

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075701.D
 Acq On : 17 Apr 2023 15:10
 Operator : KP/SY
 Sample : 02341-01RE
 Misc : 6.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-1RE

Quant Time: Apr 18 01:18:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

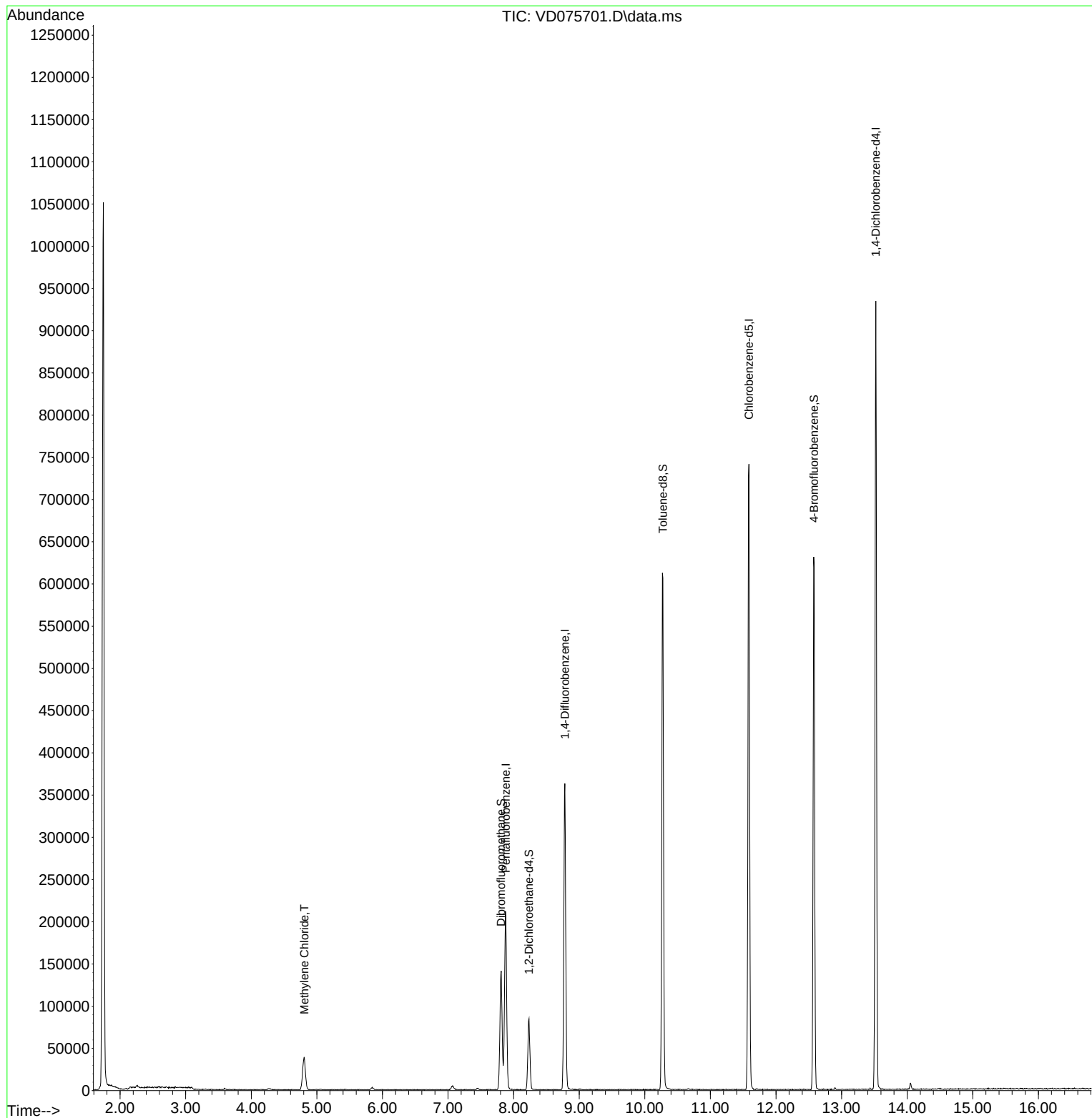
Internal Standards						
1) Pentafluorobenzene	7.881	168	172368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	349423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	472605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	262133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63447	38.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.560%
35) Dibromofluoromethane	7.811	113	104920	44.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.280%
50) Toluene-d8	10.275	98	465322	49.441	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.581	95	201588	80.584	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	161.160%#
Target Compounds						
20) Methylene Chloride	4.811	84	34602	11.359	ug/l	Qvalue # 73

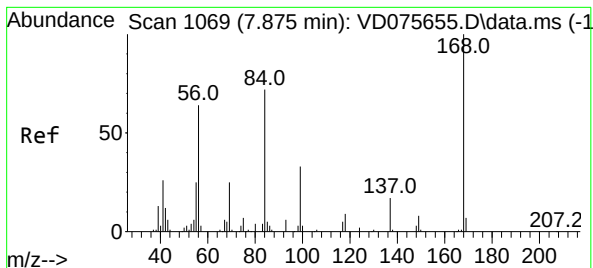
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
Data File : VD075701.D
Acq On : 17 Apr 2023 15:10
Operator : KP/SY
Sample : 02341-01RE
Misc : 6.41G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

Quant Time: Apr 18 01:18:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

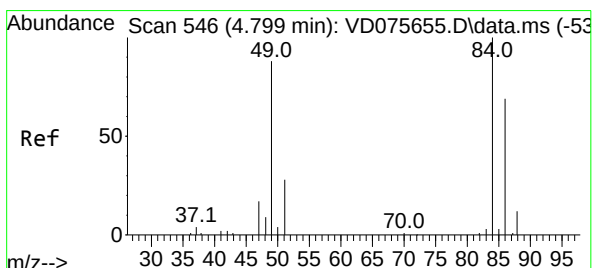
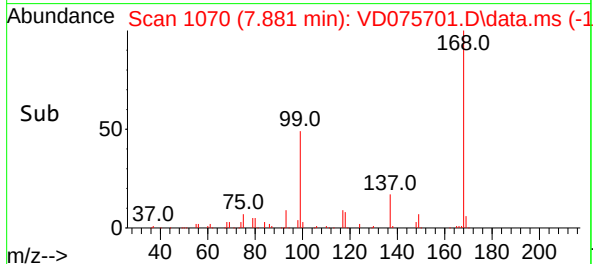
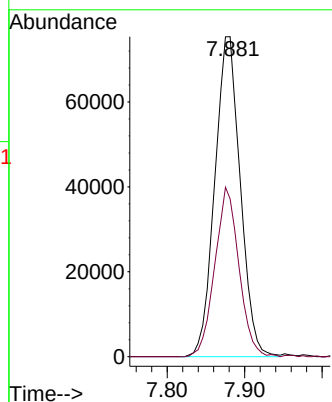
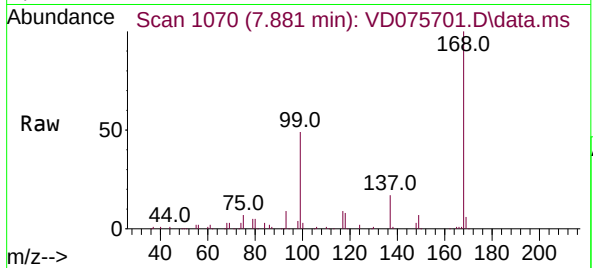




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

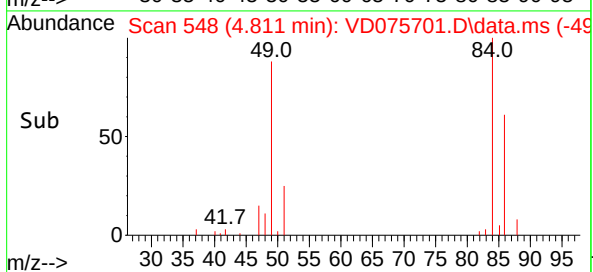
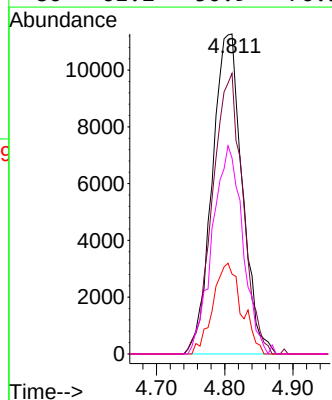
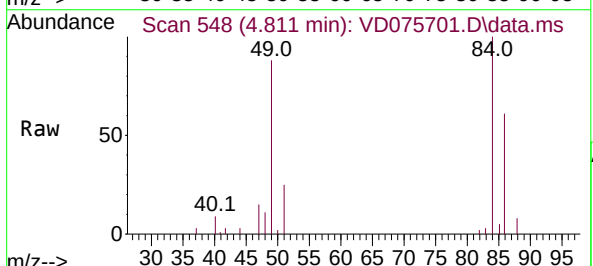
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

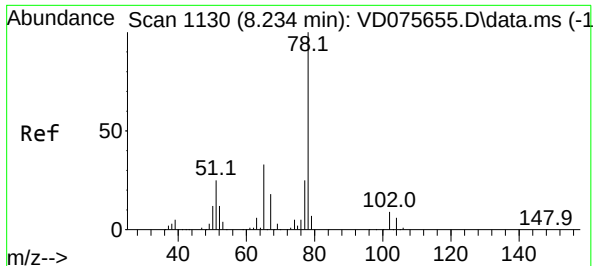
Tgt Ion:168 Resp: 172368
Ion Ratio Lower Upper
168 100
99 49.3 43.8 65.6



#20
Methylene Chloride
Concen: 11.359 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.012 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

Tgt Ion: 84 Resp: 34602
Ion Ratio Lower Upper
84 100
49 87.7 106.4 159.6#
51 24.9 32.4 48.6#
86 61.2 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 38.779 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075701.D

Acq: 17 Apr 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

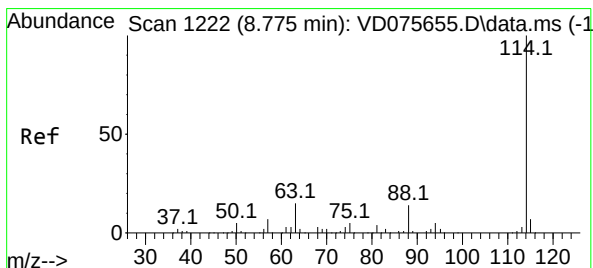
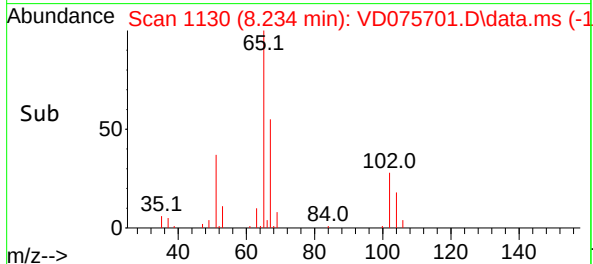
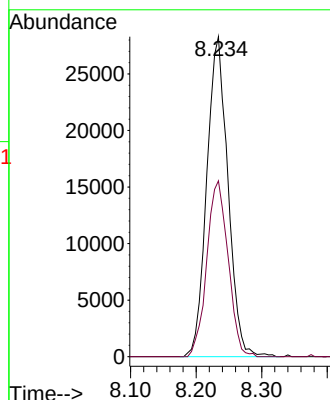
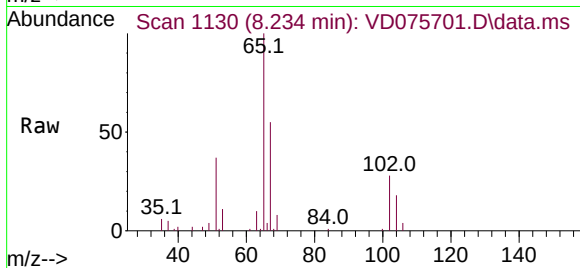
PH1-BOT-1RE

Tgt Ion: 65 Resp: 63447

Ion Ratio Lower Upper

65 100

67 55.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075701.D

Acq: 17 Apr 2023 15:10

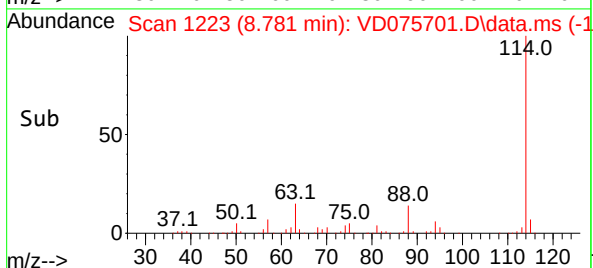
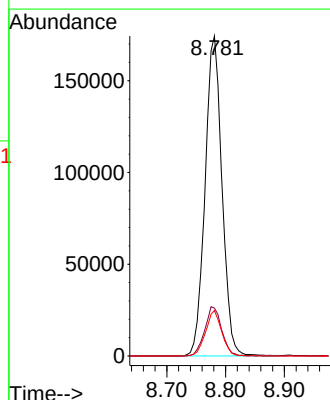
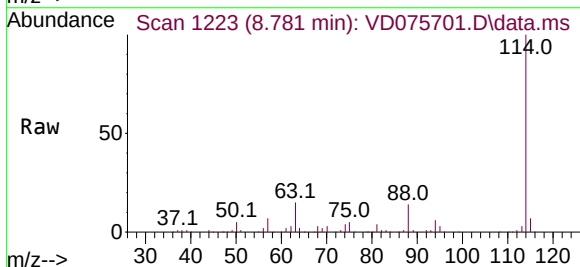
Tgt Ion: 114 Resp: 349423

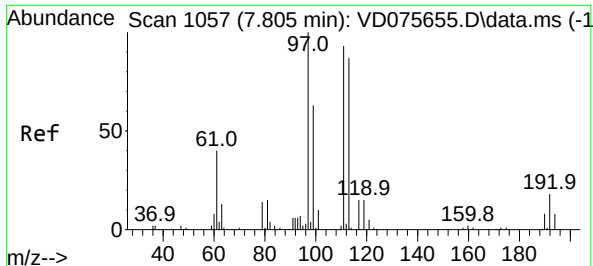
Ion Ratio Lower Upper

114 100

63 14.9 0.0 41.6

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.643 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075701.D

Acq: 17 Apr 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

PH1-BOT-1RE

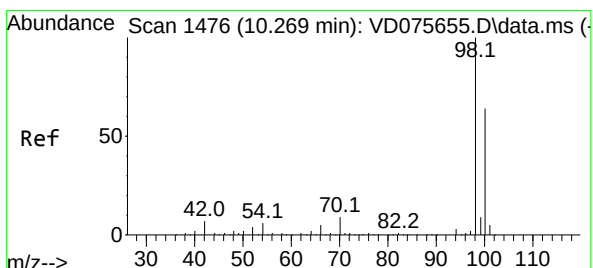
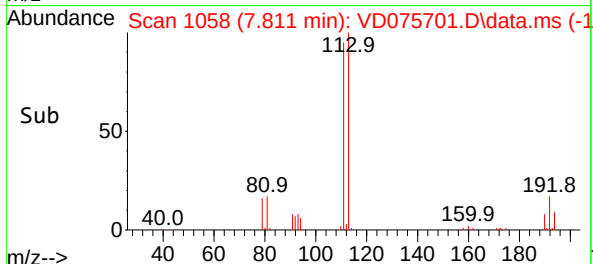
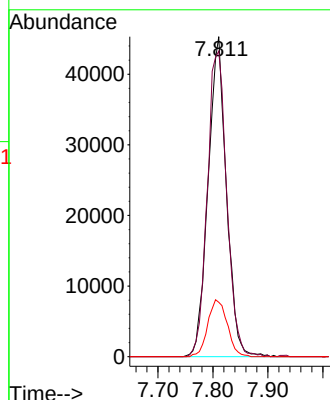
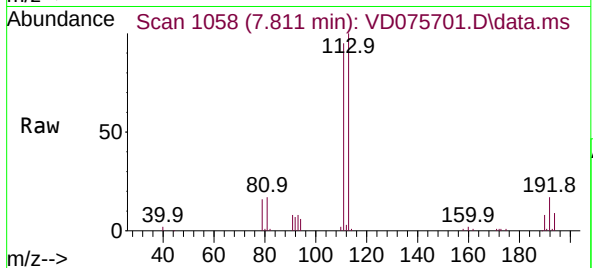
Tgt Ion:113 Resp: 104920

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 19.0 15.2 22.8



#50

Toluene-d8

Concen: 49.441 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD075701.D

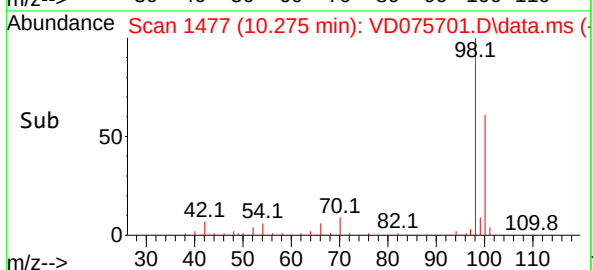
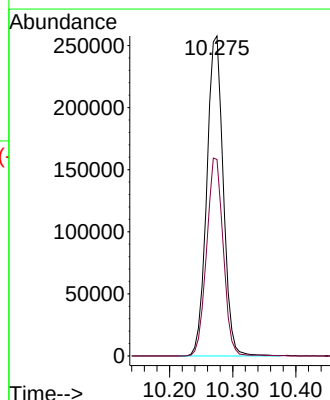
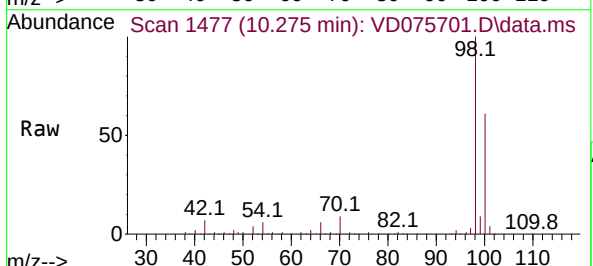
Acq: 17 Apr 2023 15:10

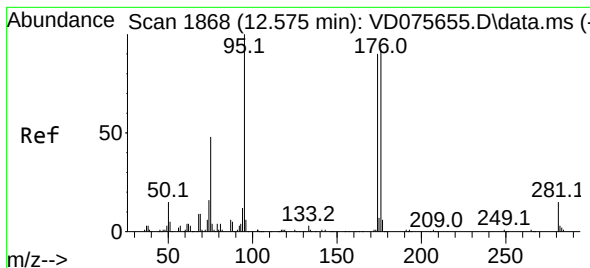
Tgt Ion: 98 Resp: 465322

Ion Ratio Lower Upper

98 100

100 62.4 52.1 78.1

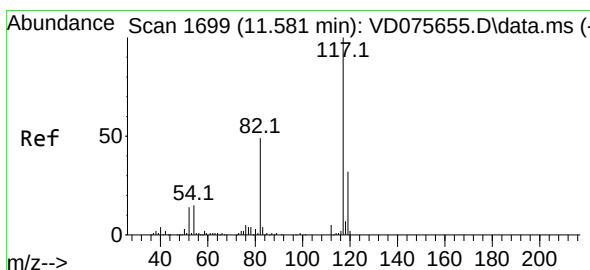
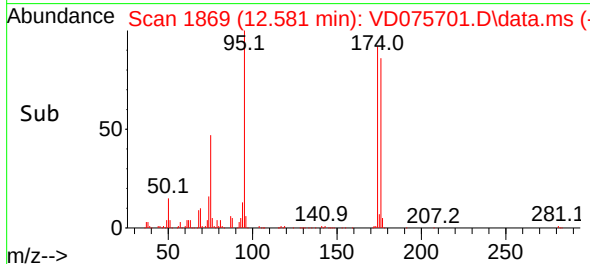
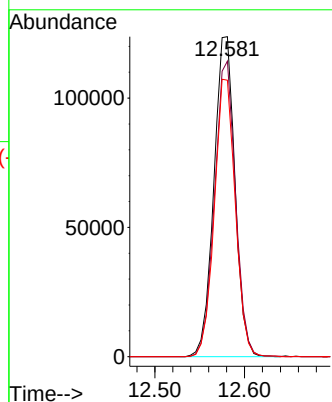
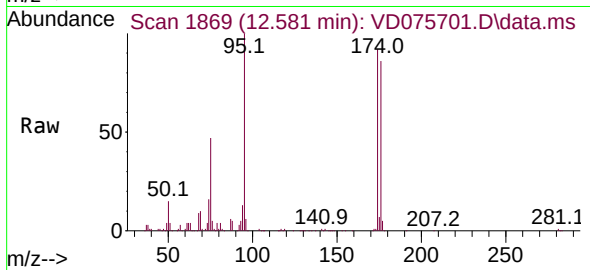




#62
4-Bromofluorobenzene
Concen: 80.584 ug/l
RT: 12.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

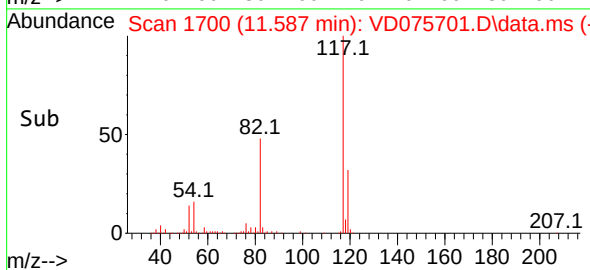
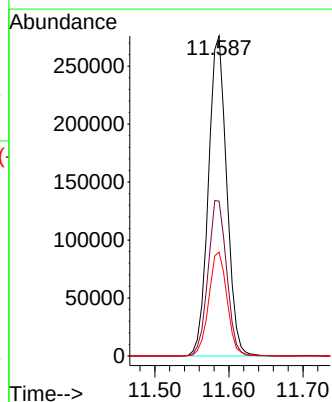
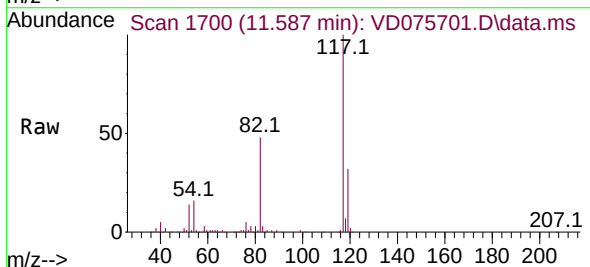
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-1RE

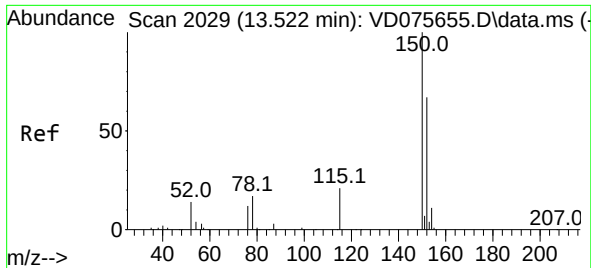
Tgt Ion: 95 Resp: 201588
Ion Ratio Lower Upper
95 100
174 92.0 0.0 164.0
176 86.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075701.D
Acq: 17 Apr 2023 15:10

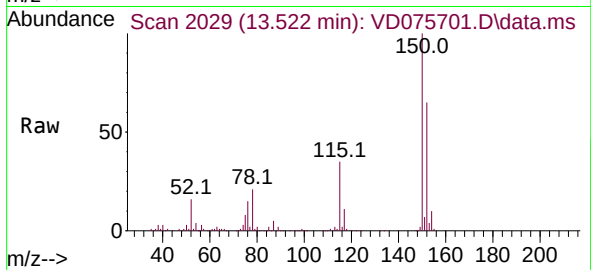
Tgt Ion: 117 Resp: 472605
Ion Ratio Lower Upper
117 100
82 48.4 44.0 66.0
119 32.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075701.D
 Acq: 17 Apr 2023 15:10

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-1RE



Tgt Ion:152 Resp: 262133
 Ion Ratio Lower Upper
 152 100
 115 55.0 30.1 90.3
 150 156.1 0.0 364.8

