

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075189.D
 Acq On : 24 Jan 2023 15:58
 Operator : KP/SY
 Sample : 01283-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-10

Quant Time: Jan 25 00:33:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

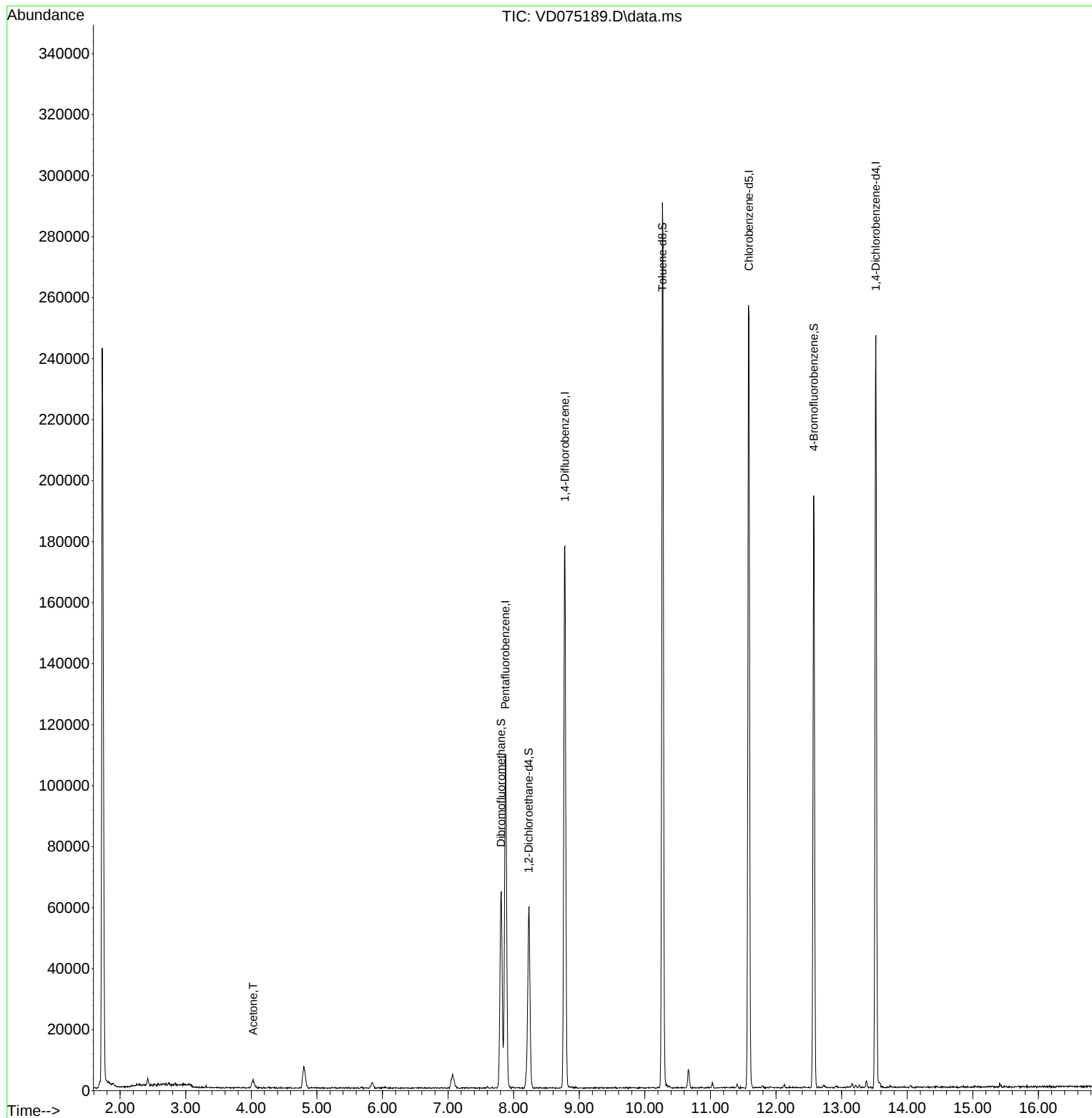
Internal Standards						
1) Pentafluorobenzene	7.875	168	80898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	158907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	147314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	61878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42930	52.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.000%
35) Dibromofluoromethane	7.810	113	47405	49.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.269	98	197406	52.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.575	95	61738	51.453	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.900%
Target Compounds						
16) Acetone	4.028	43	5122	23.525	ug/l	Qvalue # 87

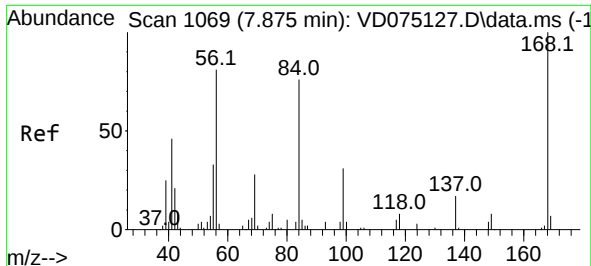
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
Data File : VD075189.D
Acq On : 24 Jan 2023 15:58
Operator : KP/SY
Sample : 01283-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-10

Quant Time: Jan 25 00:33:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

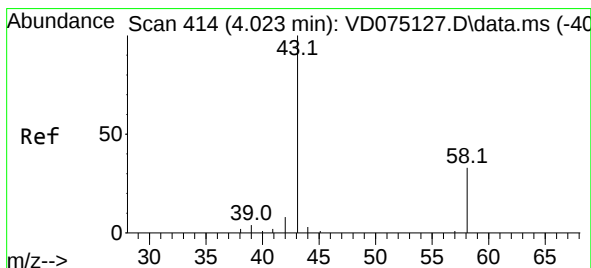
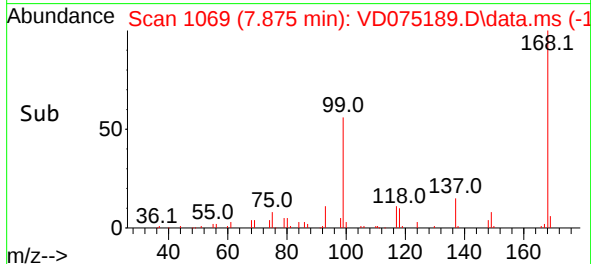
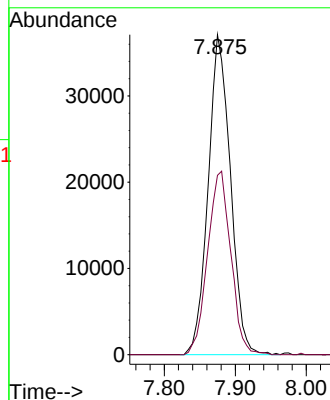
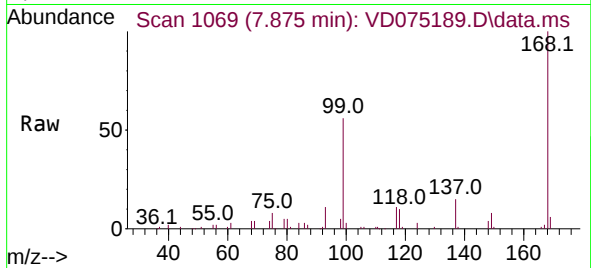




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

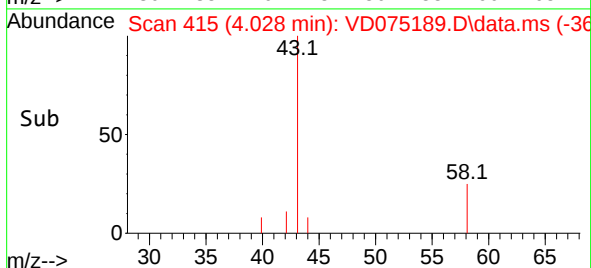
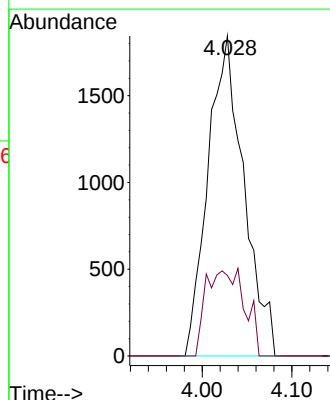
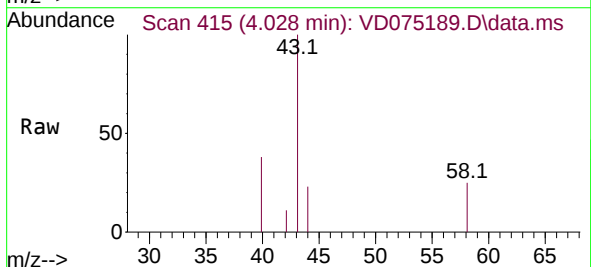
Instrument :
MSVOA_D
ClientSampleId :
MH-10

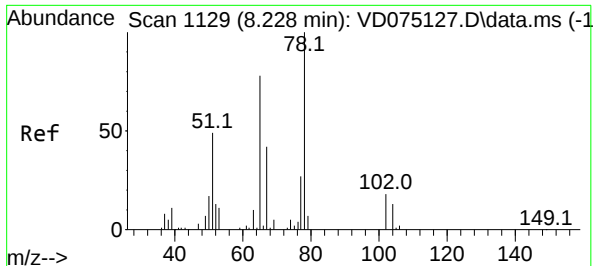
Tgt Ion:168 Resp: 80898
Ion Ratio Lower Upper
168 100
99 56.0 45.2 67.8



#16
Acetone
Concen: 23.525 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Tgt Ion: 43 Resp: 5122
Ion Ratio Lower Upper
43 100
58 25.2 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 52.005 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075189.D

Acq: 24 Jan 2023 15:58

Instrument :

MSVOA_D

ClientSampleId :

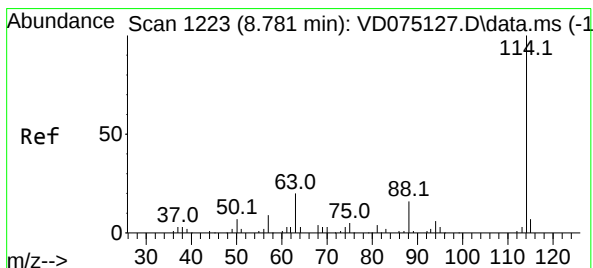
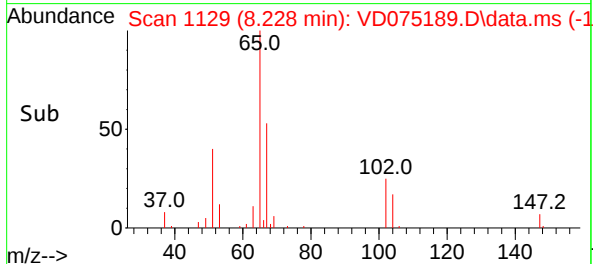
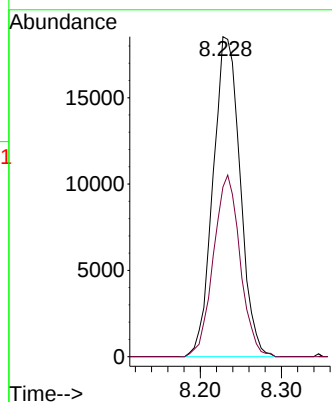
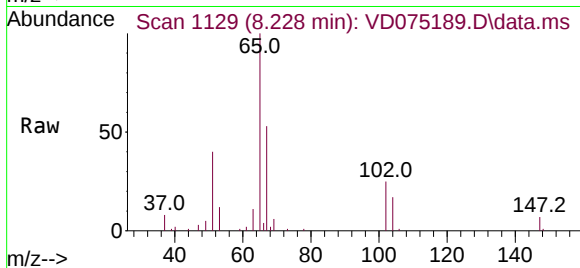
MH-10

Tgt Ion: 65 Resp: 42930

Ion Ratio Lower Upper

65 100

67 56.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075189.D

Acq: 24 Jan 2023 15:58

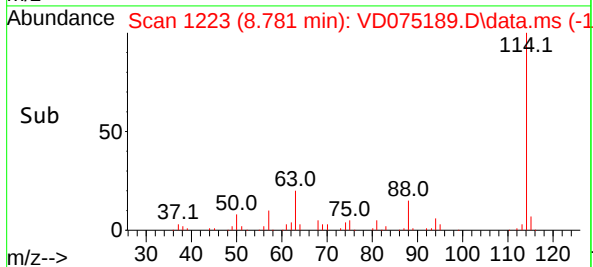
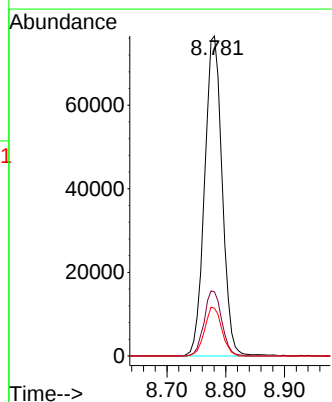
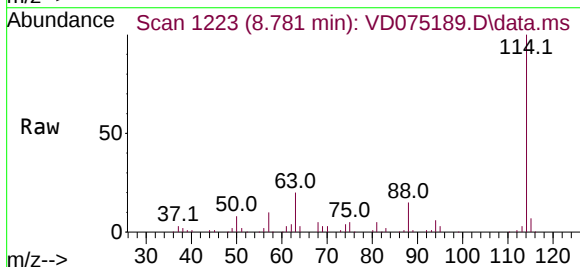
Tgt Ion: 114 Resp: 158907

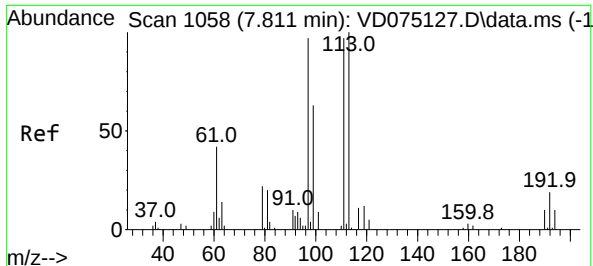
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.369 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075189.D

Acq: 24 Jan 2023 15:58

Instrument :

MSVOA_D

ClientSampleId :

MH-10

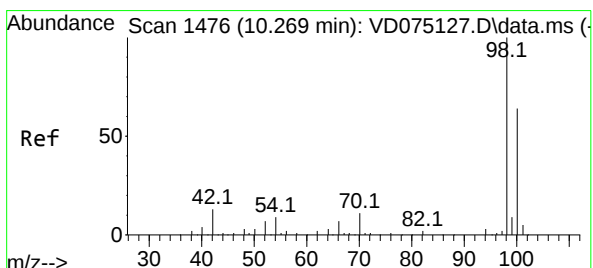
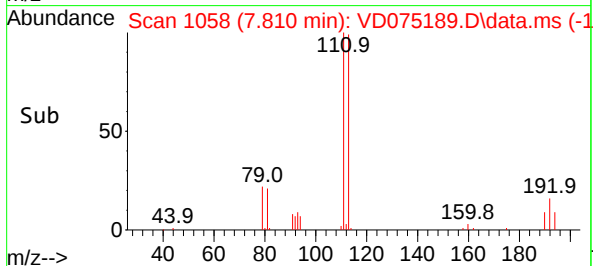
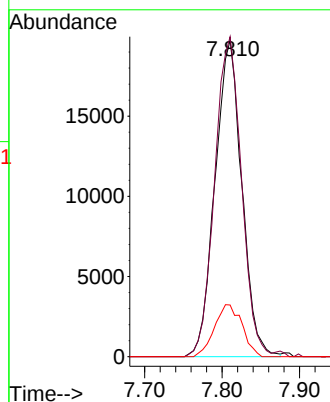
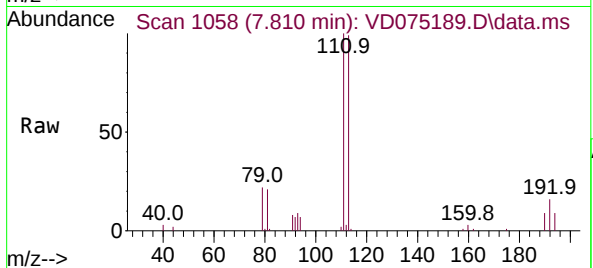
Tgt Ion:113 Resp: 47405

Ion Ratio Lower Upper

113 100

111 101.2 80.1 120.1

192 16.9 15.4 23.0



#50

Toluene-d8

Concen: 52.213 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075189.D

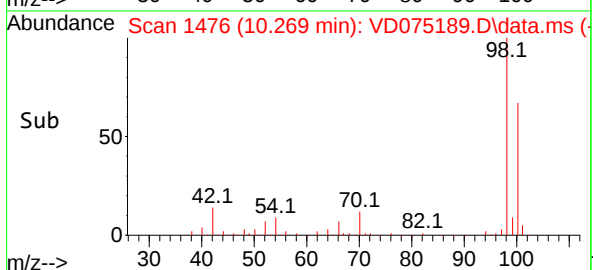
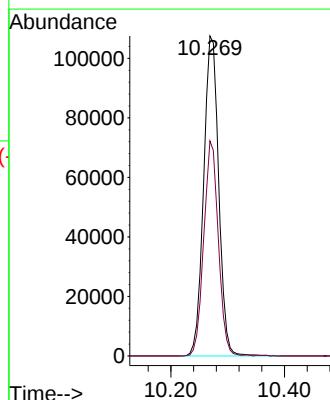
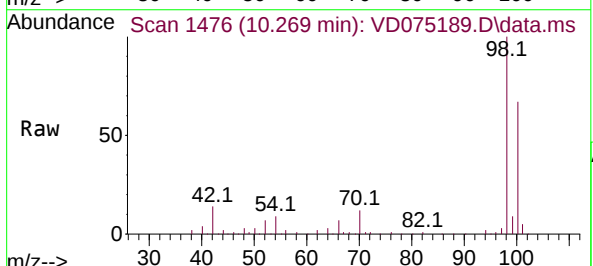
Acq: 24 Jan 2023 15:58

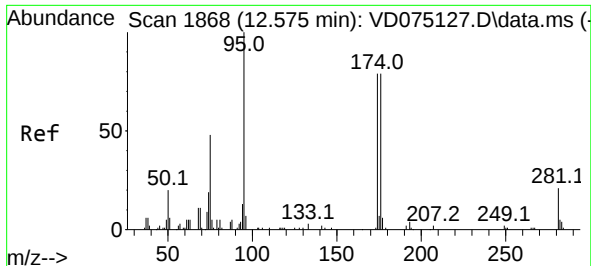
Tgt Ion: 98 Resp: 197406

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1

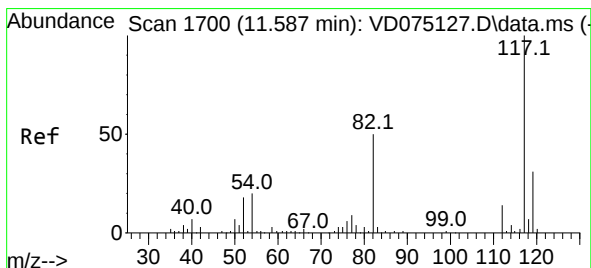
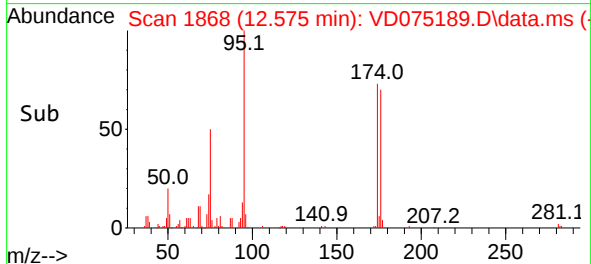
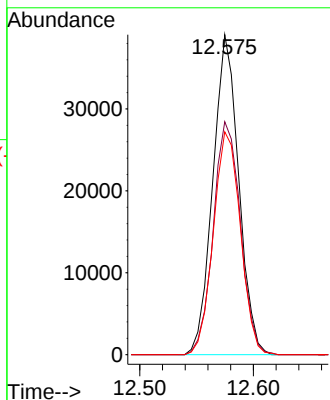
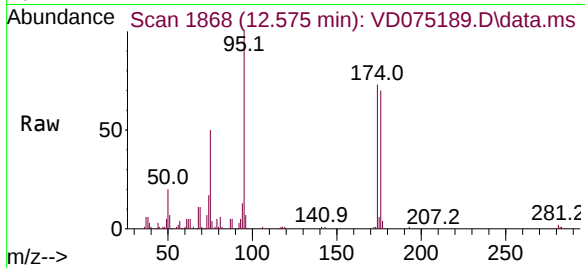




#62
4-Bromofluorobenzene
Concen: 51.453 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

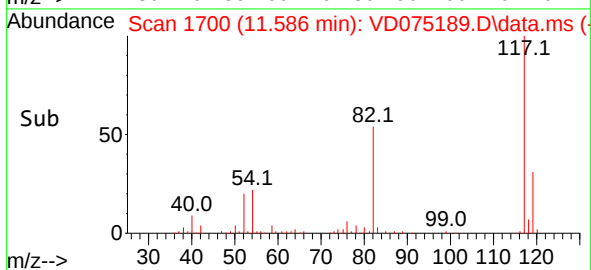
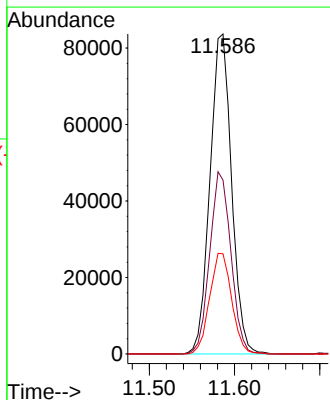
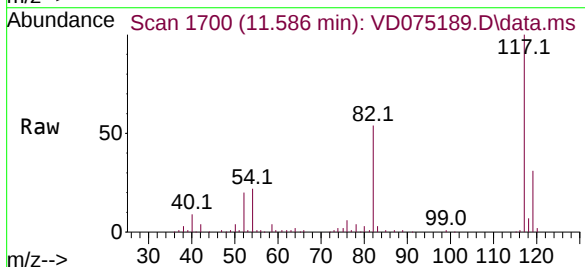
Instrument :
MSVOA_D
ClientSampleId :
MH-10

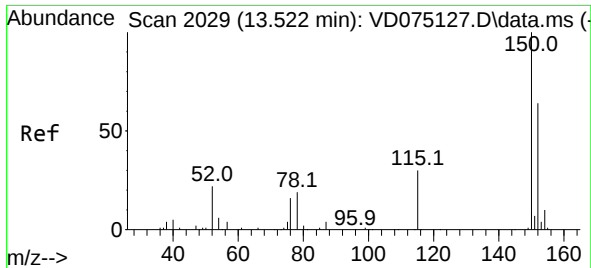
Tgt Ion: 95 Resp: 61738
Ion Ratio Lower Upper
95 100
174 76.4 0.0 161.2
176 73.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

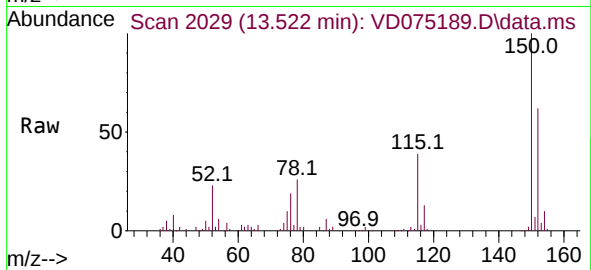
Tgt Ion: 117 Resp: 147314
Ion Ratio Lower Upper
117 100
82 54.3 39.6 59.4
119 31.3 24.6 37.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :
MH-10



Tgt Ion:152 Resp: 61878
Ion Ratio Lower Upper
152 100
115 62.0 28.8 86.4
150 160.2 0.0 348.6

