

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076790.D
 Acq On : 19 Jul 2023 14:58
 Operator : KP/SY
 Sample : 03655-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MARION-COMP

Quant Time: Jul 20 04:59:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

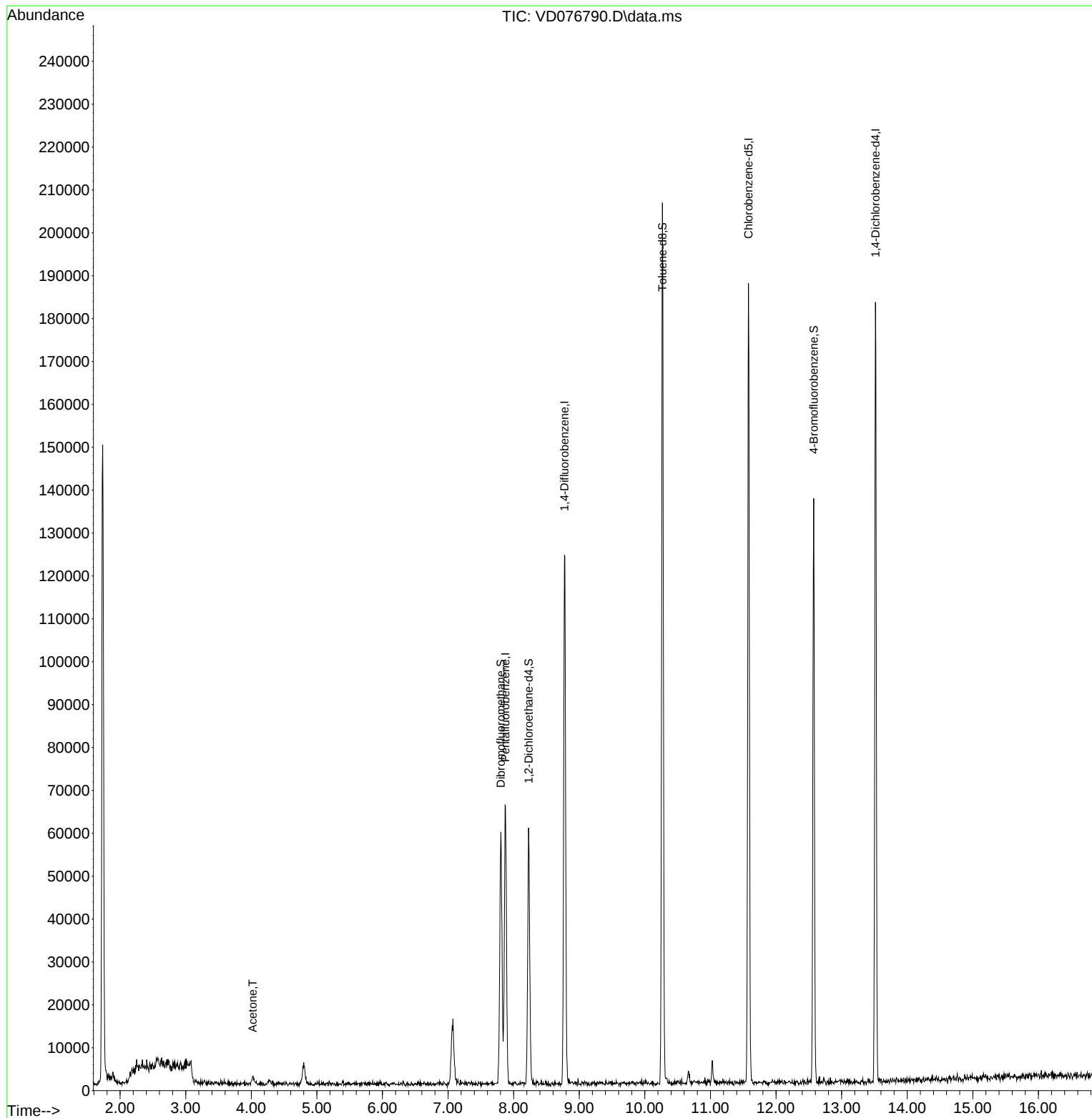
Internal Standards						
1) Pentafluorobenzene	7.875	168	48917	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	113971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	113983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42682	87.602	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	175.200%	#
35) Dibromofluoromethane	7.804	113	43480	60.709	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	121.420%	
50) Toluene-d8	10.269	98	144503	56.400	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	112.800%	
62) 4-Bromofluorobenzene	12.575	95	42642	51.447	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	102.900%	
Target Compounds						
16) Acetone	4.022	43	2851	24.501	ug/l	# 85

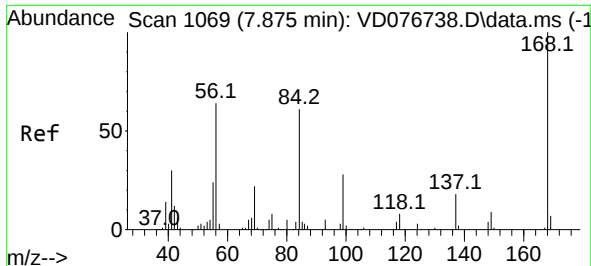
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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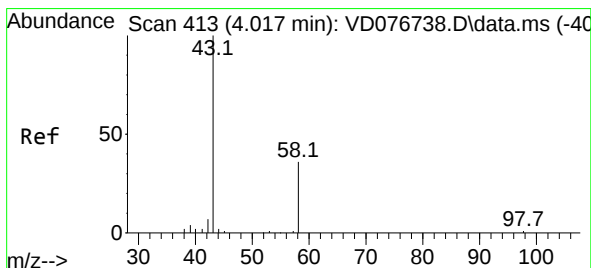
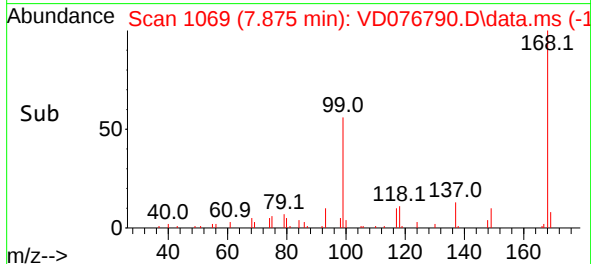
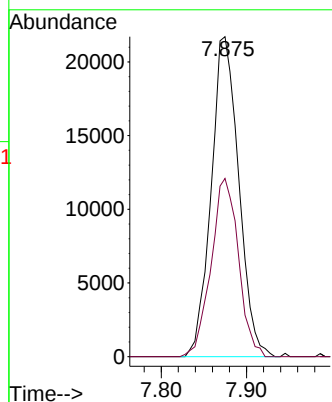
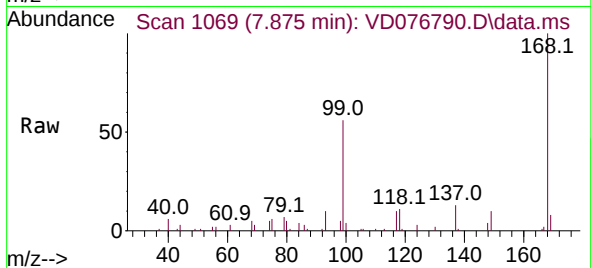




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076790.D
Acq: 19 Jul 2023 14:58

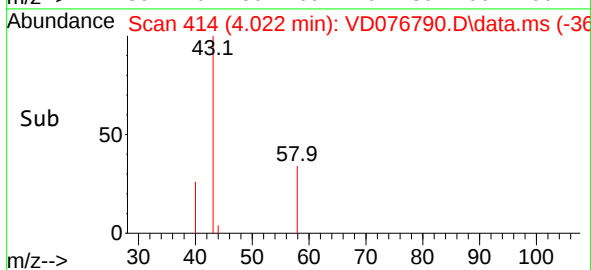
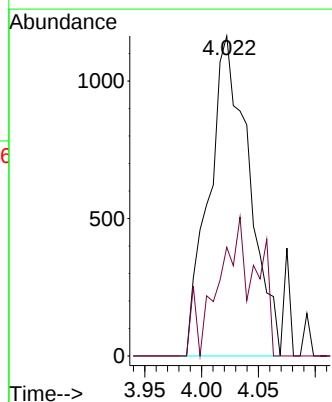
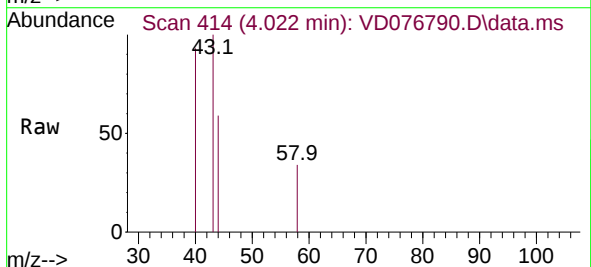
Instrument :
MSVOA_D
ClientSampleId :
MARION-COMP

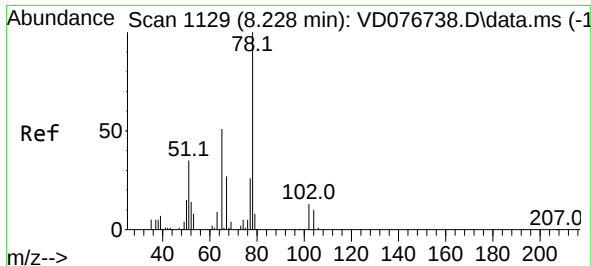
Tgt Ion:168 Resp: 48917
Ion Ratio Lower Upper
168 100
99 55.7 36.7 55.1#



#16
Acetone
Concen: 24.501 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076790.D
Acq: 19 Jul 2023 14:58

Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
58 33.9 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 87.602 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076790.D

Acq: 19 Jul 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

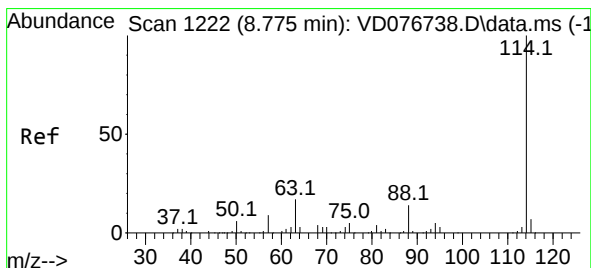
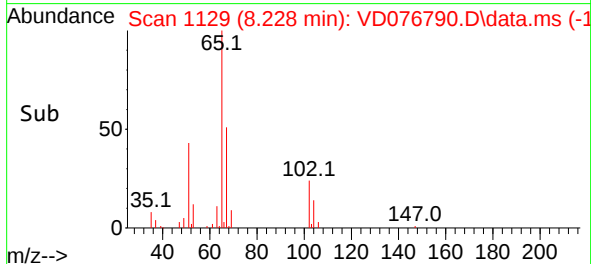
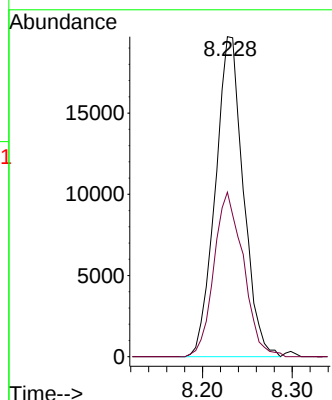
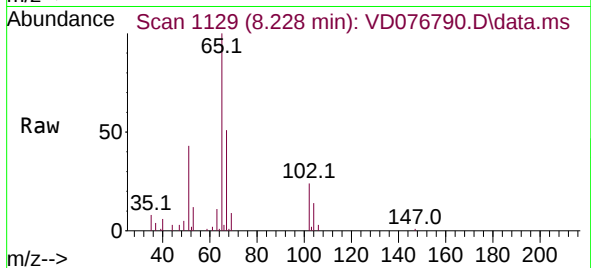
MARION-COMP

Tgt Ion: 65 Resp: 42682

Ion Ratio Lower Upper

65 100

67 54.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076790.D

Acq: 19 Jul 2023 14:58

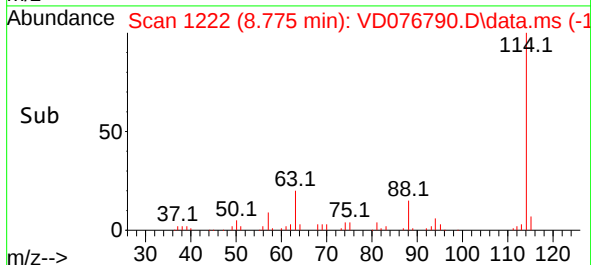
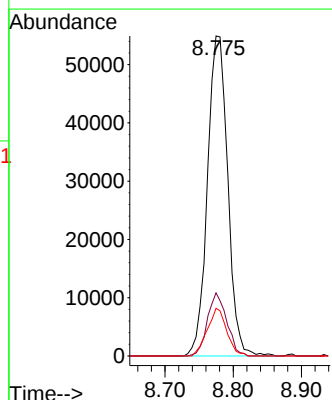
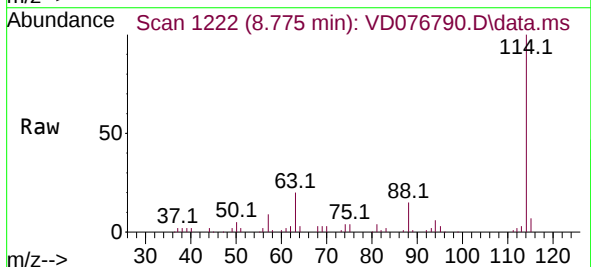
Tgt Ion: 114 Resp: 113971

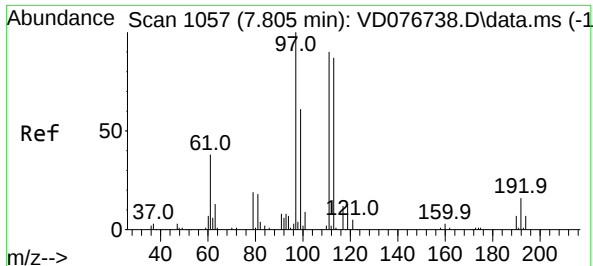
Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.4

88 14.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 60.709 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076790.D

Acq: 19 Jul 2023 14:58

Instrument :

MSVOA_D

ClientSampleId :

MARION-COMP

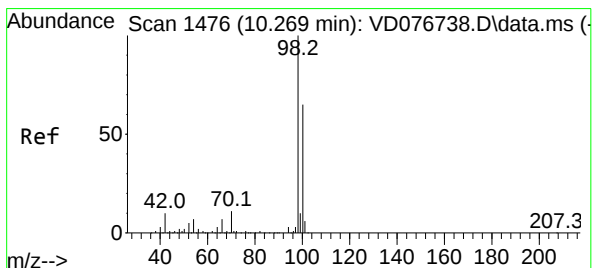
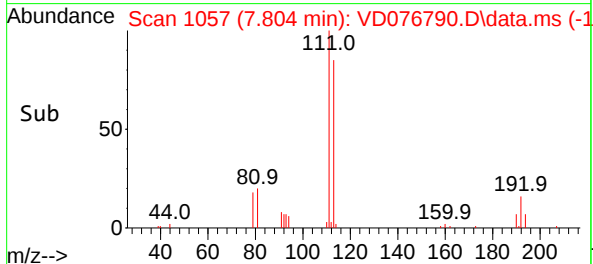
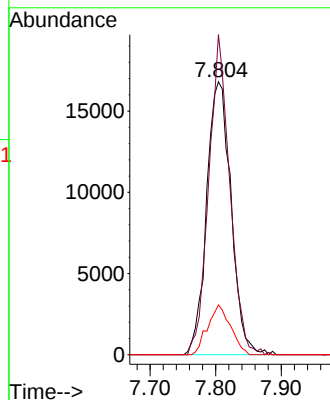
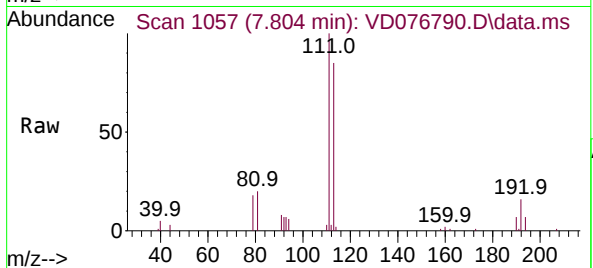
Tgt Ion:113 Resp: 43480

Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 17.1 16.8 25.2



#50

Toluene-d8

Concen: 56.400 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076790.D

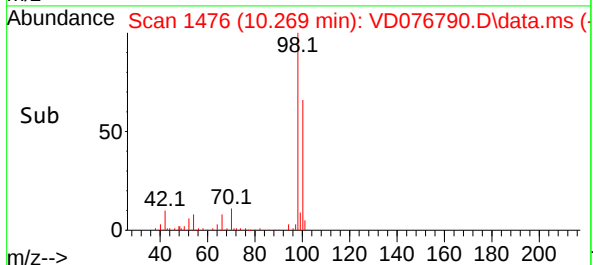
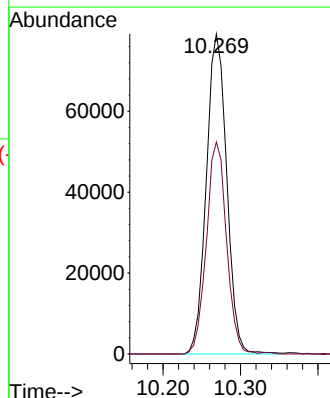
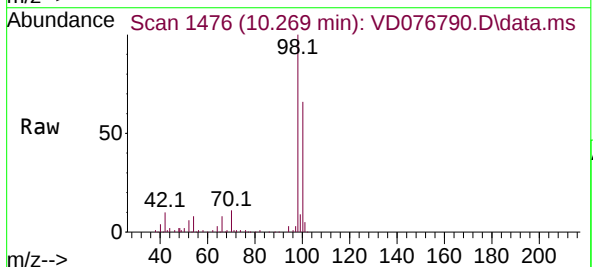
Acq: 19 Jul 2023 14:58

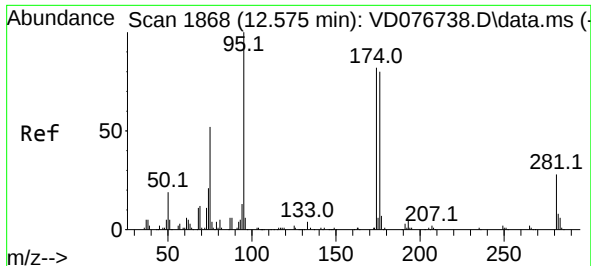
Tgt Ion: 98 Resp: 144503

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

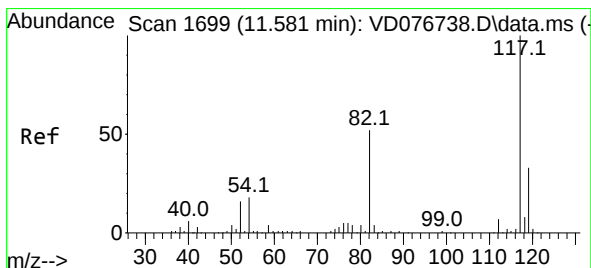
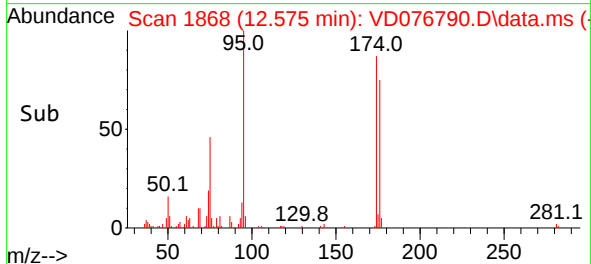
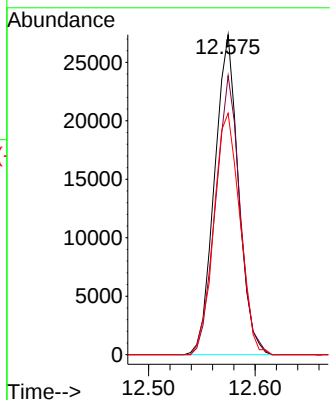
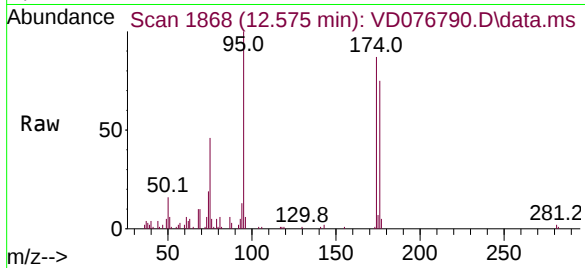




#62
4-Bromofluorobenzene
Concen: 51.447 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076790.D
Acq: 19 Jul 2023 14:58

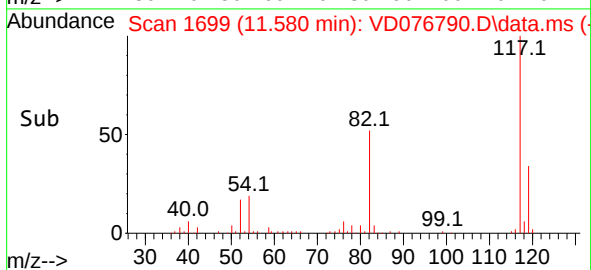
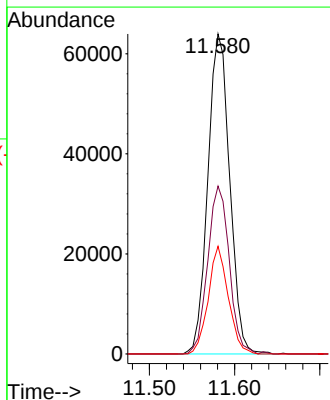
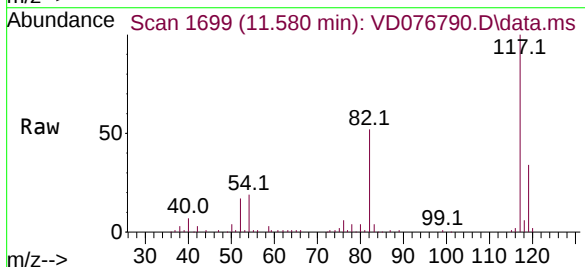
Instrument :
MSVOA_D
ClientSampleId :
MARION-COMP

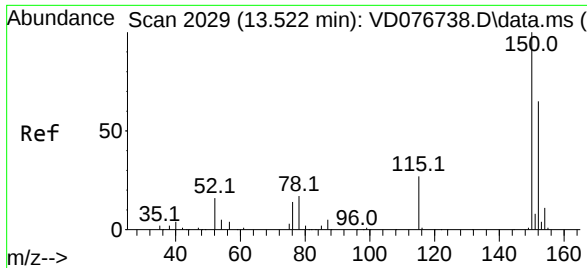
Tgt Ion: 95 Resp: 42642
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 82.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076790.D
Acq: 19 Jul 2023 14:58

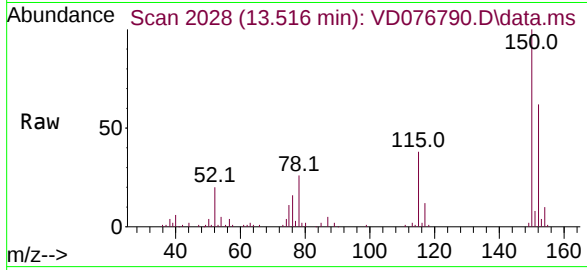
Tgt Ion: 117 Resp: 113983
Ion Ratio Lower Upper
117 100
82 52.5 38.3 57.5
119 33.7 25.0 37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076790.D
Acq: 19 Jul 2023 14:58

Instrument :
MSVOA_D
ClientSampleId :
MARION-COMP



Tgt Ion:152 Resp: 49026
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 157.9 0.0 353.6

