

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011123\
 Data File : VD075120.D
 Acq On : 11 Jan 2023 14:03
 Operator : KP/SY
 Sample : 01069-01
 Misc : 4.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Jan 12 04:28:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

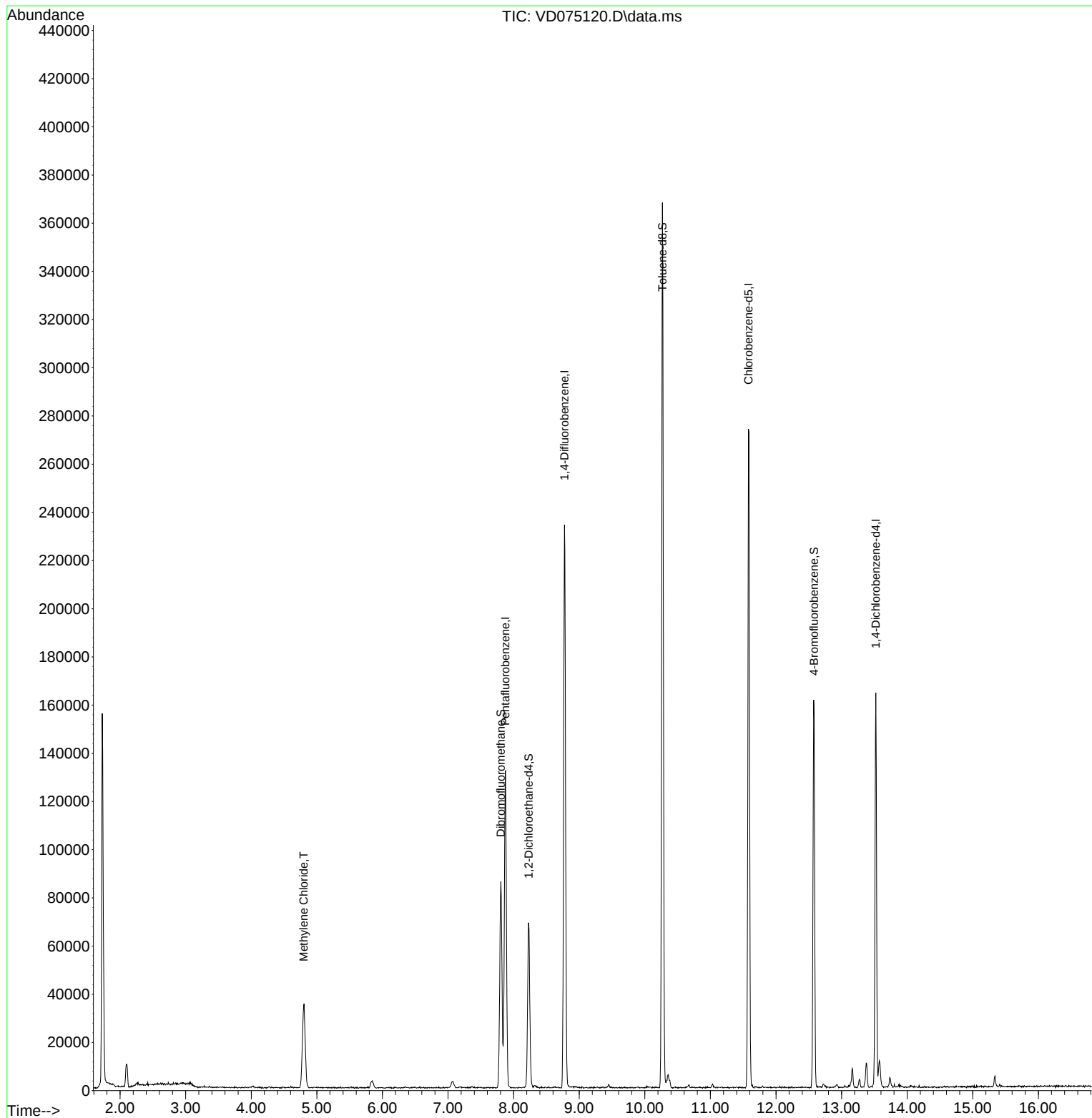
Internal Standards						
1) Pentafluorobenzene	7.875	168	93996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52837	56.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.140%
35) Dibromofluoromethane	7.805	113	62329	48.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.340%
50) Toluene-d8	10.269	98	250825	48.886	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.581	95	57230	34.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.500%
Target Compounds						
20) Methylene Chloride	4.799	84	25560	14.556	ug/l	Qvalue 95

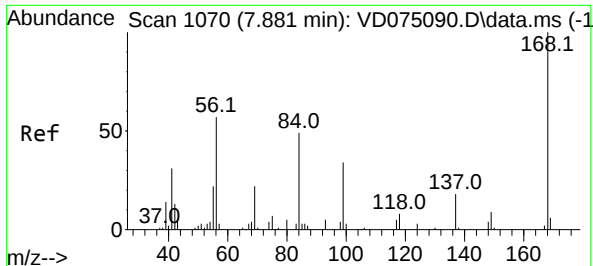
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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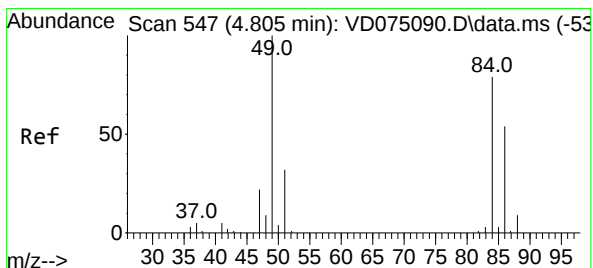
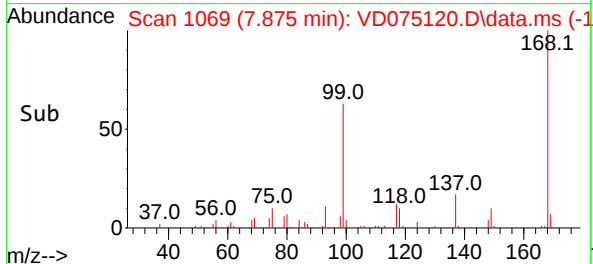
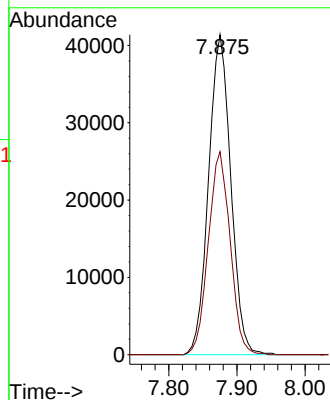
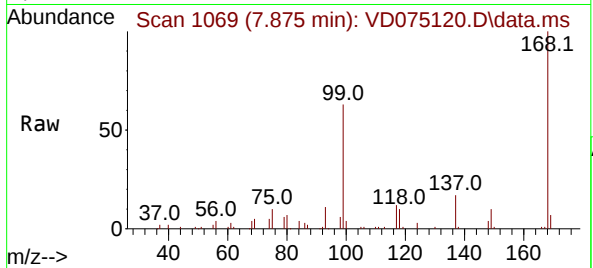




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

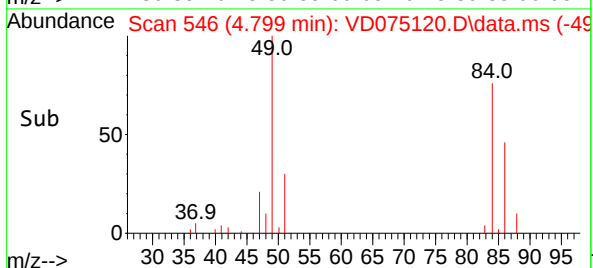
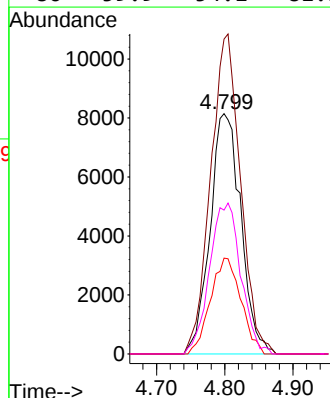
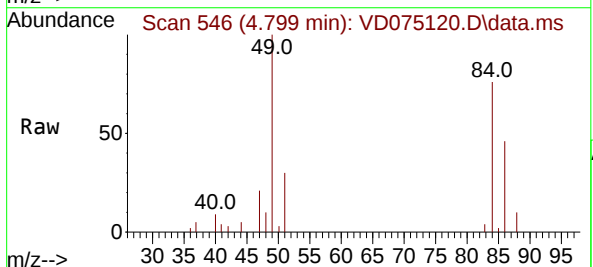
Instrument :
MSVOA_D
ClientSampleId :
TP-7

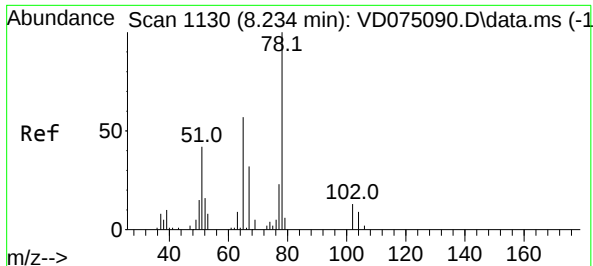
Tgt Ion:168 Resp: 93996
Ion Ratio Lower Upper
168 100
99 63.5 43.2 64.8



#20
Methylene Chloride
Concen: 14.556 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion: 84 Resp: 25560
Ion Ratio Lower Upper
84 100
49 131.0 100.6 151.0
51 39.9 31.8 47.8
86 59.9 54.1 81.1





#33

1,2-Dichloroethane-d4

Concen: 56.069 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075120.D

Acq: 11 Jan 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

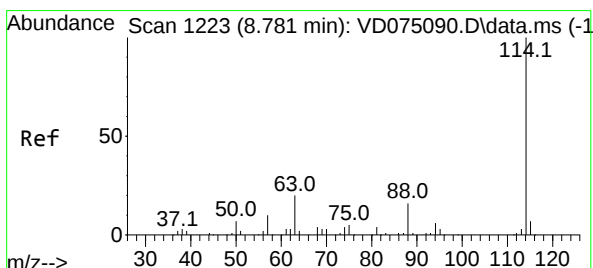
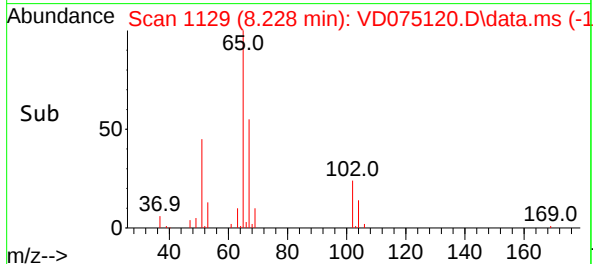
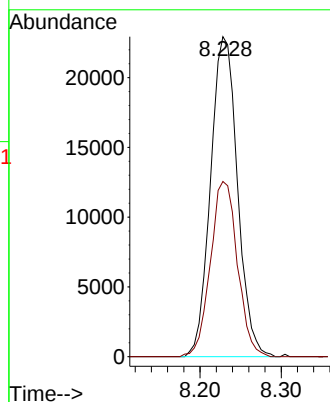
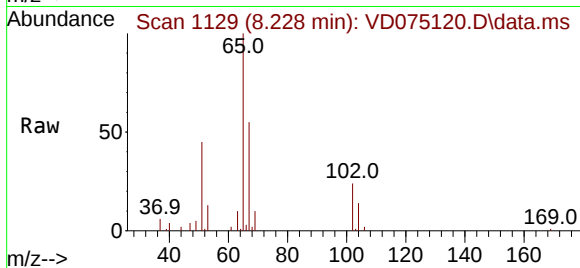
TP-7

Tgt Ion: 65 Resp: 52837

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075120.D

Acq: 11 Jan 2023 14:03

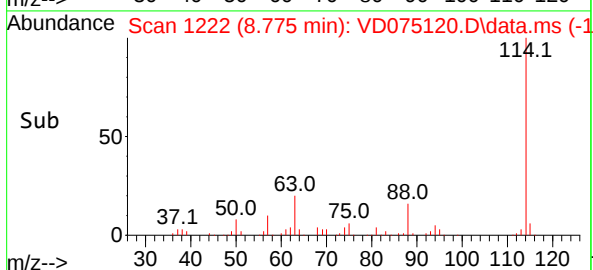
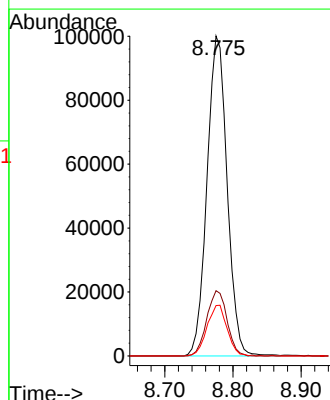
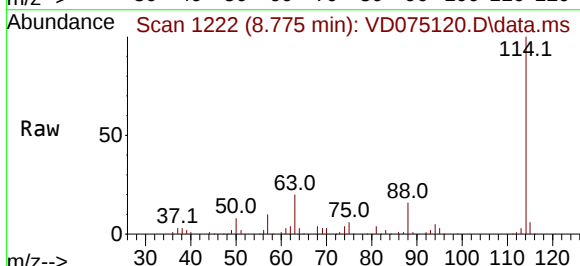
Tgt Ion: 114 Resp: 205719

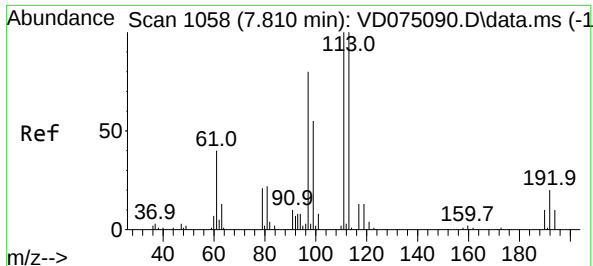
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 15.8 0.0 31.2

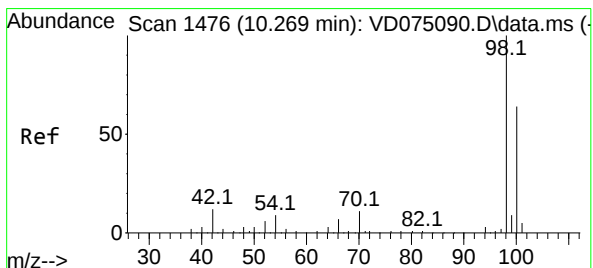
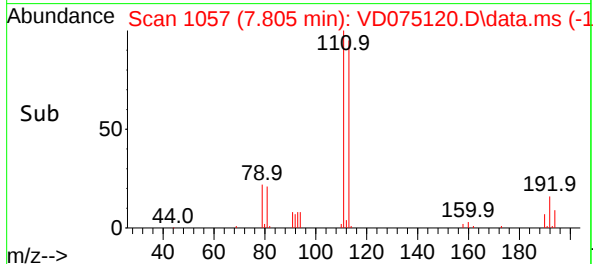
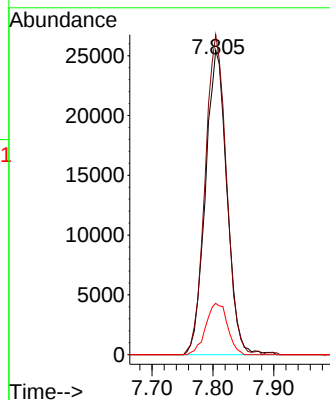
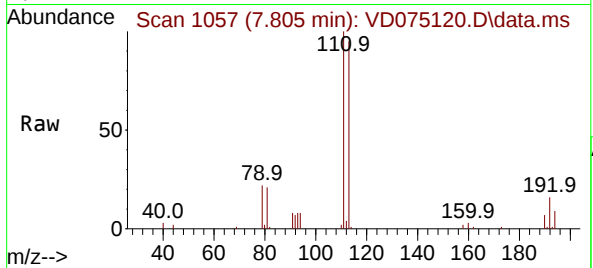




#35
Dibromofluoromethane
Concen: 48.167 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

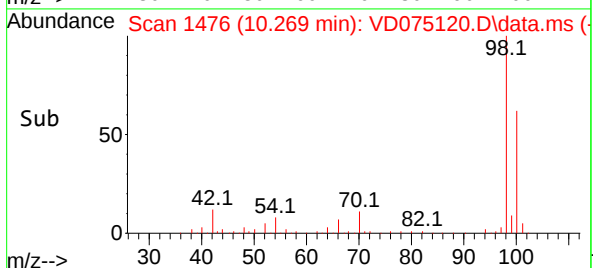
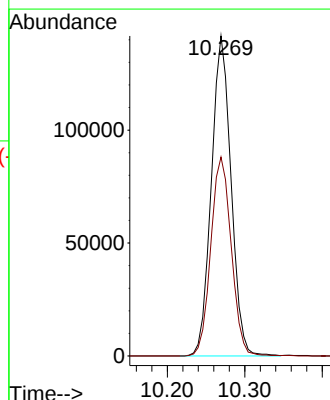
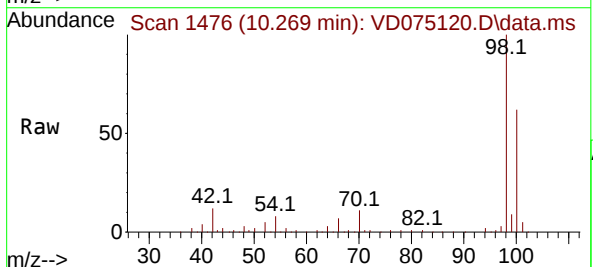
Instrument :
MSVOA_D
ClientSampleId :
TP-7

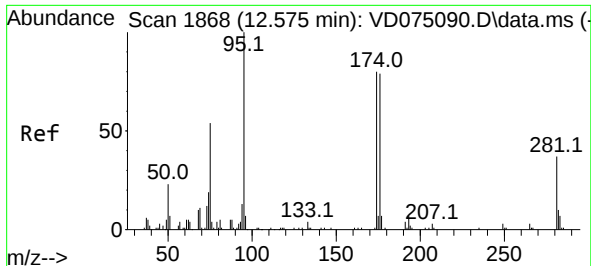
Tgt Ion:113 Resp: 62329
Ion Ratio Lower Upper
113 100
111 104.6 83.2 124.8
192 17.0 15.0 22.6



#50
Toluene-d8
Concen: 48.886 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion: 98 Resp: 250825
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6

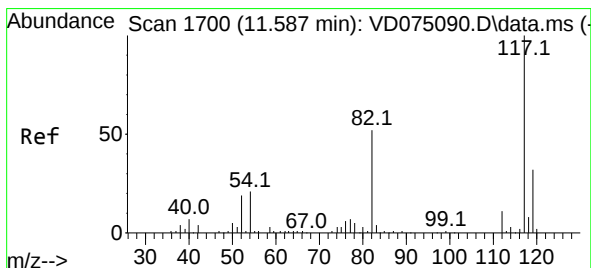
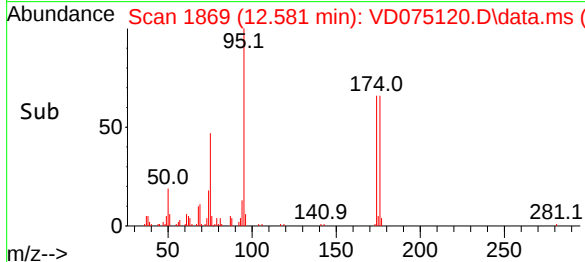
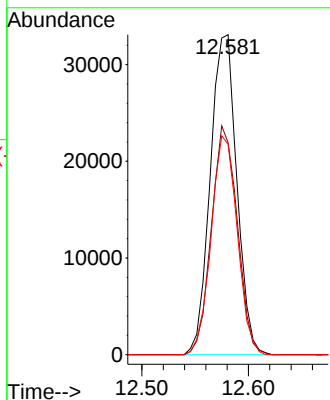
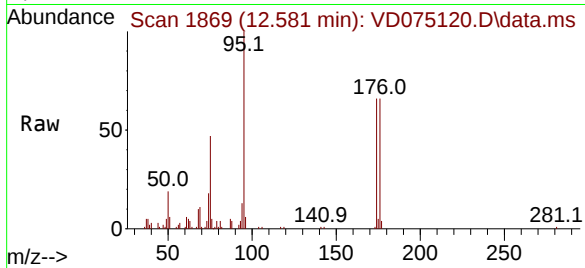




#62
4-Bromofluorobenzene
Concen: 34.750 ug/l
RT: 12.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

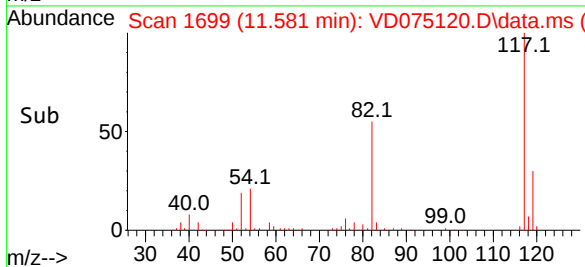
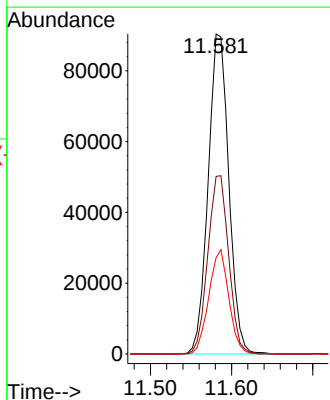
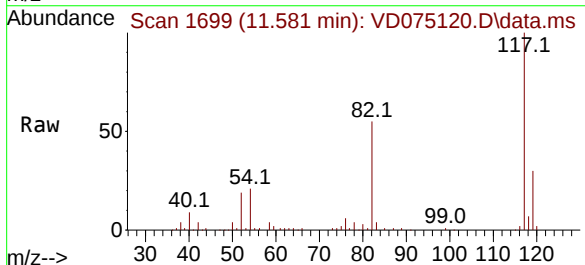
Instrument :
MSVOA_D
ClientSampleId :
TP-7

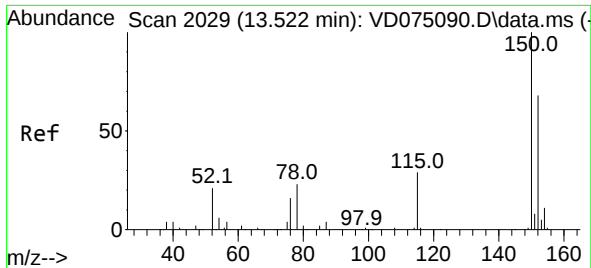
Tgt Ion: 95 Resp: 57230
Ion Ratio Lower Upper
95 100
174 69.9 0.0 168.4
176 67.3 0.0 163.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075120.D
Acq: 11 Jan 2023 14:03

Tgt Ion: 117 Resp: 159604
Ion Ratio Lower Upper
117 100
82 55.5 41.3 61.9
119 30.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD075120.D

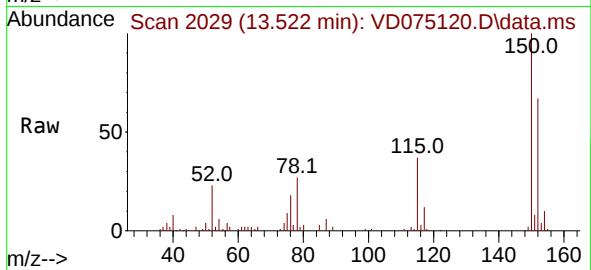
Acq: 11 Jan 2023 14:03

Instrument :

MSVOA_D

ClientSampleId :

TP-7



Tgt Ion:152 Resp: 40865

Ion Ratio Lower Upper

152 100

115 61.9 28.7 86.1

150 157.9 0.0 343.2

