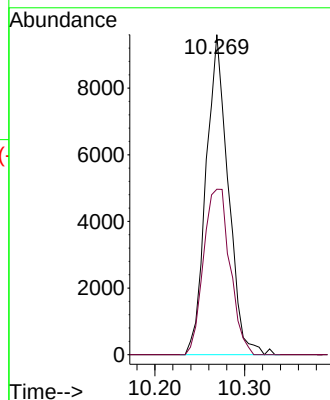
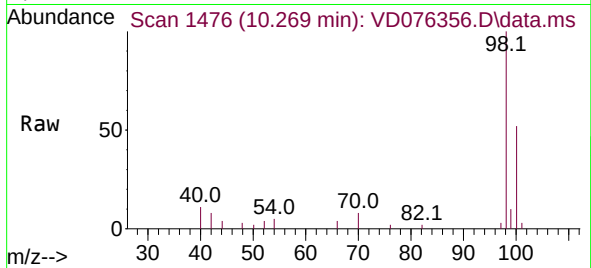




#50
Toluene-d8
Concen: 46.672 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

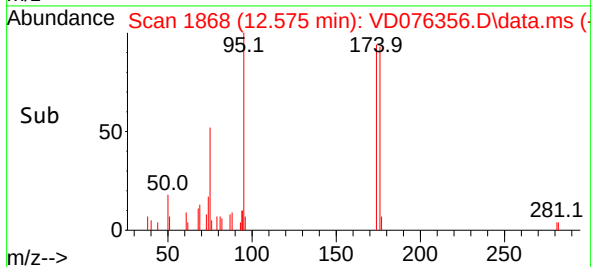
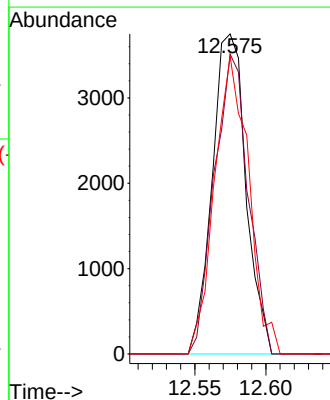
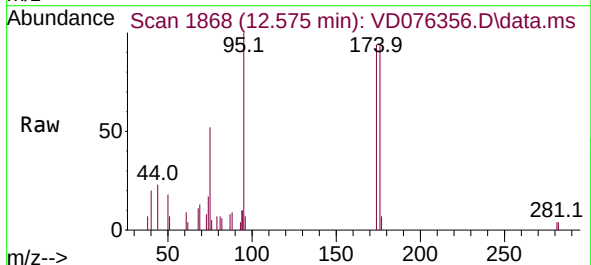
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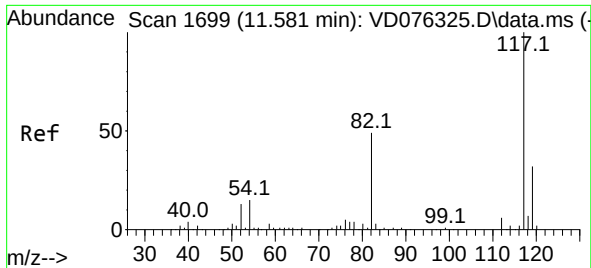
Tgt Ion: 98 Resp: 16471
Ion Ratio Lower Upper
98 100
100 61.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 66.279 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Tgt Ion: 95 Resp: 6190
Ion Ratio Lower Upper
95 100
174 94.1 0.0 201.8
176 94.0 0.0 191.8

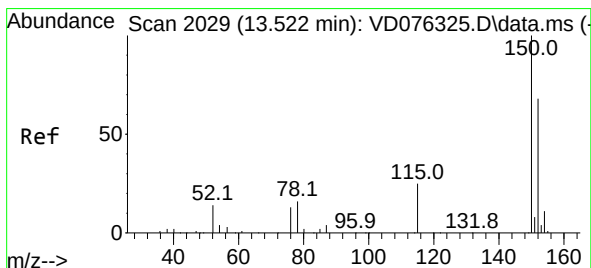
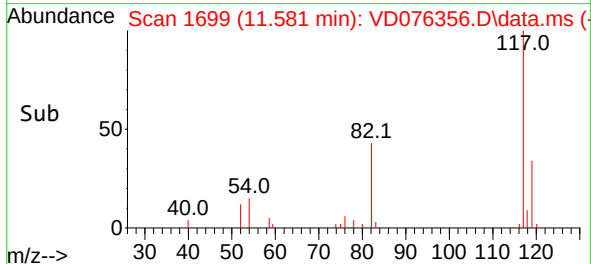
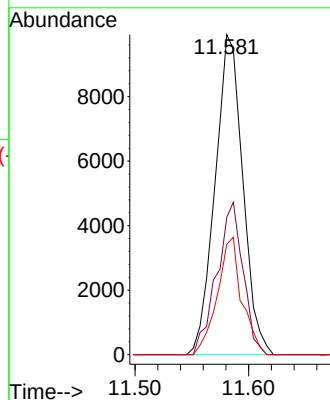
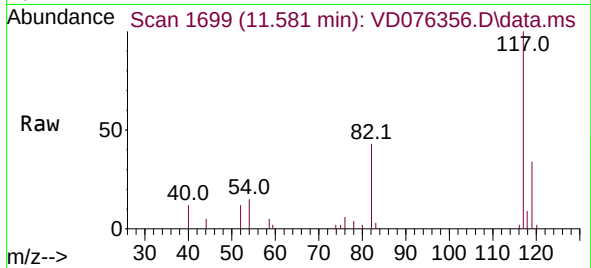




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Instrument :
MSVOA_D
ClientSampleId :
PAT-1-060523

Tgt Ion:117	Resp:	16817
Ion	Ratio	Lower Upper
117	100	
82	42.9	38.3 57.5
119	34.5	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076356.D
Acq: 07 Jun 2023 16:19

Tgt Ion:152	Resp:	8181
Ion	Ratio	Lower Upper
152	100	
115	42.6	27.1 81.3
150	150.7	0.0 353.6

