

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076223.D
 Acq On : 24 May 2023 19:39
 Operator : KP/SY
 Sample : 02868-21
 Misc : 4.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP17

Quant Time: May 25 06:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

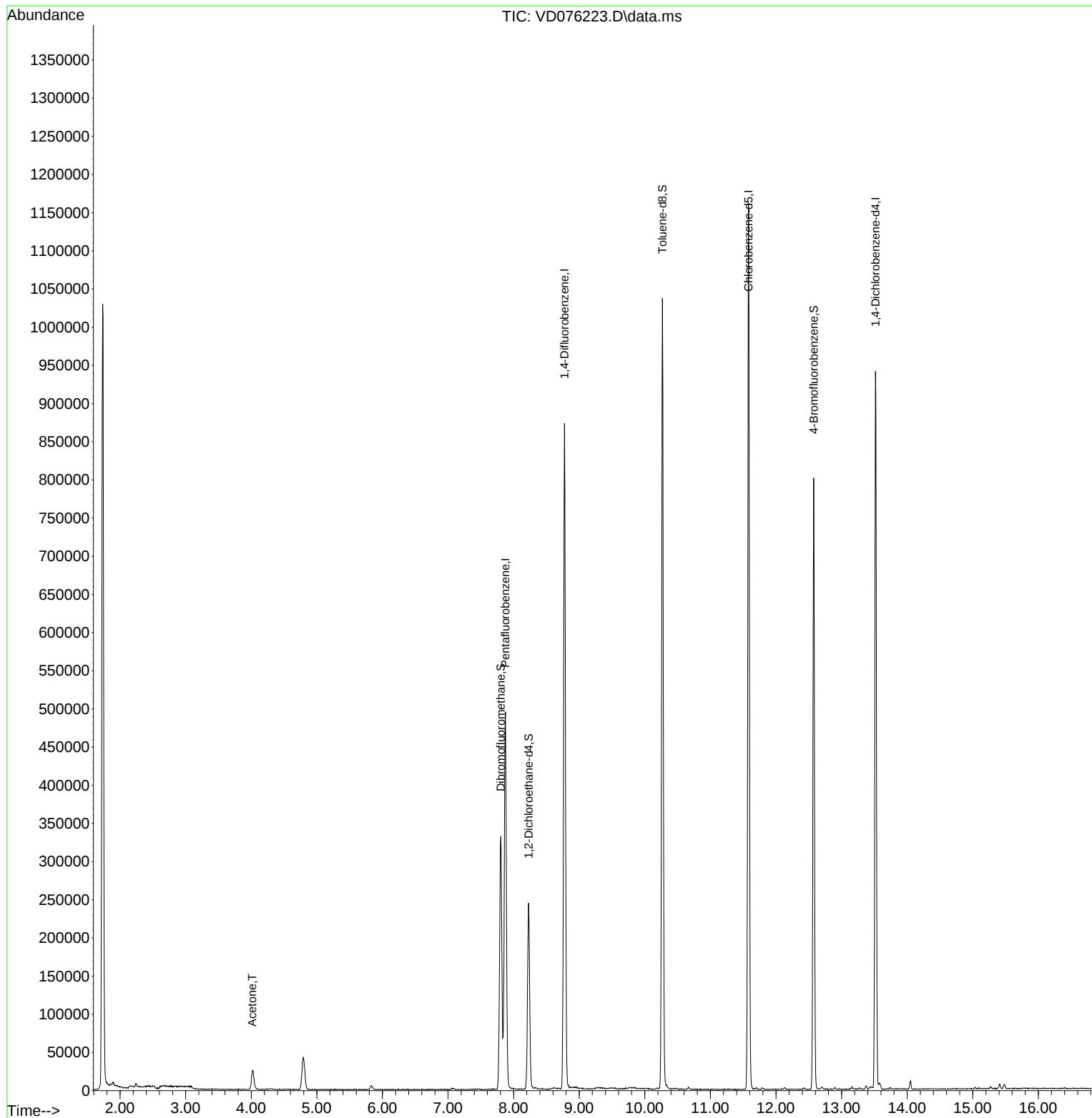
Internal Standards						
1) Pentafluorobenzene	7.875	168	392774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	817594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	707676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	270420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	183101	48.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.460%
35) Dibromofluoromethane	7.805	113	248607	43.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.980%
50) Toluene-d8	10.269	98	742642	33.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.420%
62) 4-Bromofluorobenzene	12.575	95	246429	40.268	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.540%
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	41741	55.266	ug/l #	88

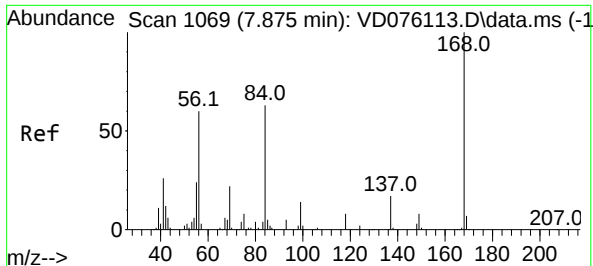
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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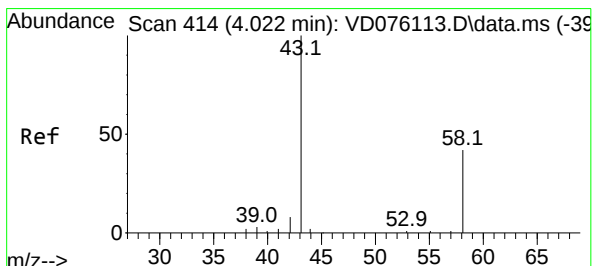
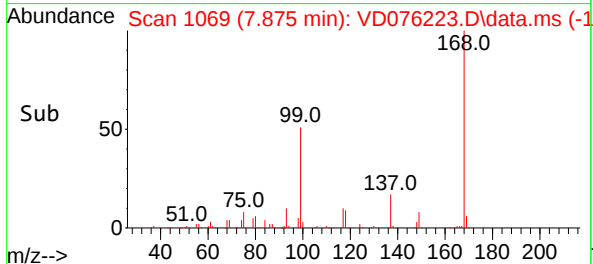
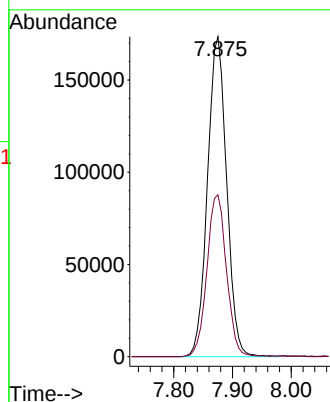
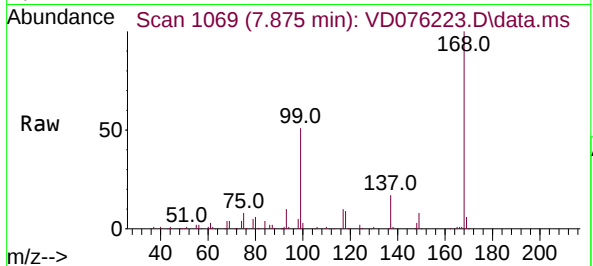




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

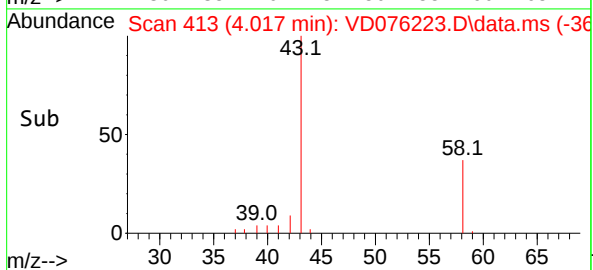
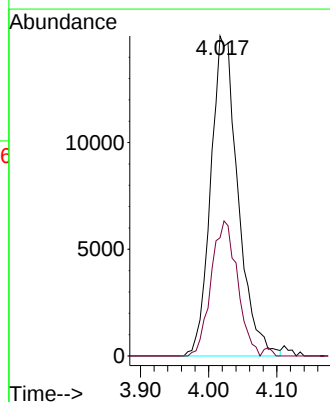
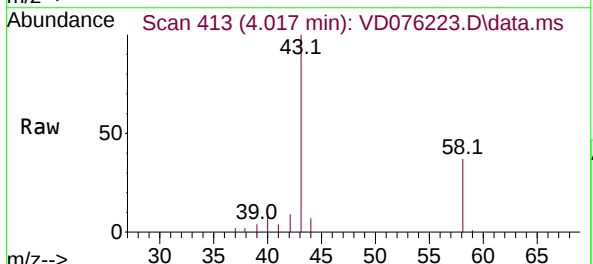
Instrument :
MSVOA_D
ClientSampleId :
TP17

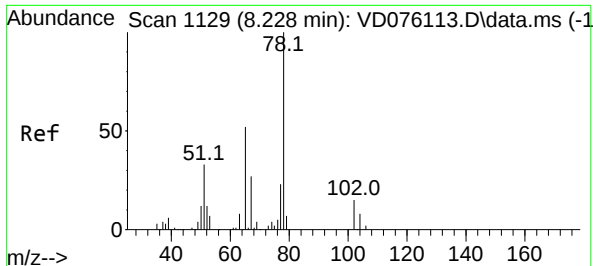
Tgt Ion:168 Resp: 392774
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6



#16
Acetone
Concen: 55.266 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

Tgt Ion: 43 Resp: 41741
Ion Ratio Lower Upper
43 100
58 37.0 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 48.234 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076223.D

Acq: 24 May 2023 19:39

Instrument :

MSVOA_D

ClientSampleId :

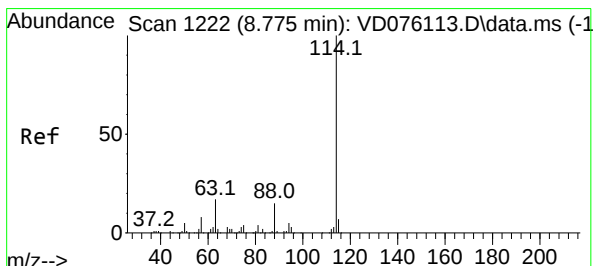
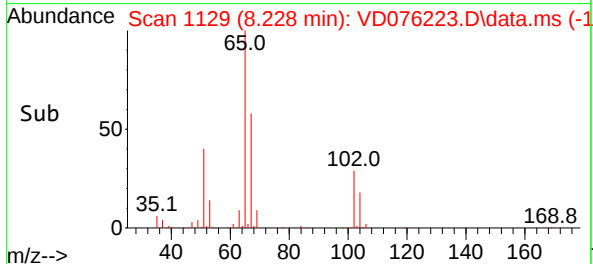
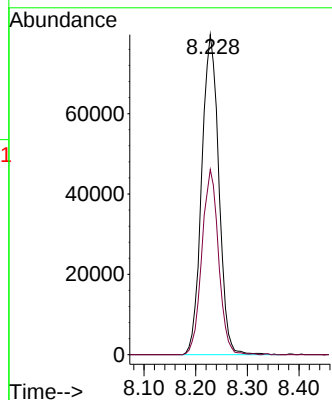
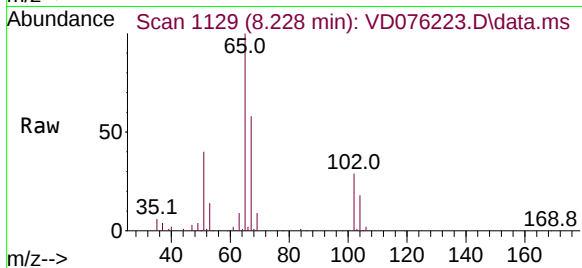
TP17

Tgt Ion: 65 Resp: 183101

Ion Ratio Lower Upper

65 100

67 56.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076223.D

Acq: 24 May 2023 19:39

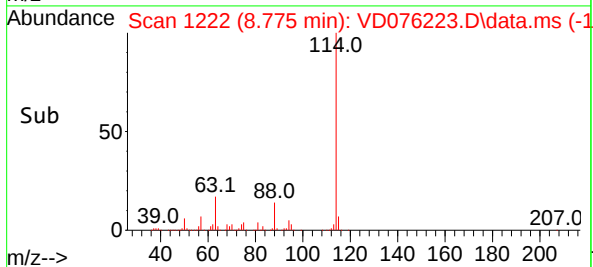
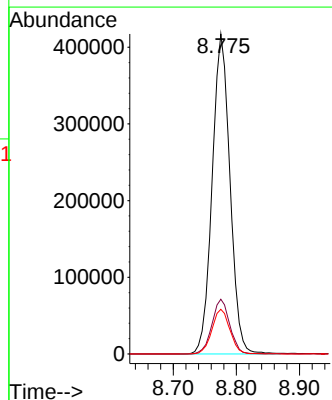
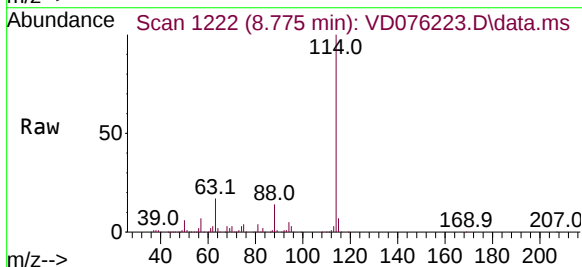
Tgt Ion: 114 Resp: 817594

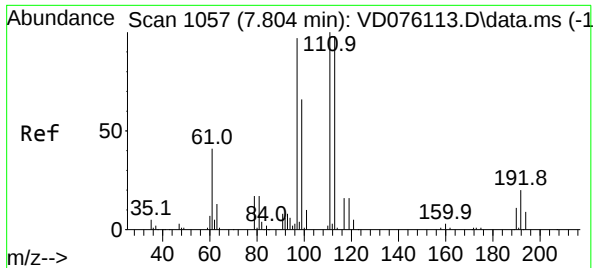
Ion Ratio Lower Upper

114 100

63 17.1 0.0 41.6

88 14.0 0.0 30.6

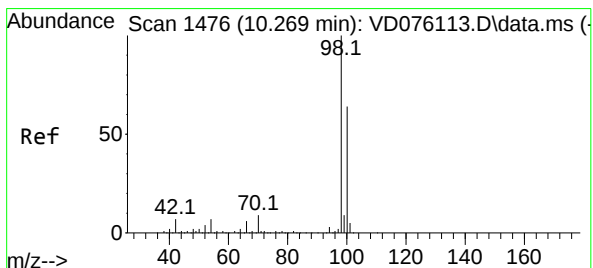
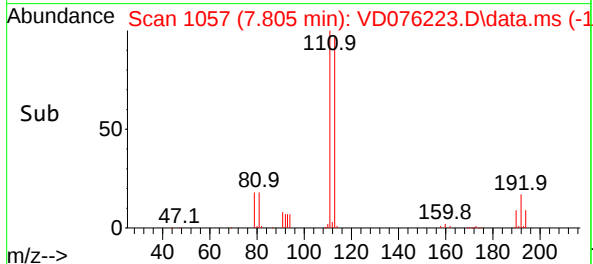
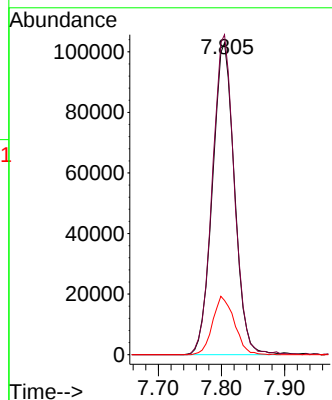
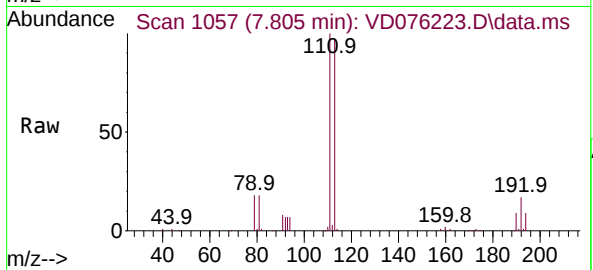




#35
Dibromofluoromethane
Concen: 43.991 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

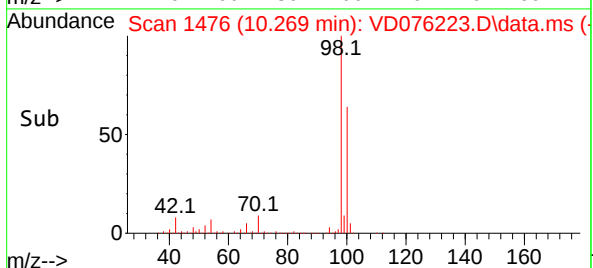
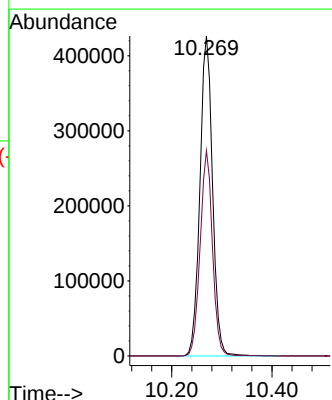
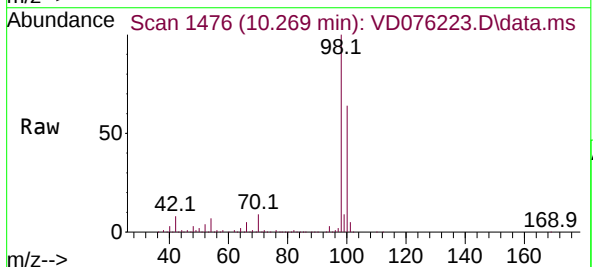
Instrument :
MSVOA_D
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TP17

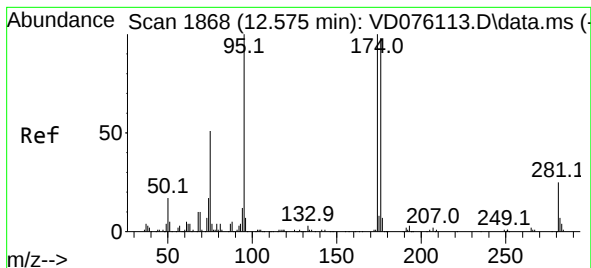
Tgt Ion:113 Resp: 248607
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 18.5 15.2 22.8



#50
Toluene-d8
Concen: 33.710 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

Tgt Ion: 98 Resp: 742642
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1

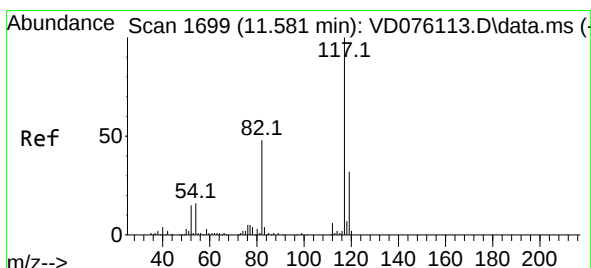
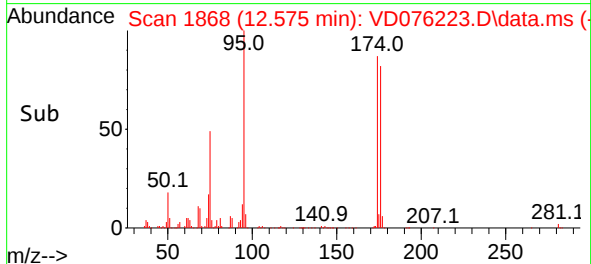
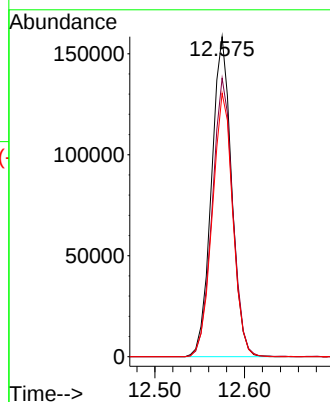
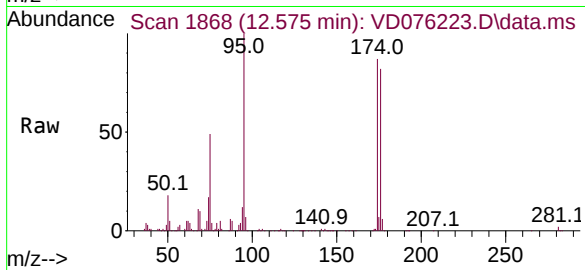




#62
4-Bromofluorobenzene
Concen: 40.268 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

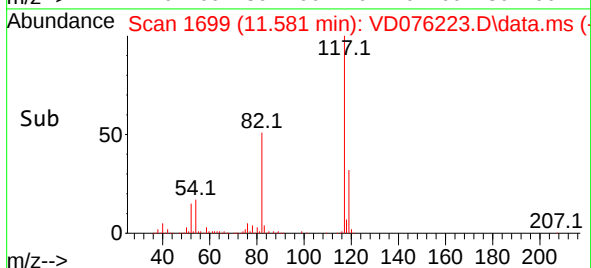
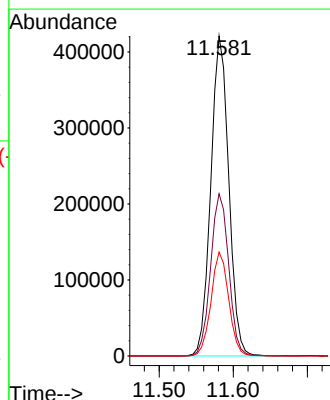
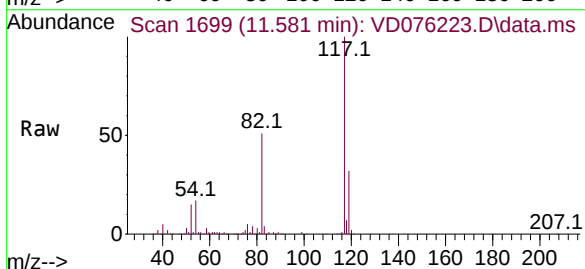
Instrument :
MSVOA_D
ClientSampleId :
TP17

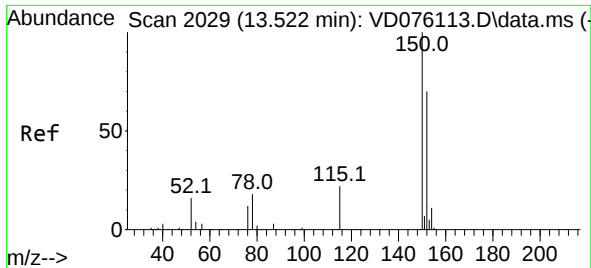
Tgt Ion: 95 Resp: 246429
Ion Ratio Lower Upper
95 100
174 88.7 0.0 164.0
176 83.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076223.D
Acq: 24 May 2023 19:39

Tgt Ion: 117 Resp: 707676
Ion Ratio Lower Upper
117 100
82 50.7 44.0 66.0
119 32.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD076223.D

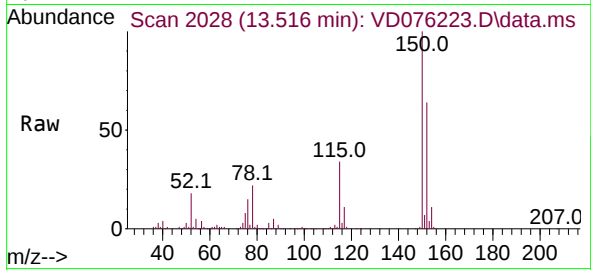
Acq: 24 May 2023 19:39

Instrument :

MSVOA_D

ClientSampleId :

TP17



Tgt Ion:152 Resp: 270420

Ion Ratio Lower Upper

152 100

115 54.1 30.1 90.3

150 155.7 0.0 364.8

