

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076318.D
 Acq On : 02 Jun 2023 17:33
 Operator : KP/SY
 Sample : 02986-04
 Misc : 5.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-0A

Quant Time: Jun 03 02:24:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 2023
 Response via : Initial Calibration

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

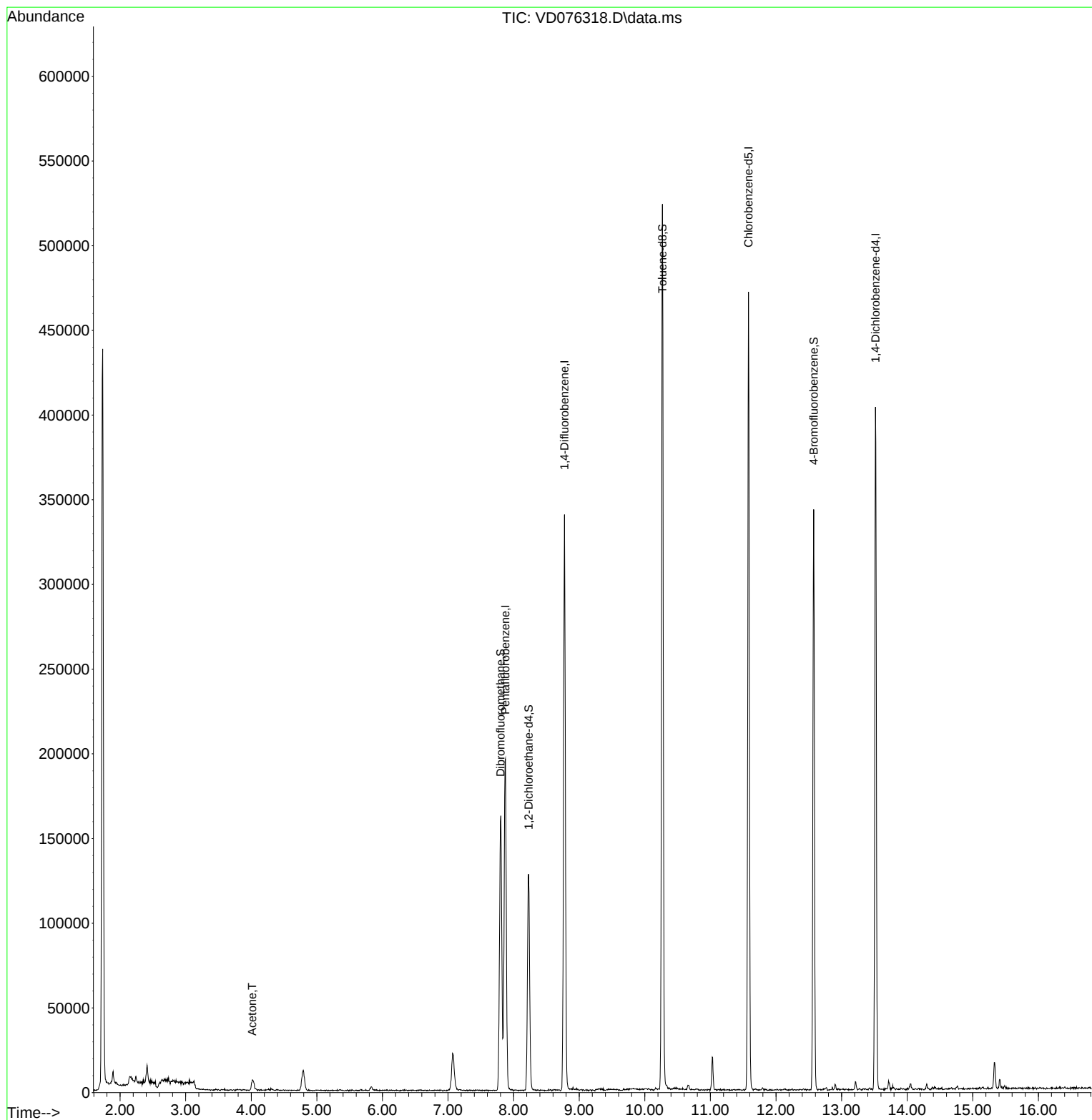
Internal Standards						
1) Pentafluorobenzene	7.875	168	166826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	314658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99361	61.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.220%
35) Dibromofluoromethane	7.799	113	123347	59.384	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.760%
50) Toluene-d8	10.269	98	385721	48.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.575	95	102545	45.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.820%
Target Compounds					Qvalue	
16) Acetone	4.017	43	11227	27.278	ug/l #	78

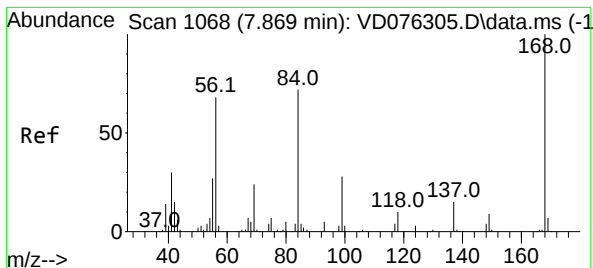
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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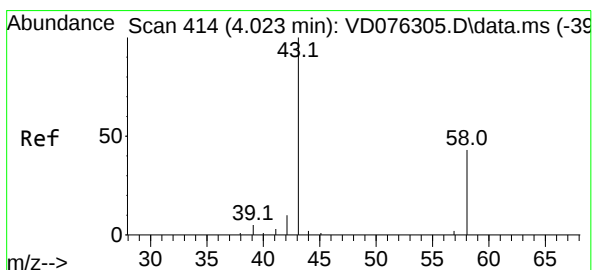
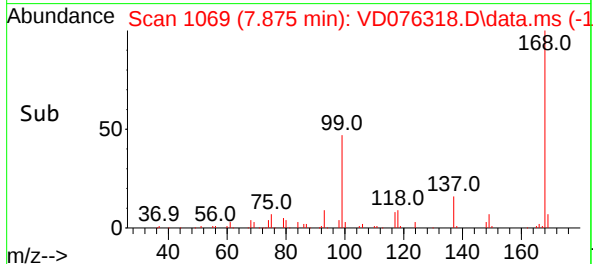
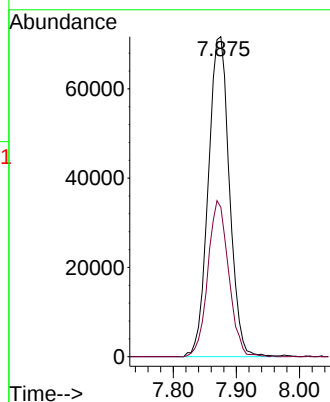
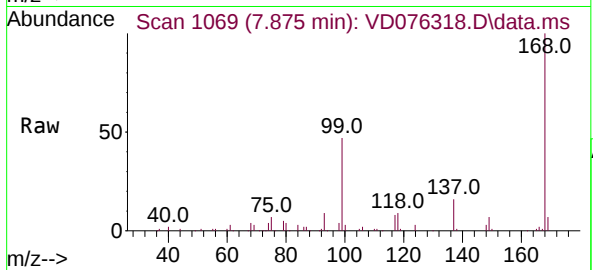




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD076318.D
Acq: 02 Jun 2023 17:33

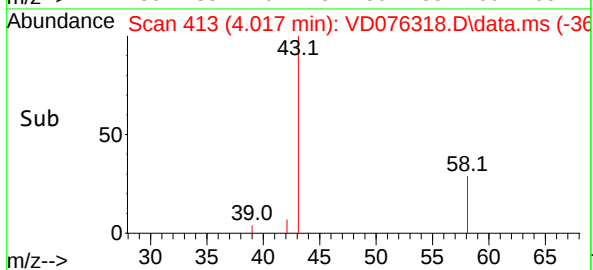
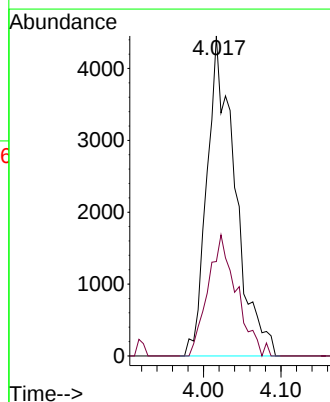
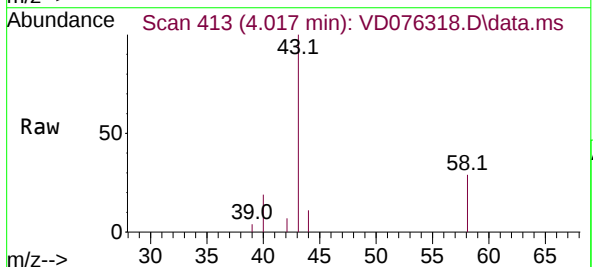
Instrument :
MSVOA_D
ClientSampleId :
TP-14-0A

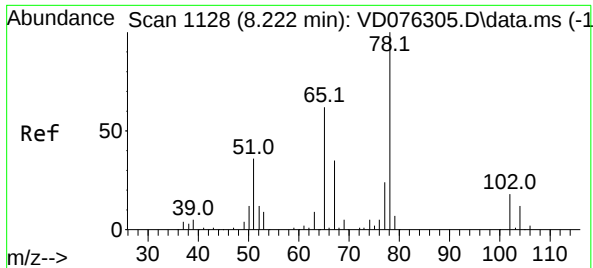
Tgt Ion:168 Resp: 166826
Ion Ratio Lower Upper
168 100
99 46.7 36.7 55.1



#16
Acetone
Concen: 27.278 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076318.D
Acq: 02 Jun 2023 17:33

Tgt Ion: 43 Resp: 11227
Ion Ratio Lower Upper
43 100
58 29.5 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 61.115 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD076318.D

Acq: 02 Jun 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

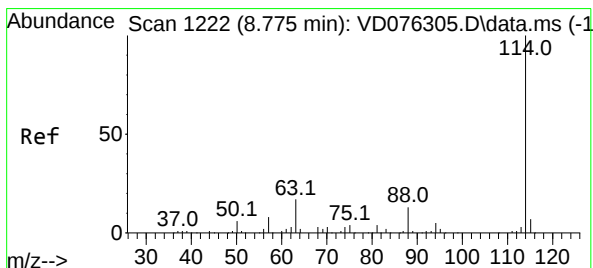
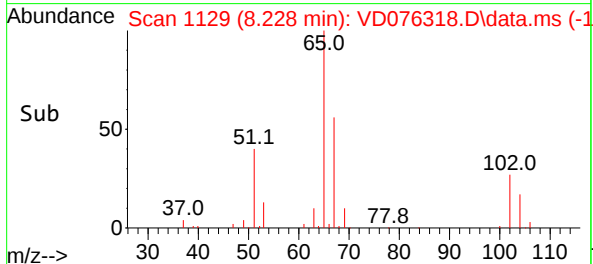
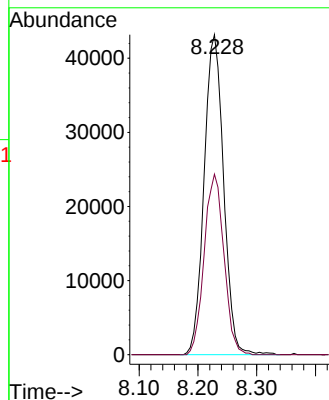
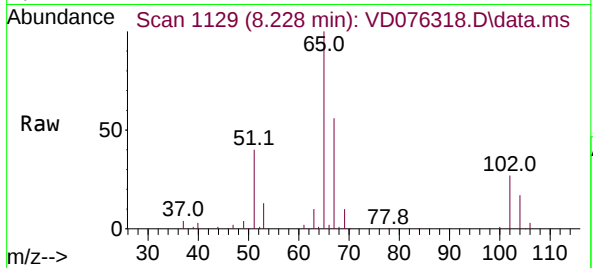
TP-14-0A

Tgt Ion: 65 Resp: 99361

Ion Ratio Lower Upper

65 100

67 57.0 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: VD076318.D

Acq: 02 Jun 2023 17:33

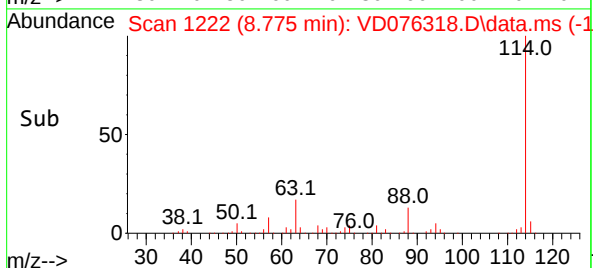
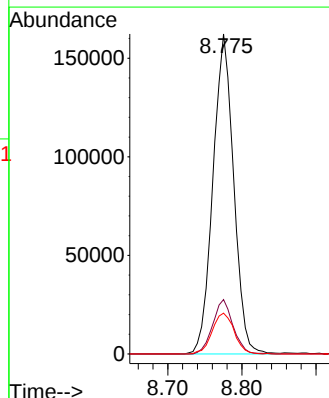
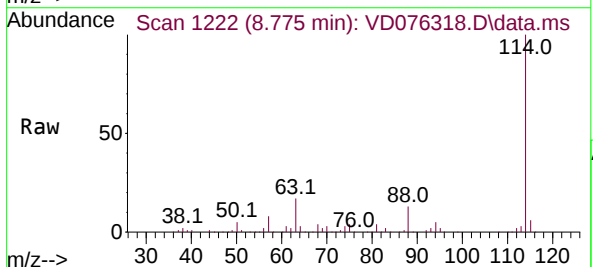
Tgt Ion: 114 Resp: 314658

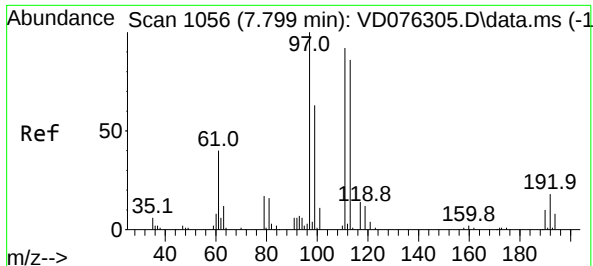
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 12.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 59.384 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD076318.D

Acq: 02 Jun 2023 17:33

Instrument :

MSVOA_D

ClientSampleId :

TP-14-0A

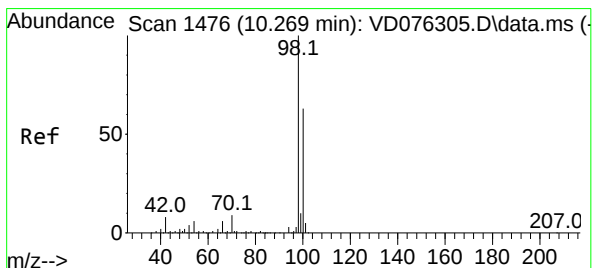
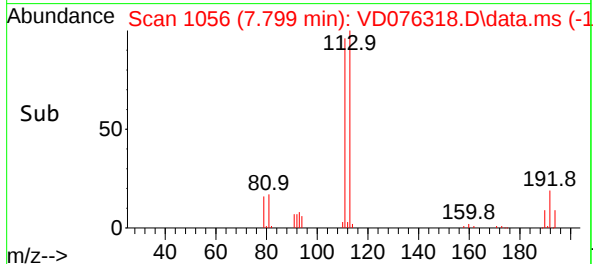
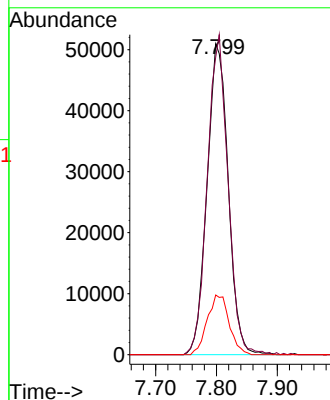
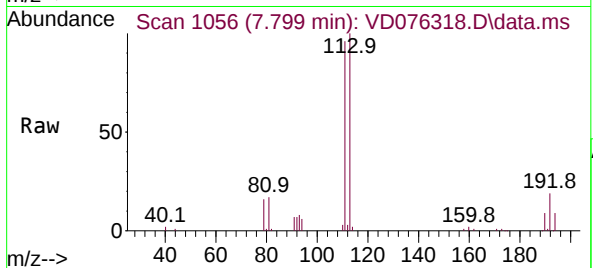
Tgt Ion:113 Resp: 123347

Ion Ratio Lower Upper

113 100

111 100.3 84.7 127.1

192 19.8 16.8 25.2



#50

Toluene-d8

Concen: 48.164 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076318.D

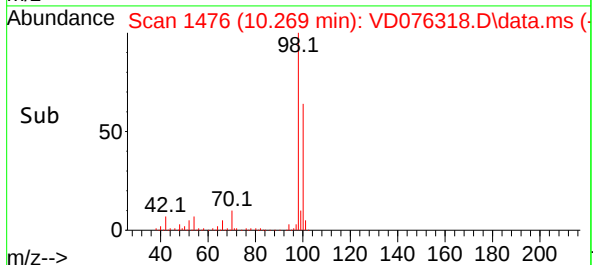
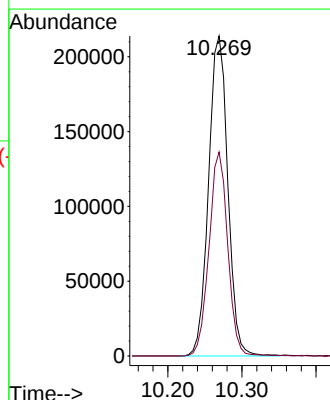
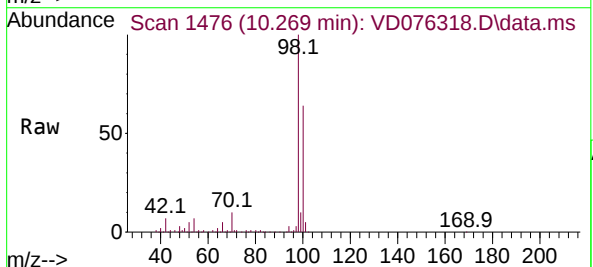
Acq: 02 Jun 2023 17:33

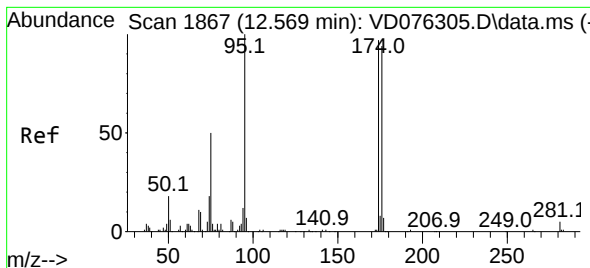
Tgt Ion: 98 Resp: 385721

Ion Ratio Lower Upper

98 100

100 62.0 50.3 75.5

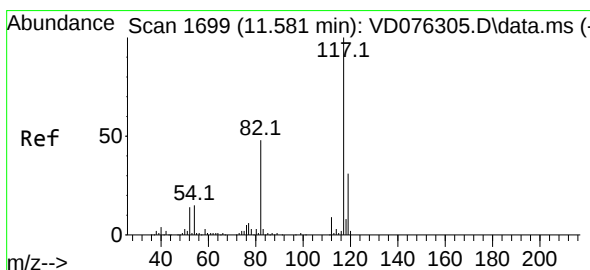
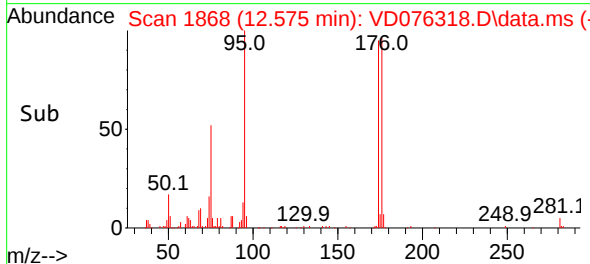
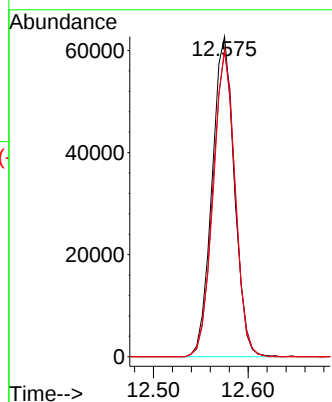
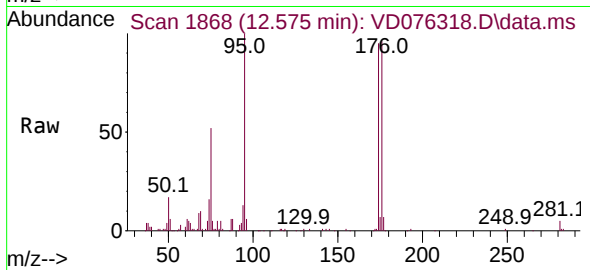




#62
4-Bromofluorobenzene
Concen: 45.908 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076318.D
Acq: 02 Jun 2023 17:33

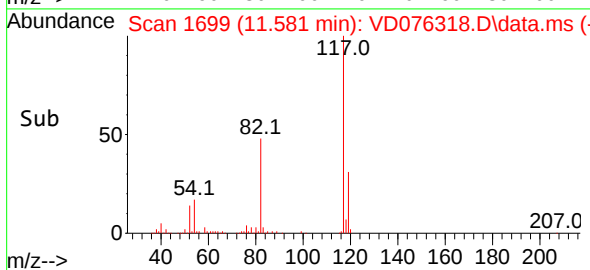
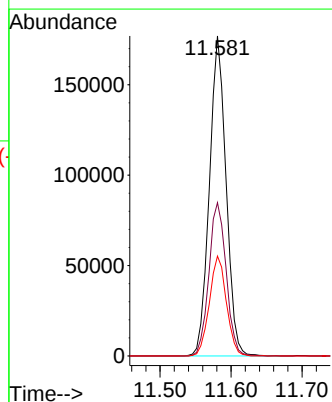
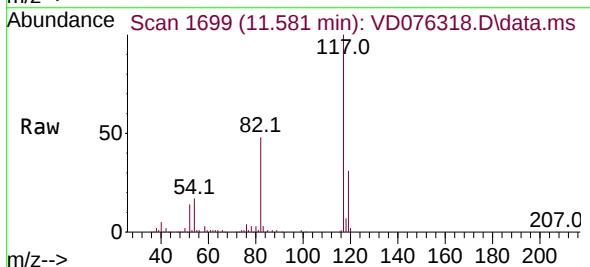
Instrument :
MSVOA_D
ClientSampleId :
TP-14-0A

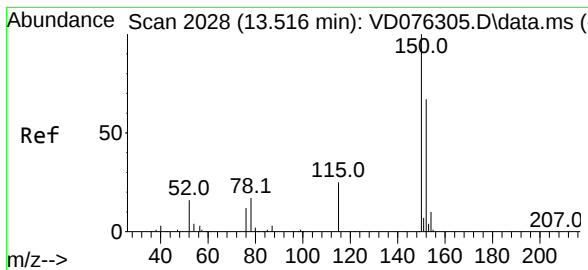
Tgt Ion: 95 Resp: 102545
Ion Ratio Lower Upper
95 100
174 95.0 0.0 201.8
176 94.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076318.D
Acq: 02 Jun 2023 17:33

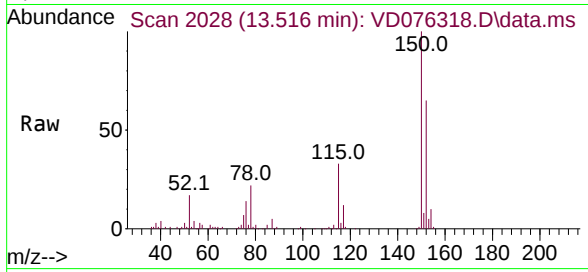
Tgt Ion: 117 Resp: 288578
Ion Ratio Lower Upper
117 100
82 47.9 38.3 57.5
119 31.2 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076318.D
 Acq: 02 Jun 2023 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-0A



Tgt Ion:	152	Resp:	118147
Ion Ratio	Lower	Upper	
152	100		
115	52.1	27.1	81.3
150	157.9	0.0	353.6

