

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071270.D
 Acq On : 11 Dec 2021 15:23
 Operator : VA/SY
 Sample : M5018-69
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP9

Quant Time: Dec 12 17:53:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

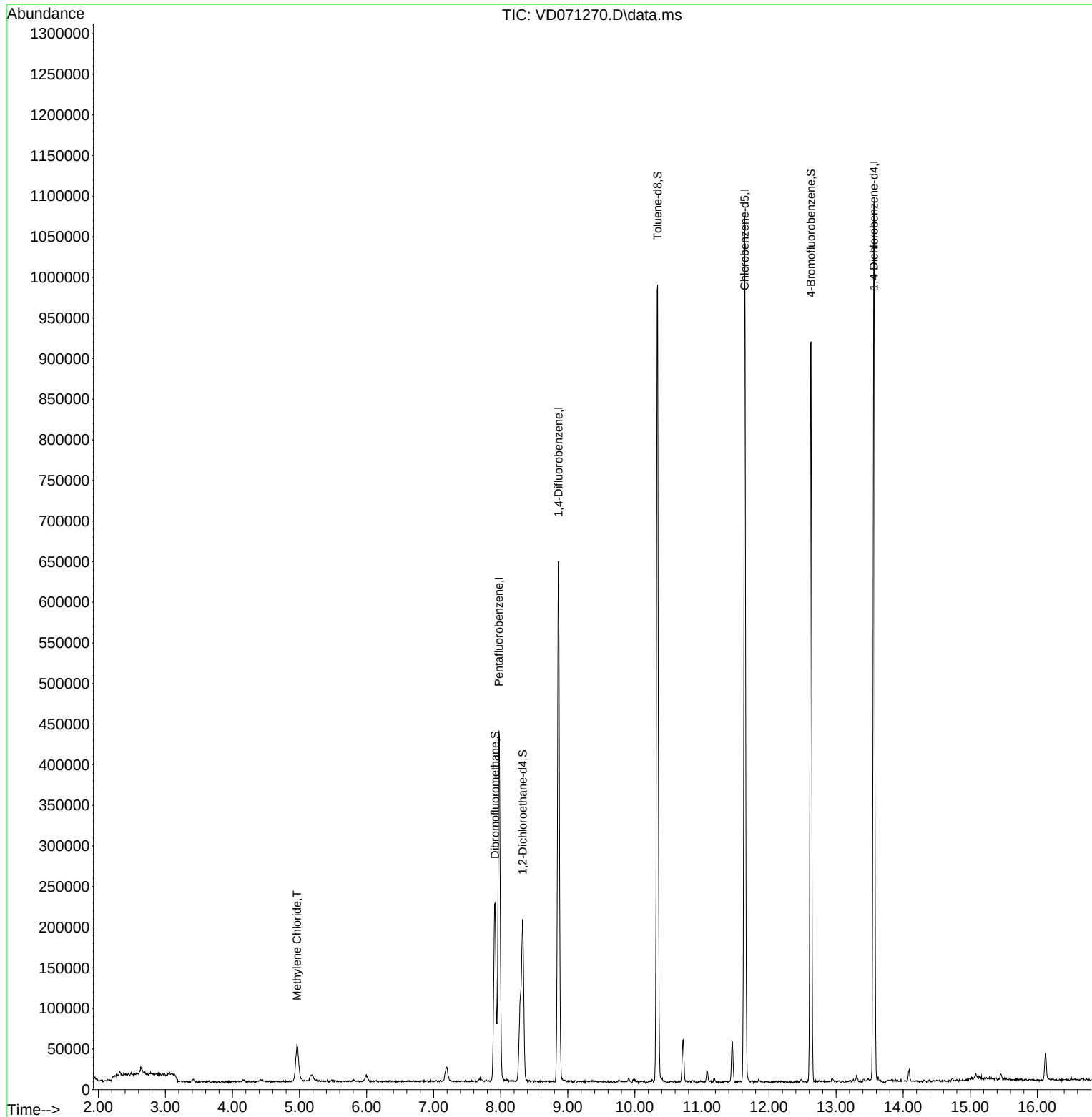
Internal Standards						
1) Pentafluorobenzene	7.973	168	296455	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	502713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	551486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	149366	42.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.880%
35) Dibromofluoromethane	7.914	113	155518	48.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.338	98	653221	53.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.240%
62) 4-Bromofluorobenzene	12.626	95	266361	63.076	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.160%
Target Compounds						
20) Methylene Chloride	4.962	84	31488	5.231	ug/l	Qvalue 91

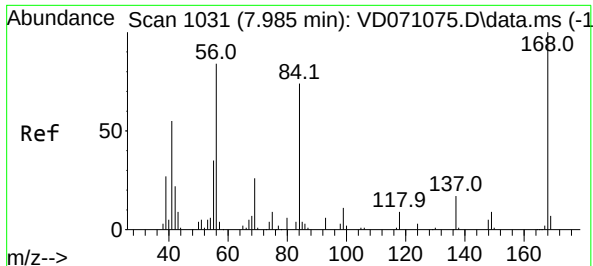
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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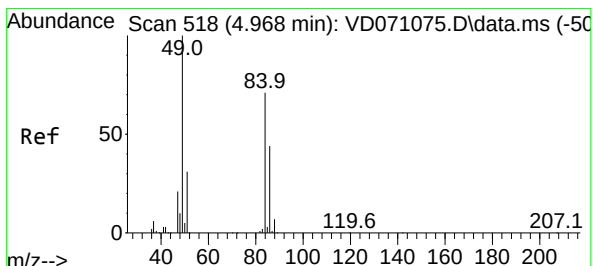
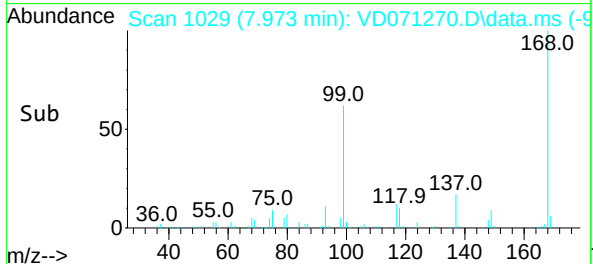
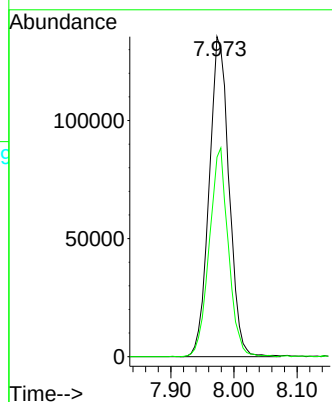
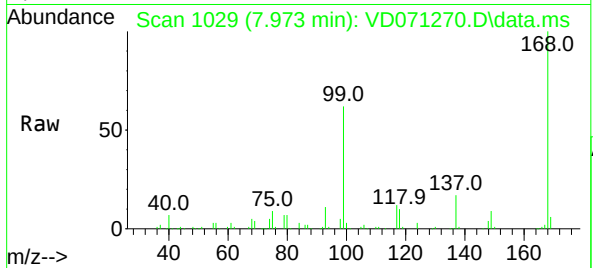




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071270.D
Acq: 11 Dec 2021 15:23

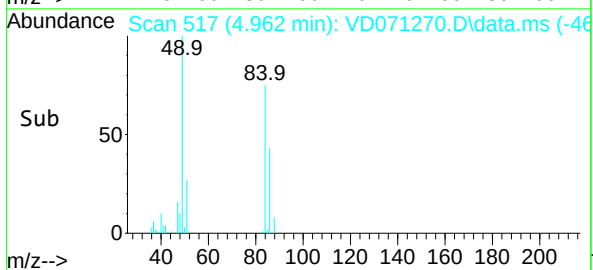
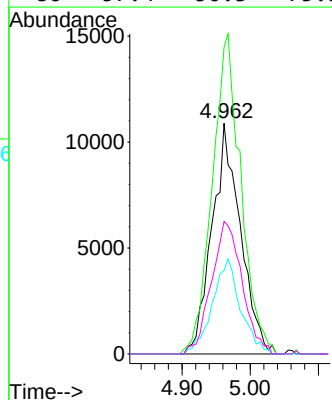
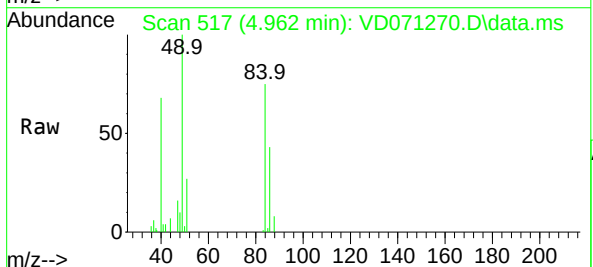
Instrument :
MSVOA_D
ClientSampleId :
TP9

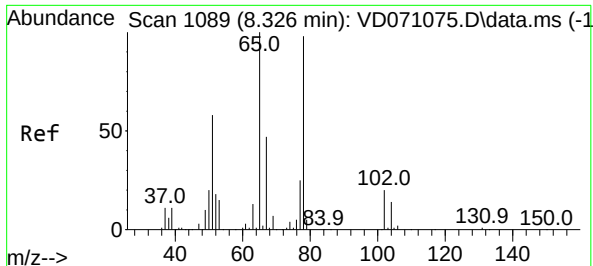
Tgt Ion:168 Resp: 296455
Ion Ratio Lower Upper
168 100
99 62.4 46.6 69.8



#20
Methylene Chloride
Concen: 5.231 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071270.D
Acq: 11 Dec 2021 15:23

Tgt Ion: 84 Resp: 31488
Ion Ratio Lower Upper
84 100
49 132.9 95.8 143.6
51 36.3 30.9 46.3
86 57.4 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 42.939 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD071270.D

Acq: 11 Dec 2021 15:23

Instrument :

MSVOA_D

ClientSampleId :

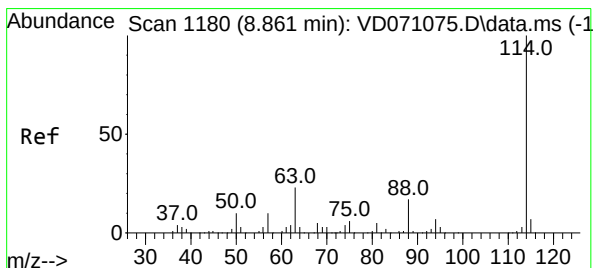
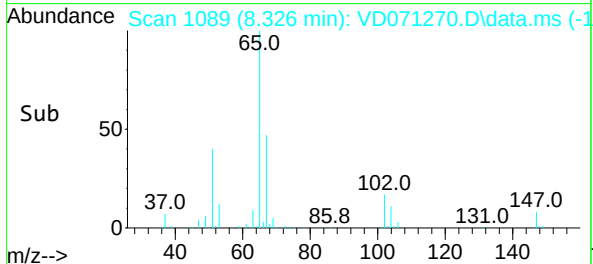
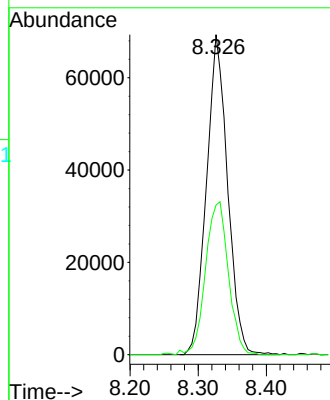
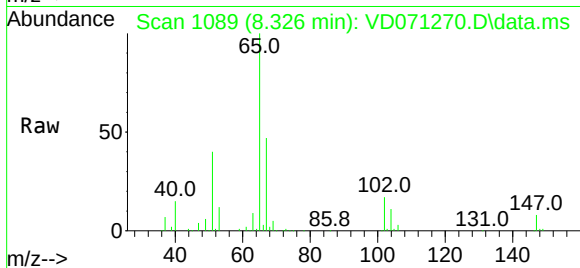
TP9

Tgt Ion: 65 Resp: 149366

Ion Ratio Lower Upper

65 100

67 51.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071270.D

Acq: 11 Dec 2021 15:23

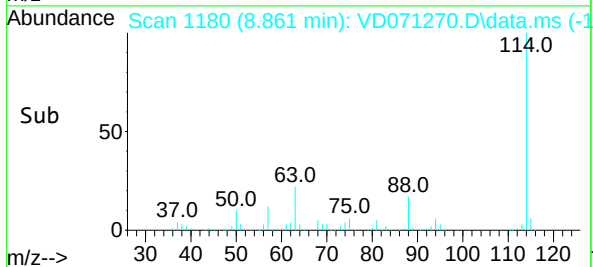
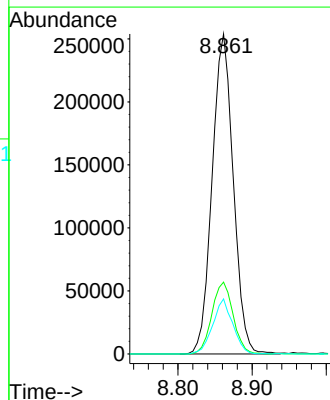
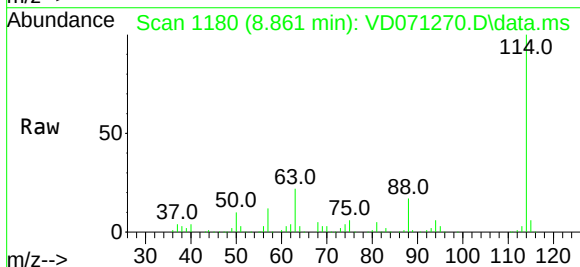
Tgt Ion: 114 Resp: 502713

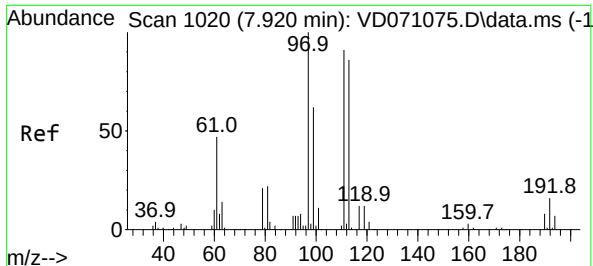
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.581 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071270.D

Acq: 11 Dec 2021 15:23

Instrument :

MSVOA_D

ClientSampleId :

TP9

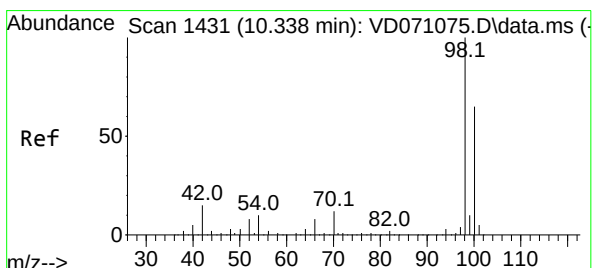
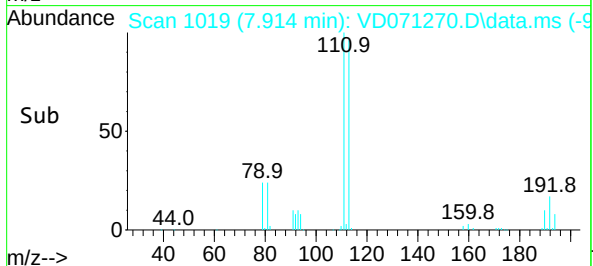
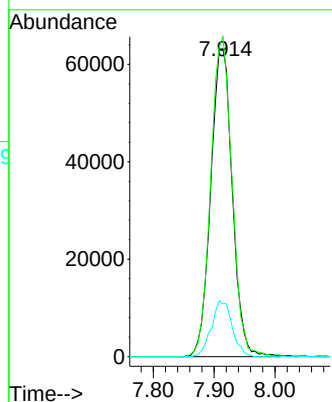
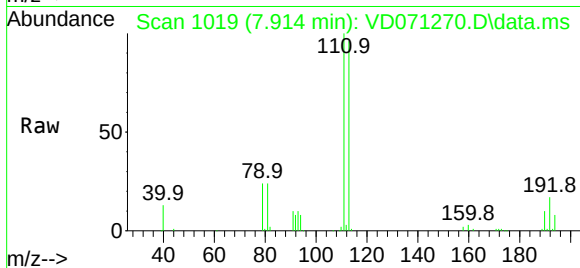
Tgt Ion:113 Resp: 155518

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 17.5 15.2 22.8



#50

Toluene-d8

Concen: 53.620 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071270.D

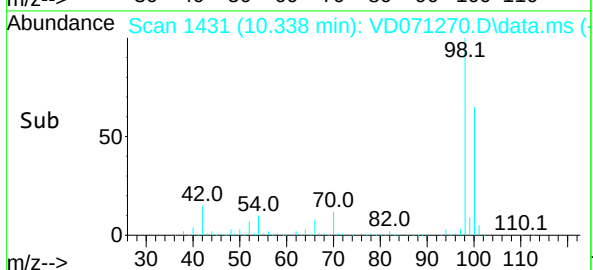
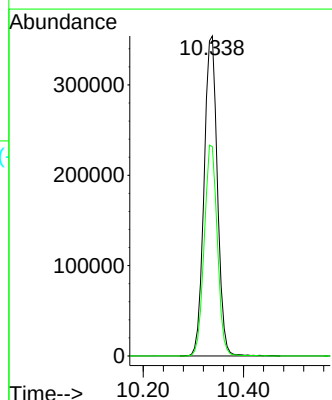
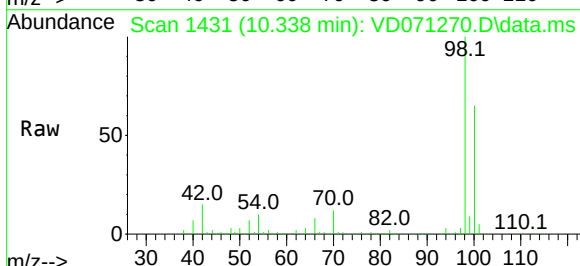
Acq: 11 Dec 2021 15:23

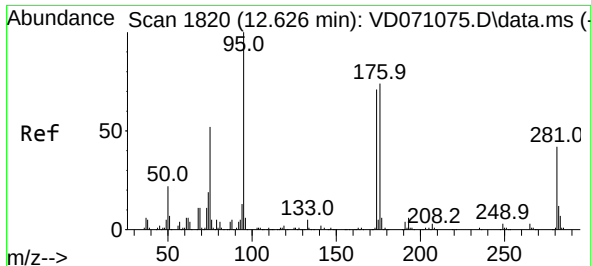
Tgt Ion: 98 Resp: 653221

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

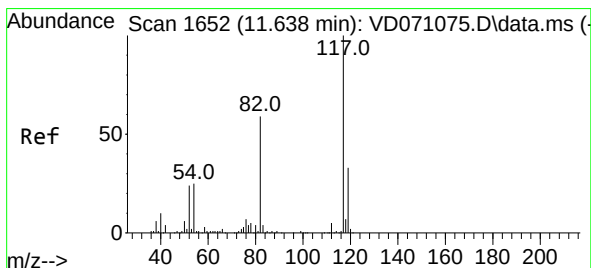
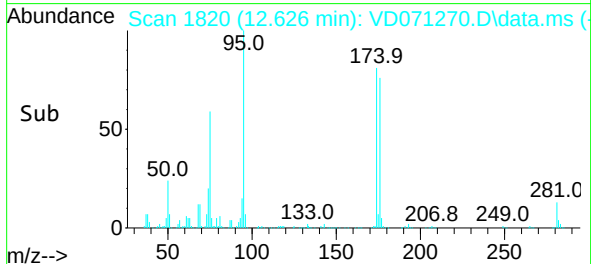
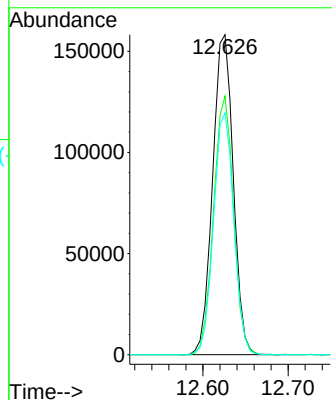
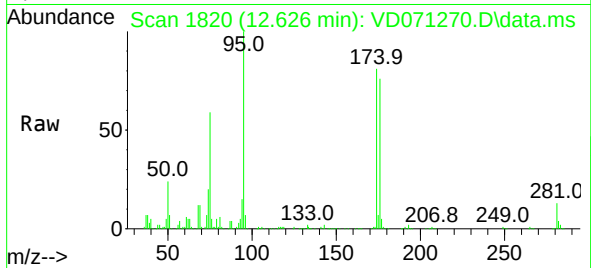




#62
4-Bromofluorobenzene
Concen: 63.076 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071270.D
Acq: 11 Dec 2021 15:23

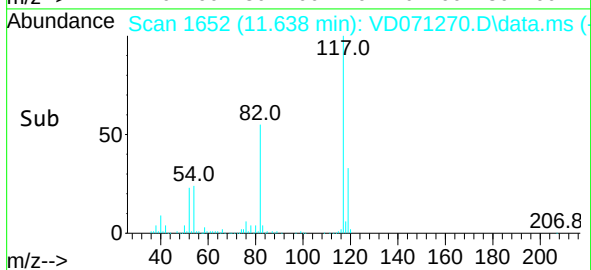
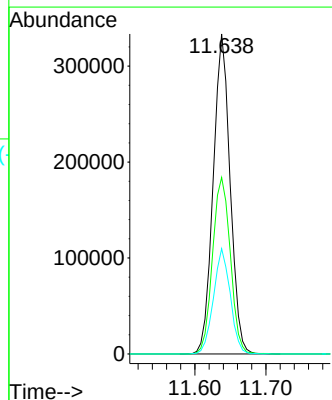
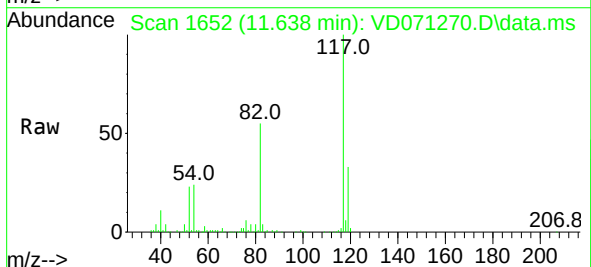
Instrument :
MSVOA_D
ClientSampleId :
TP9

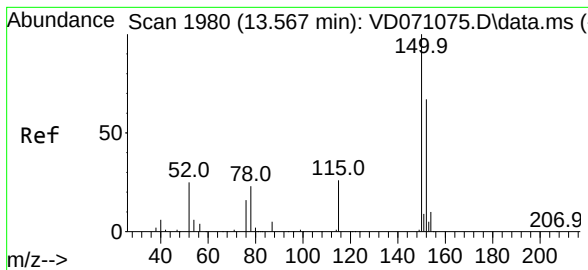
Tgt Ion: 95 Resp: 266361
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 74.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071270.D
Acq: 11 Dec 2021 15:23

Tgt Ion: 117 Resp: 551486
Ion Ratio Lower Upper
117 100
82 55.2 44.7 67.1
119 32.9 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD071270.D
 Acq: 11 Dec 2021 15:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TP9

Tgt Ion:152 Resp: 266955
 Ion Ratio Lower Upper
 152 100
 115 61.3 29.8 89.3
 150 159.6 0.0 349.2

