

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076902.D
 Acq On : 02 Aug 2023 17:09
 Operator : KP/SY
 Sample : 03860-02
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOUTH-WALL

Quant Time: Aug 03 01:25:14 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)

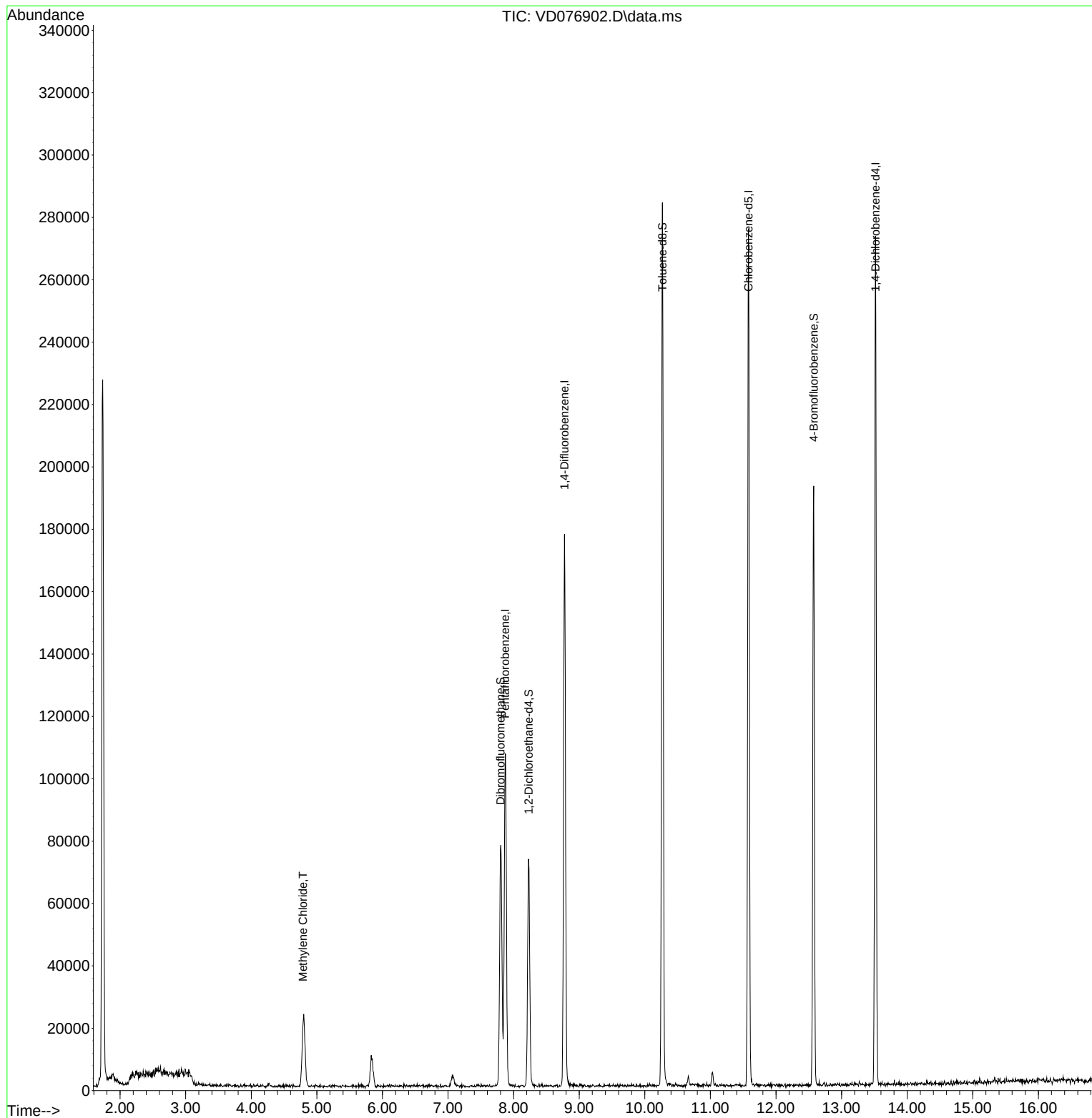
Internal Standards						
1) Pentafluorobenzene	7.869	168	85921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	166353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	72565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55930	65.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.700%
35) Dibromofluoromethane	7.799	113	59070	57.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.380%
50) Toluene-d8	10.269	98	203701	55.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.575	95	59975	50.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.340%
Target Compounds						
20) Methylene Chloride	4.787	84	18415	6.085	ug/l	93

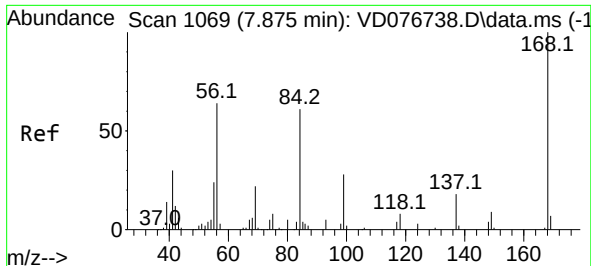
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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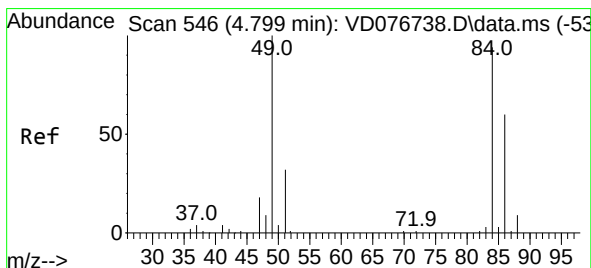
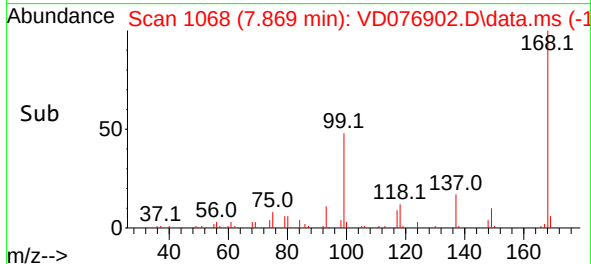
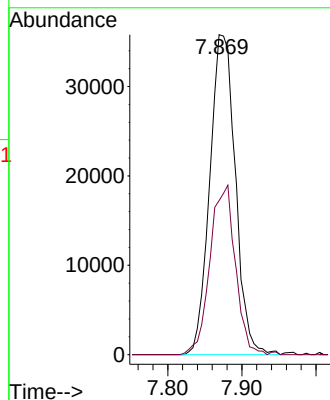
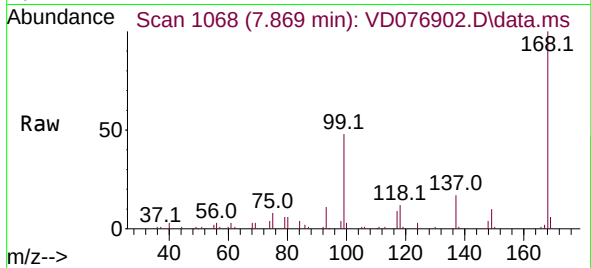




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

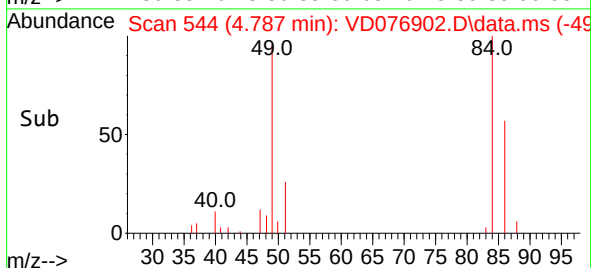
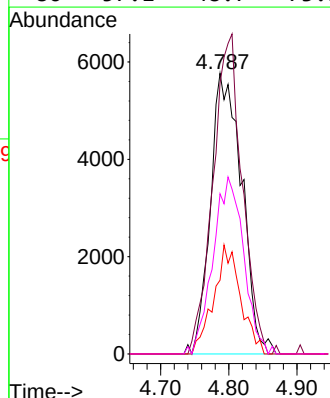
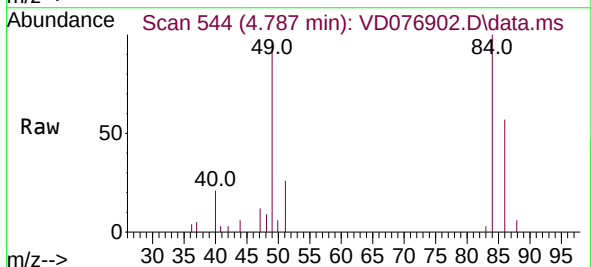
Instrument :
MSVOA_D
ClientSampleId :
SOUTH-WALL

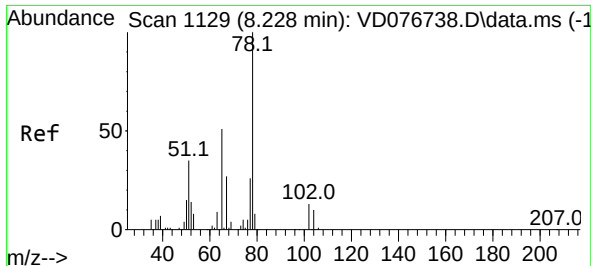
Tgt Ion:168 Resp: 85921
Ion Ratio Lower Upper
168 100
99 48.1 36.7 55.1



#20
Methylene Chloride
Concen: 6.085 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

Tgt Ion: 84 Resp: 18415
Ion Ratio Lower Upper
84 100
49 96.5 71.4 107.2
51 26.3 24.5 36.7
86 57.1 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 65.354 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076902.D

Acq: 02 Aug 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

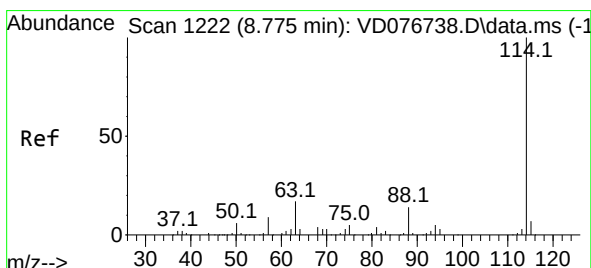
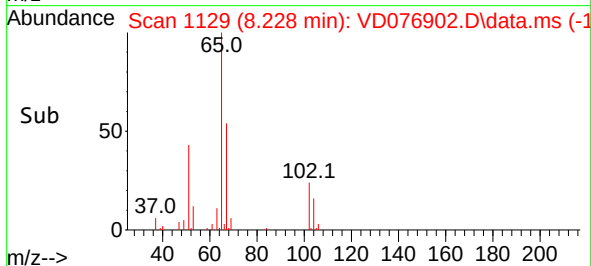
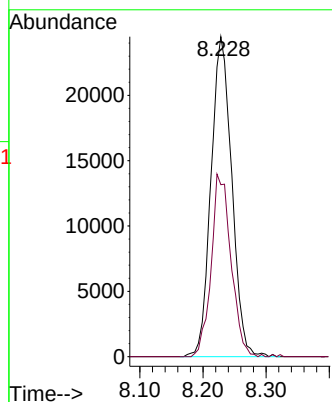
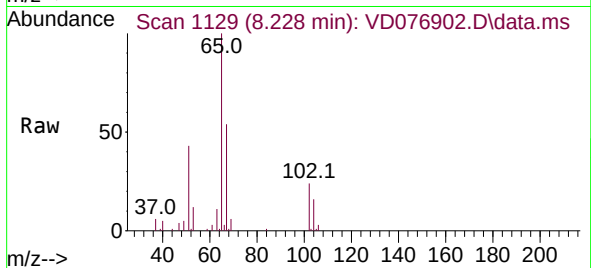
SOUTH-WALL

Tgt Ion: 65 Resp: 55930

Ion Ratio Lower Upper

65 100

67 54.3 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: VD076902.D

Acq: 02 Aug 2023 17:09

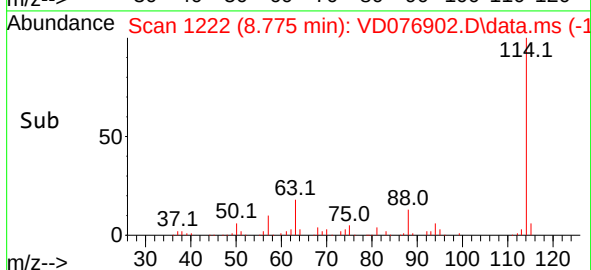
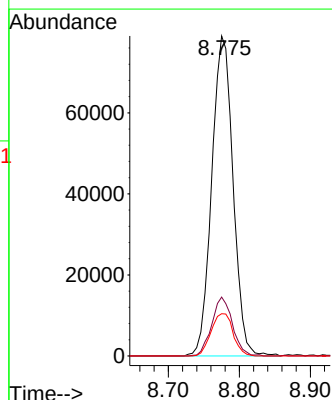
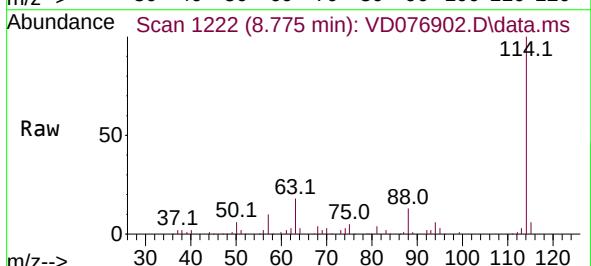
Tgt Ion: 114 Resp: 164367

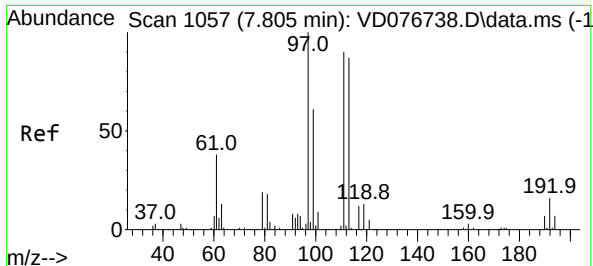
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 57.189 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076902.D

Acq: 02 Aug 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

SOUTH-WALL

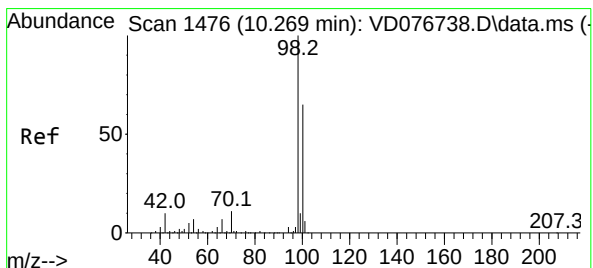
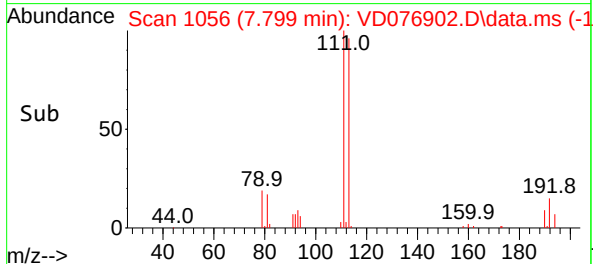
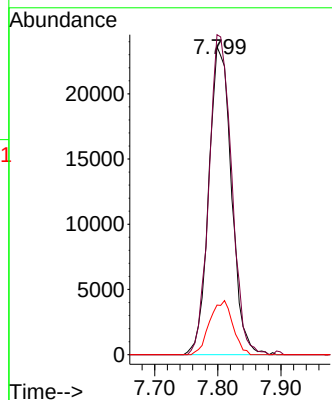
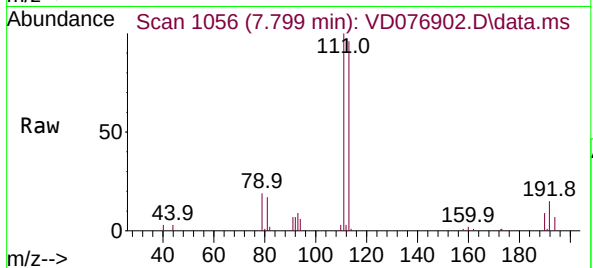
Tgt Ion:113 Resp: 59070

Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

192 17.9 16.8 25.2



#50

Toluene-d8

Concen: 55.128 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076902.D

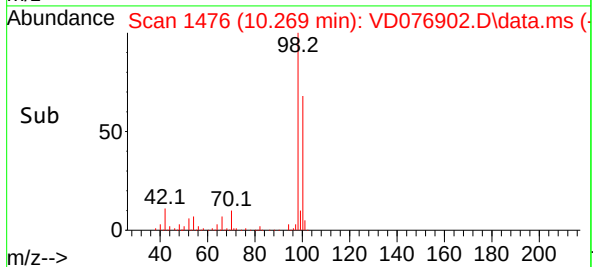
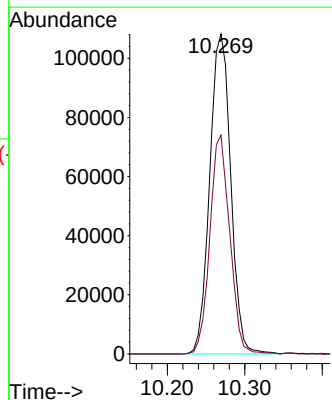
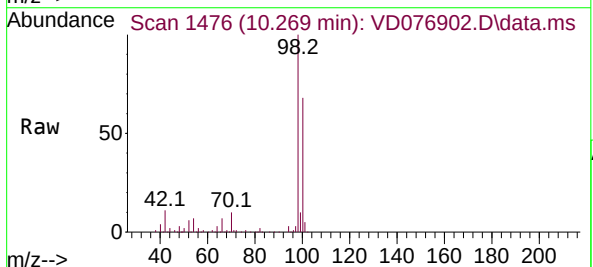
Acq: 02 Aug 2023 17:09

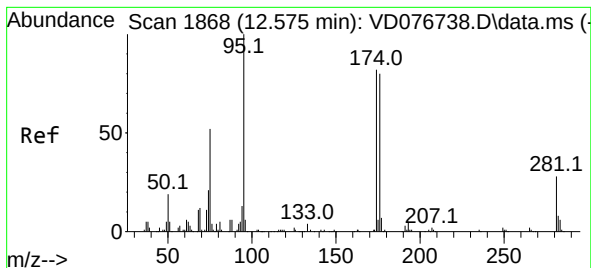
Tgt Ion: 98 Resp: 203701

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

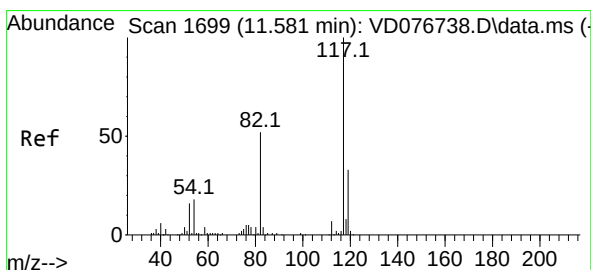
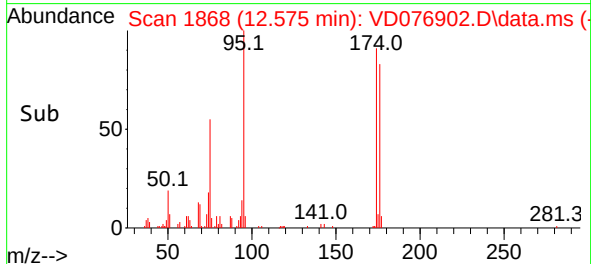
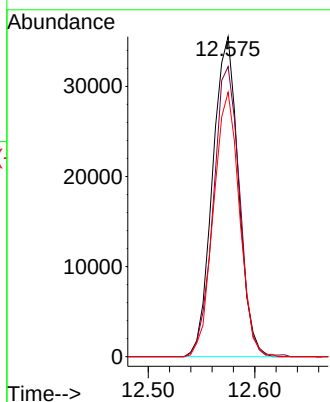
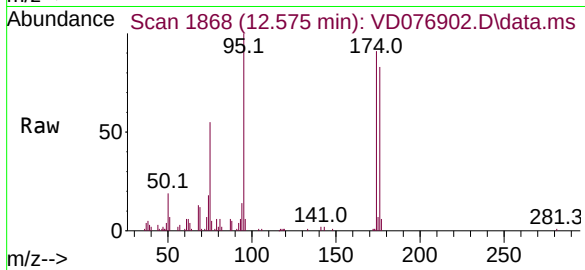




#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

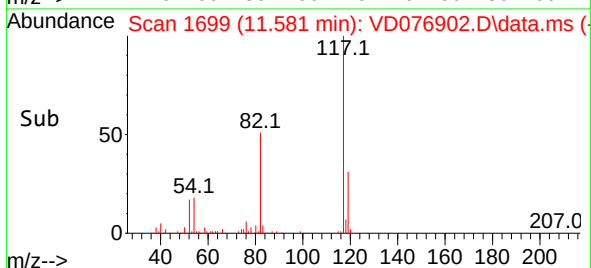
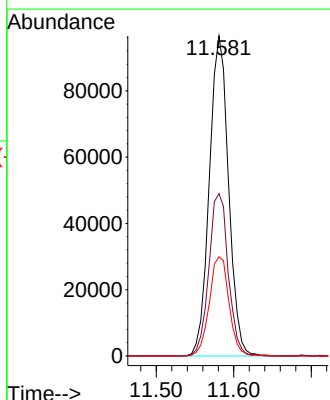
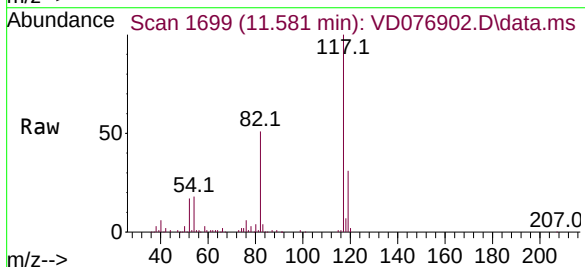
Instrument :
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ClientSampleId :
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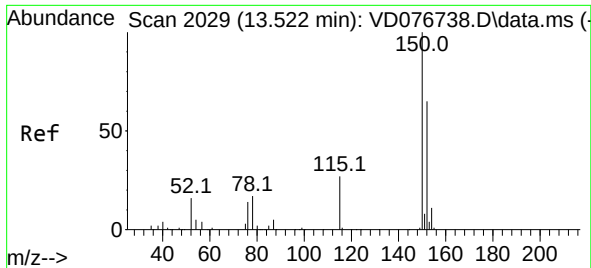
Tgt Ion: 95 Resp: 59975
Ion Ratio Lower Upper
95 100
174 91.5 0.0 201.8
176 82.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

Tgt Ion: 117 Resp: 166353
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 31.0 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: VD076902.D
 Acq: 02 Aug 2023 17:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SOUTH-WALL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	27.1	81.3
150	159.0	0.0	353.6

