

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076360.D
 Acq On : 07 Jun 2023 18:19
 Operator : KP/SY
 Sample : 03093-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-06072023

Quant Time: Jun 08 01:19:12 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	7.869	168	6323	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	12260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	13818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	6205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7121	125.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	251.380%#
35) Dibromofluoromethane	7.810	113	6415	82.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	164.820%#
50) Toluene-d8	10.269	98	12850	41.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.920%
62) 4-Bromofluorobenzene	12.575	95	5868	71.543	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	143.080%#

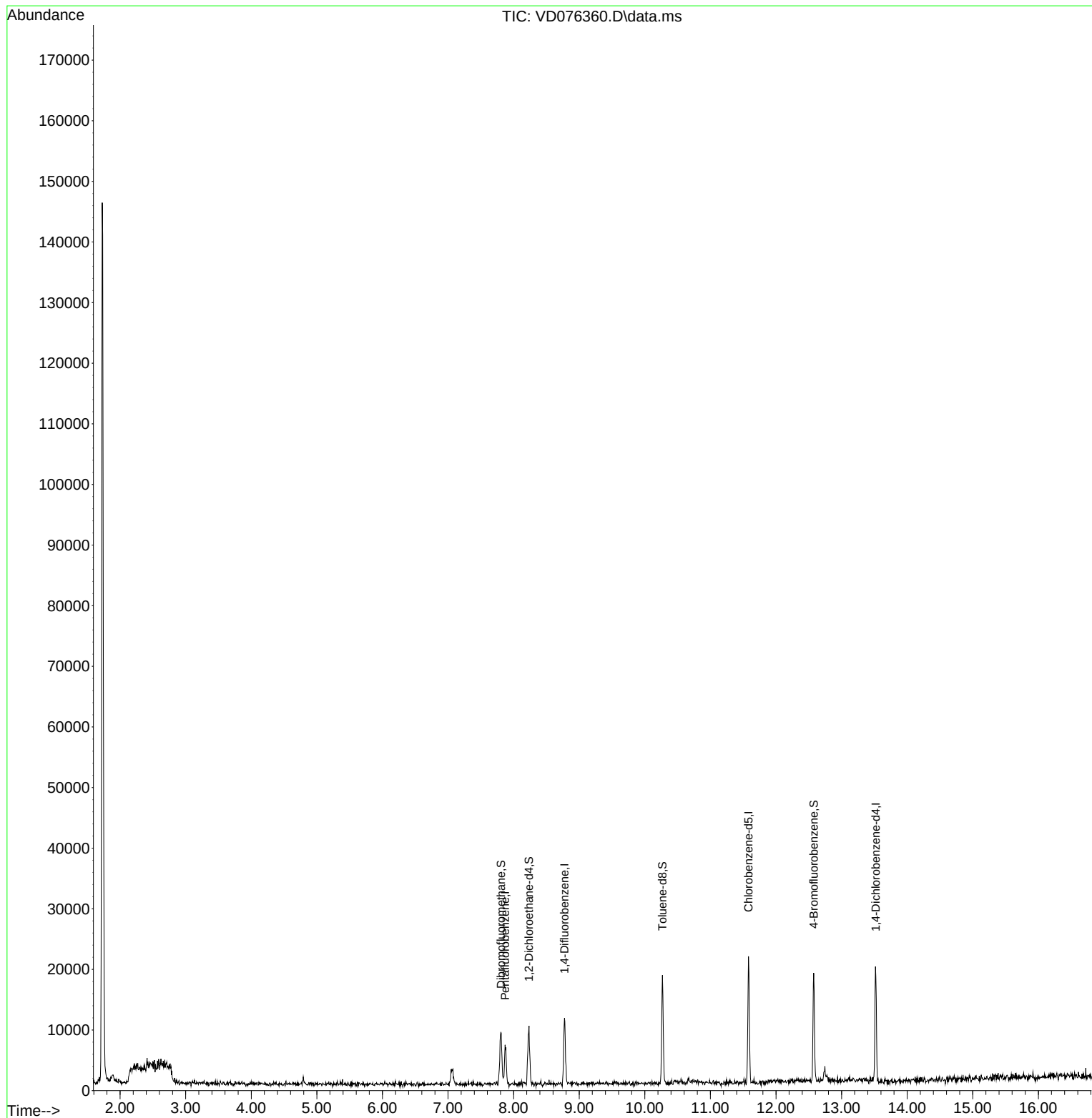
Target Compounds	Qvalue

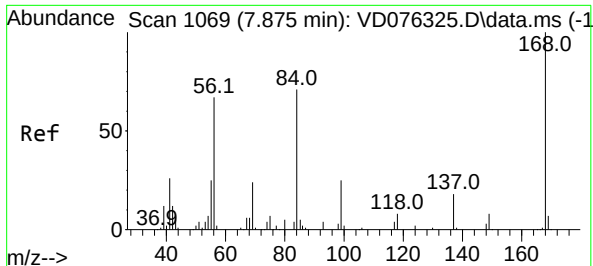
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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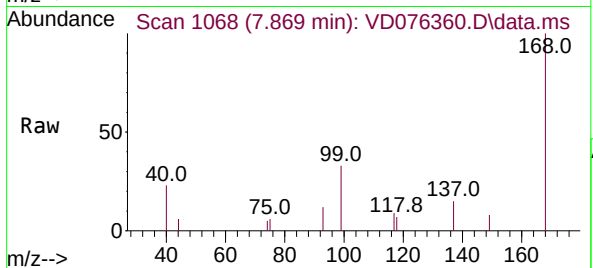
Quant Time: Jun 08 01:19:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
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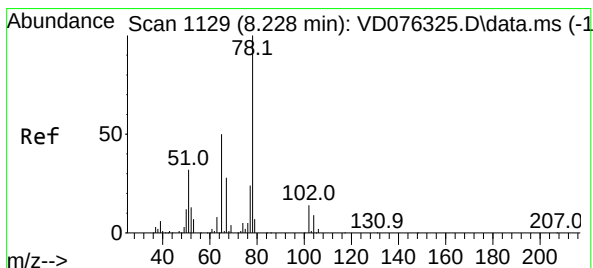
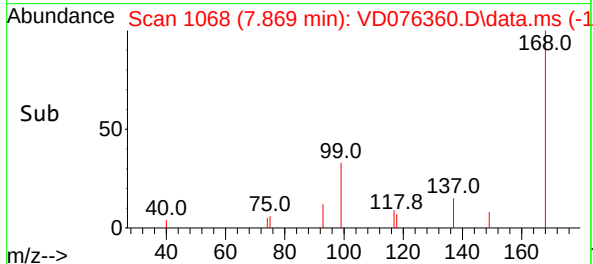
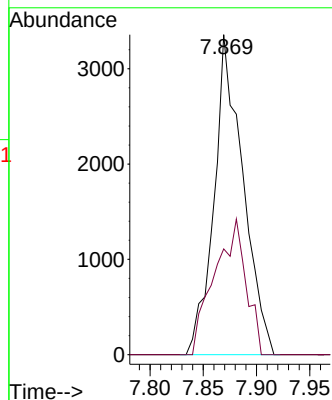


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

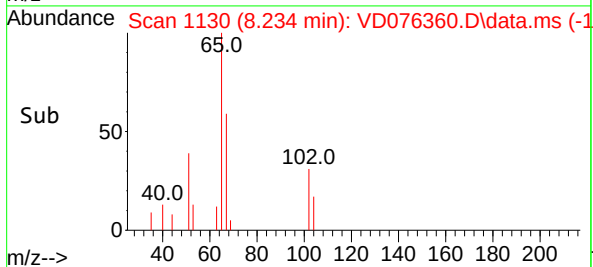
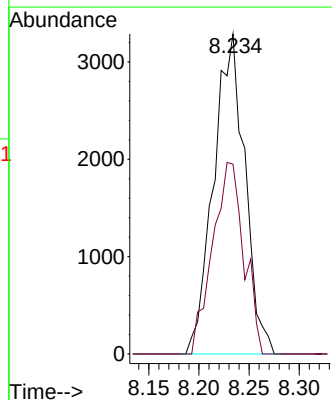
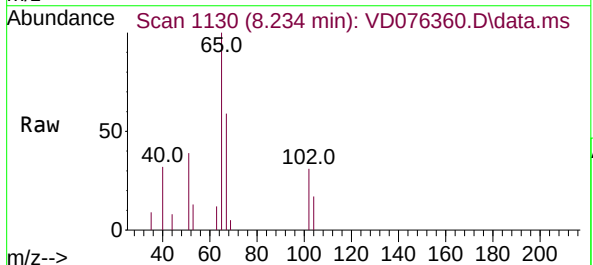


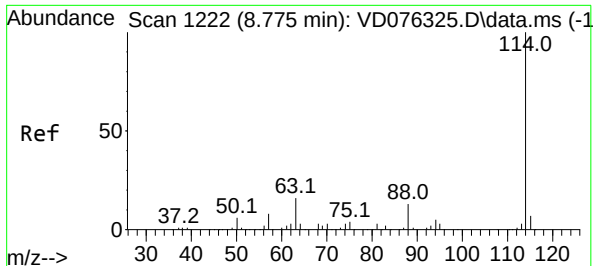
Tgt Ion:168 Resp: 6323
Ion Ratio Lower Upper
168 100
99 33.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 125.693 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Tgt Ion: 65 Resp: 7121
Ion Ratio Lower Upper
65 100
67 59.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076360.D

Acq: 07 Jun 2023 18:19

Instrument :

MSVOA_D

ClientSampleId :

SU-3-06072023

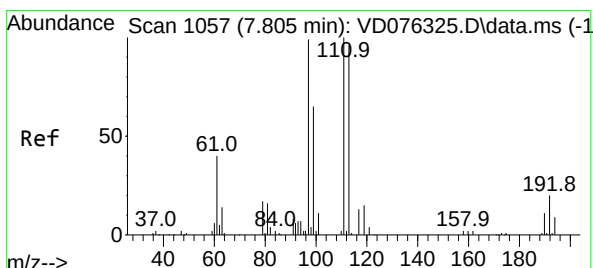
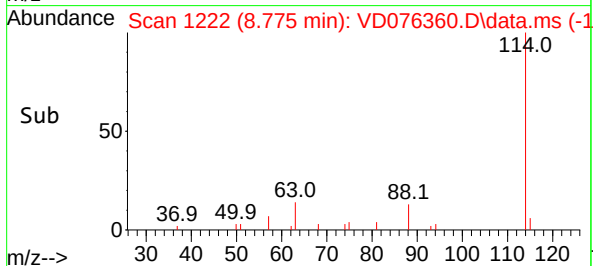
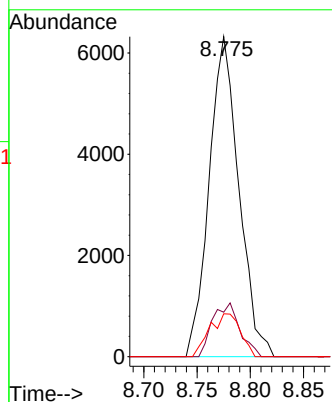
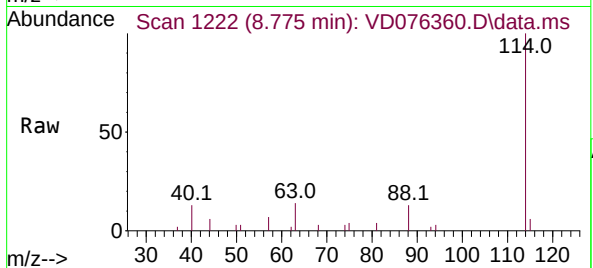
Tgt Ion:114 Resp: 12260

Ion Ratio Lower Upper

114 100

63 13.9 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 82.409 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076360.D

Acq: 07 Jun 2023 18:19

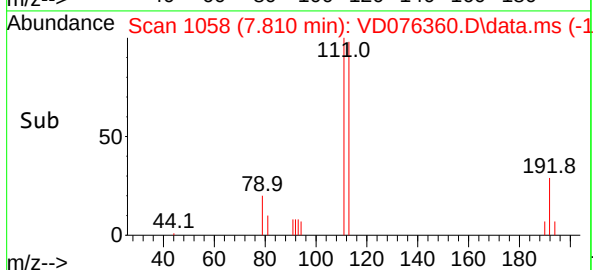
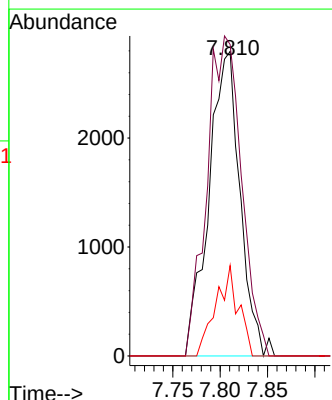
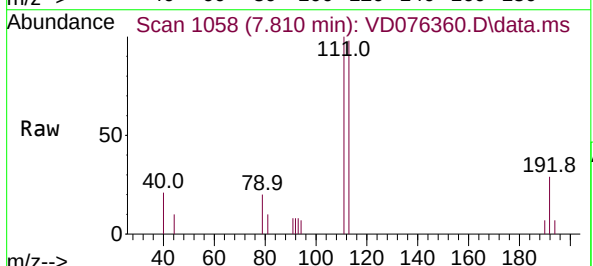
Tgt Ion:113 Resp: 6415

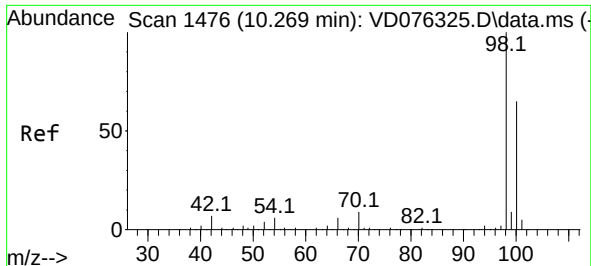
Ion Ratio Lower Upper

113 100

111 116.9 84.7 127.1

192 21.4 16.8 25.2

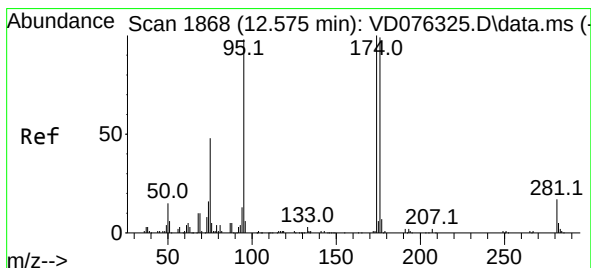
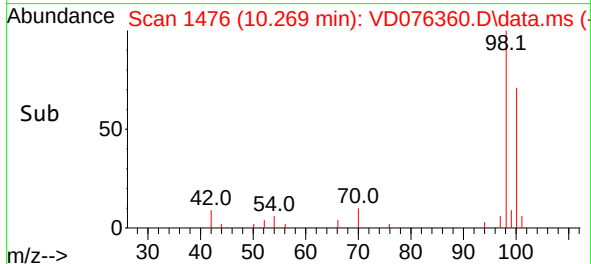
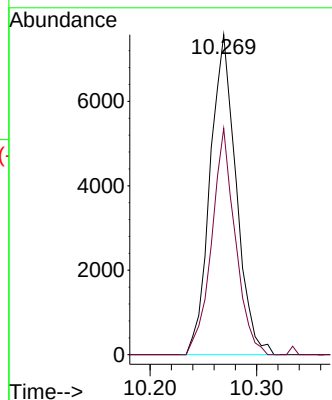
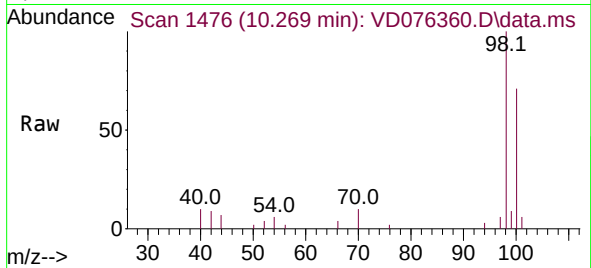




#50
Toluene-d8
Concen: 41.461 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

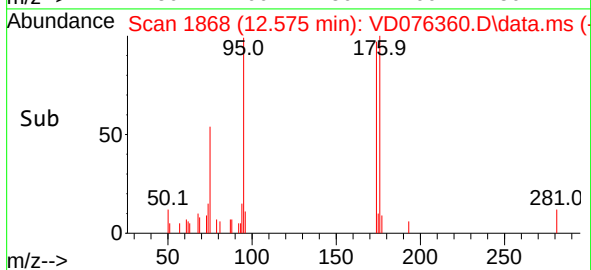
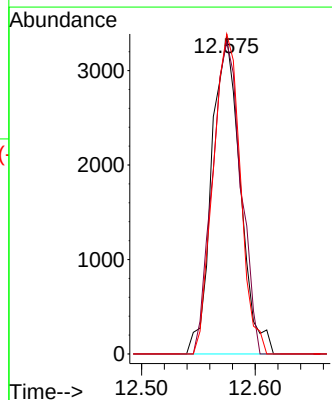
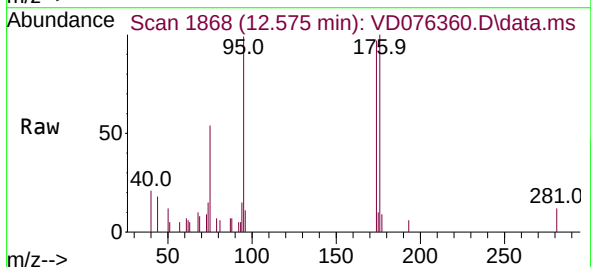
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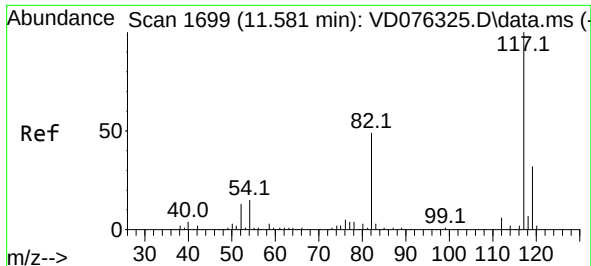
Tgt Ion: 98 Resp: 12850
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 71.543 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Tgt Ion: 95 Resp: 5868
Ion Ratio Lower Upper
95 100
174 98.1 0.0 201.8
176 95.9 0.0 191.8

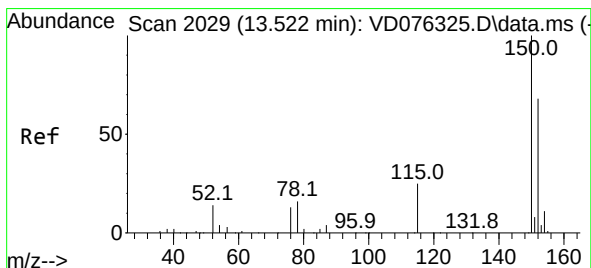
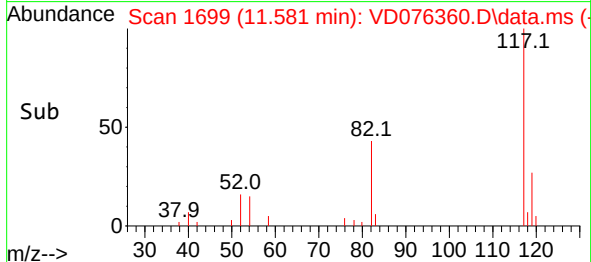
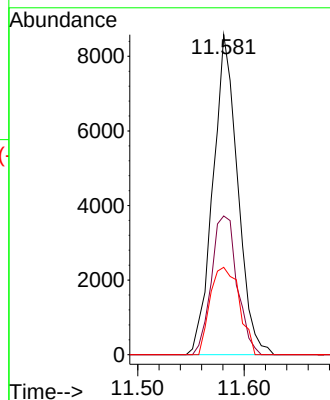
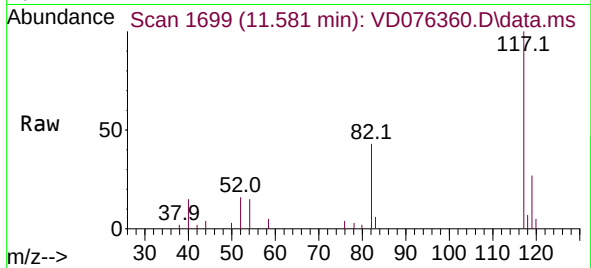




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

Tgt Ion:	117	Resp:	13818
Ion	Ratio	Lower	Upper
117	100		
82	43.4	38.3	57.5
119	27.3	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: VD076360.D
Acq: 07 Jun 2023 18:19

Tgt Ion:	152	Resp:	6205
Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.1	81.3
150	154.8	0.0	353.6

