

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076340.D
 Acq On : 06 Jun 2023 15:01
 Operator : KP/SY
 Sample : 03050-04
 Misc : 5.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-23-0A

Quant Time: Jun 07 06:11:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

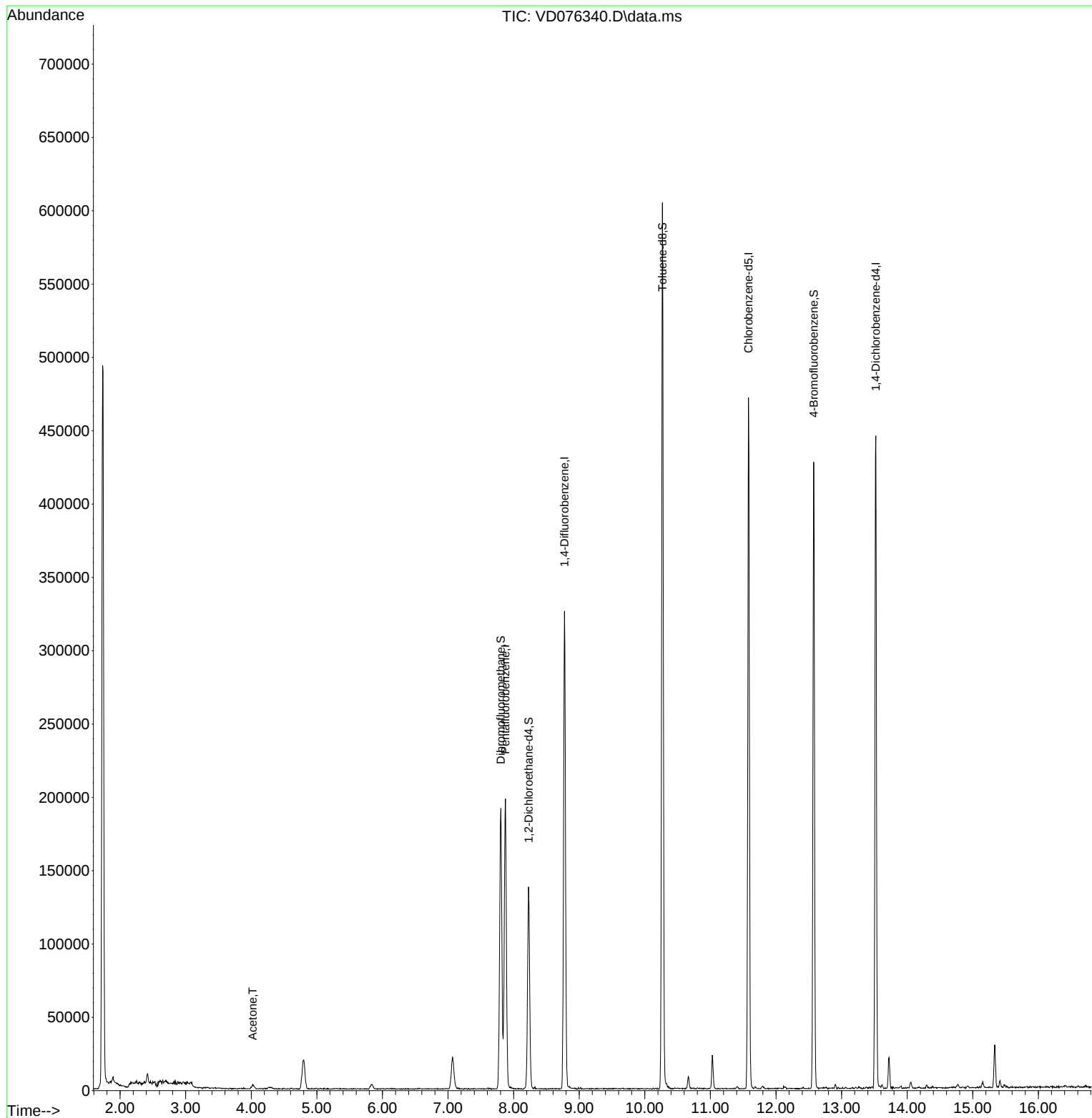
Internal Standards						
1) Pentafluorobenzene	7.875	168	166065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	317296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	132546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101503	68.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.440%	
35) Dibromofluoromethane	7.805	113	139274	69.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.260%	
50) Toluene-d8	10.269	98	439241	54.760	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.520%	
62) 4-Bromofluorobenzene	12.575	95	127025	59.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.680%	
Target Compounds						
16) Acetone	4.022	43	4668	17.128	ug/l	Qvalue # 77

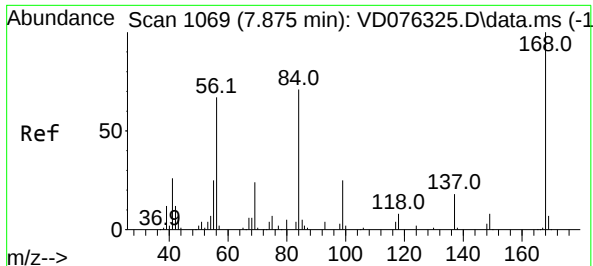
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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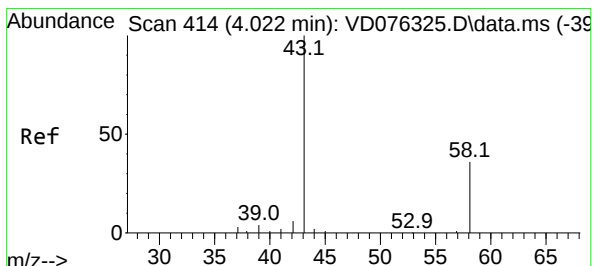
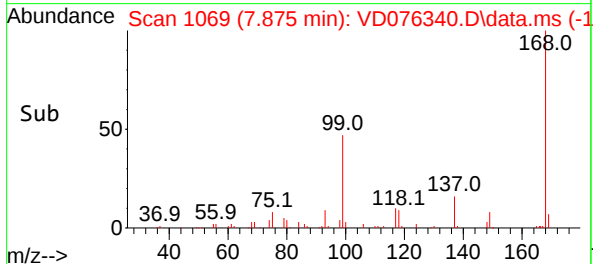
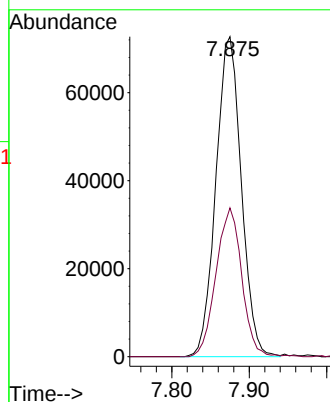
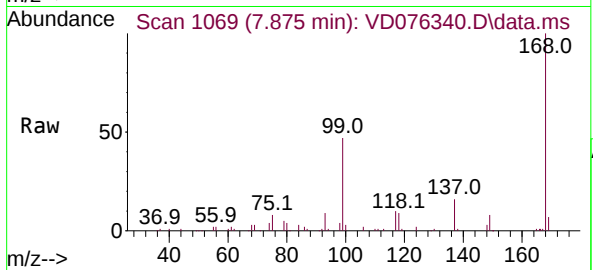




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

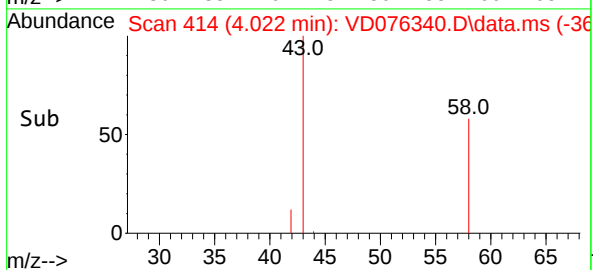
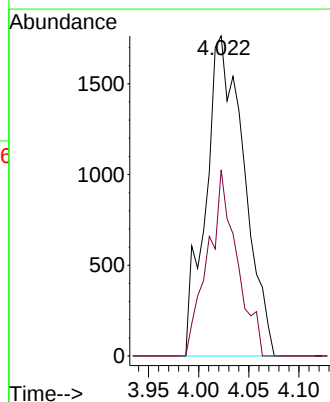
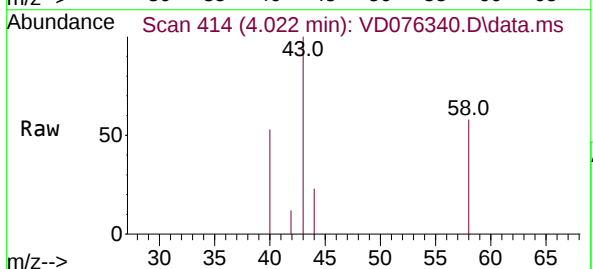
Instrument :
MSVOA_D
ClientSampleId :
TP-23-0A

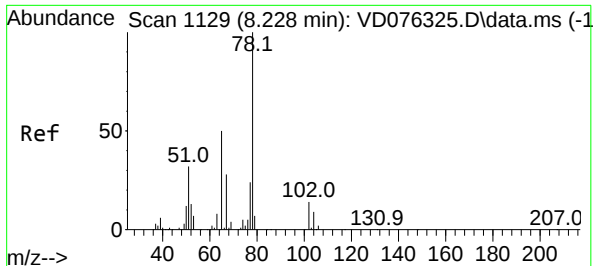
Tgt Ion:168 Resp: 166065
Ion Ratio Lower Upper
168 100
99 46.5 36.7 55.1



#16
Acetone
Concen: 17.128 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

Tgt Ion: 43 Resp: 4668
Ion Ratio Lower Upper
43 100
58 58.2 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 68.217 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076340.D

Acq: 06 Jun 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

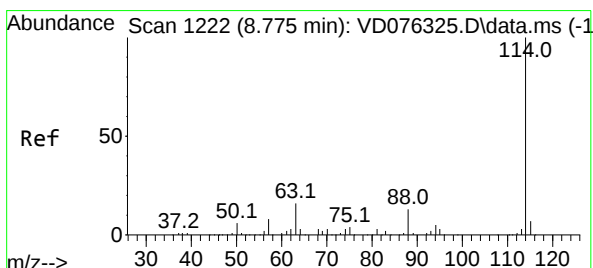
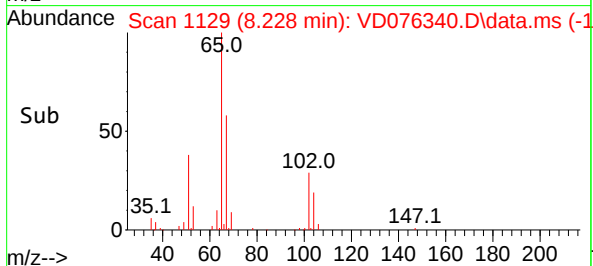
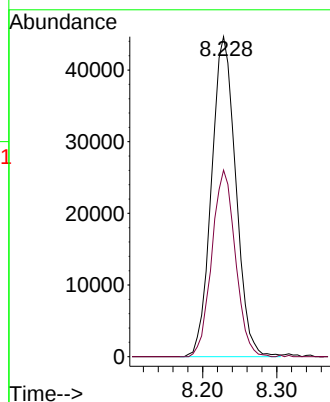
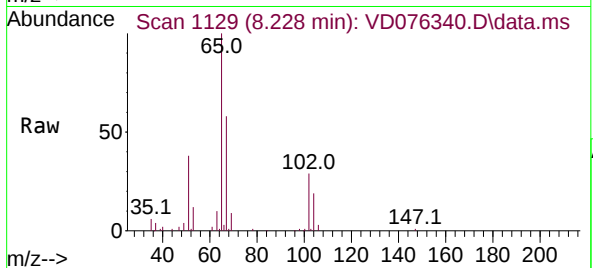
TP-23-0A

Tgt Ion: 65 Resp: 101503

Ion Ratio Lower Upper

65 100

67 56.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076340.D

Acq: 06 Jun 2023 15:01

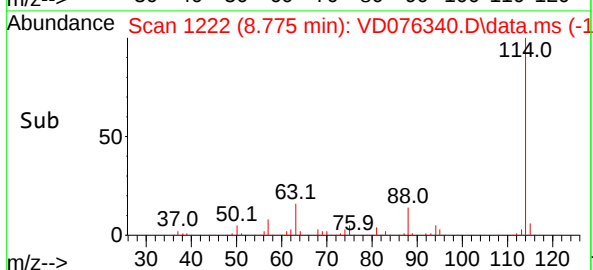
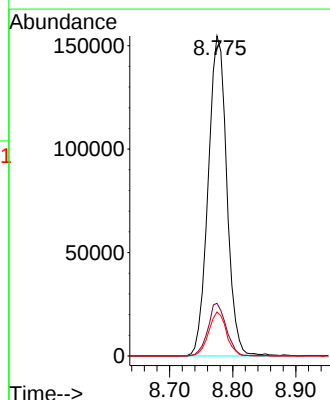
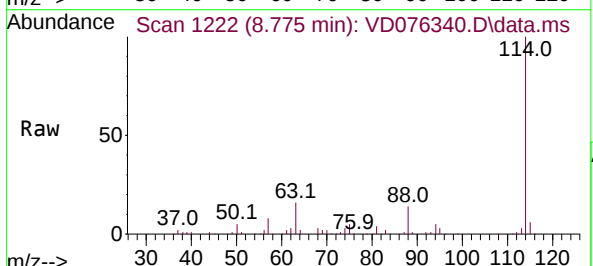
Tgt Ion: 114 Resp: 317296

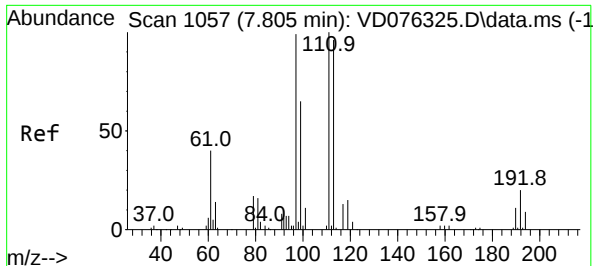
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 69.131 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076340.D

Acq: 06 Jun 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

TP-23-0A

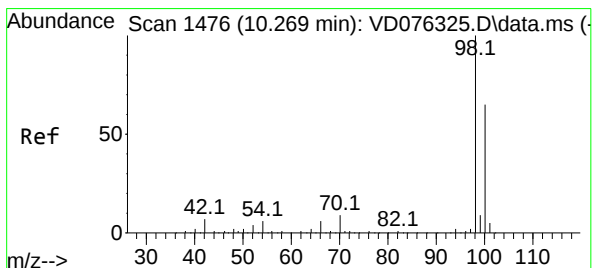
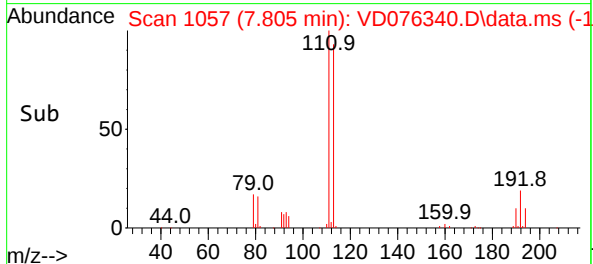
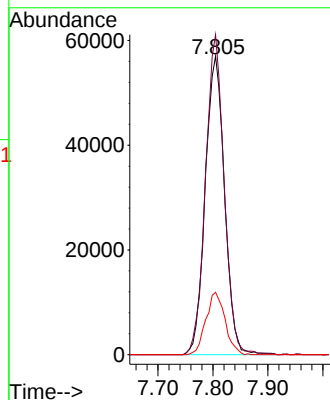
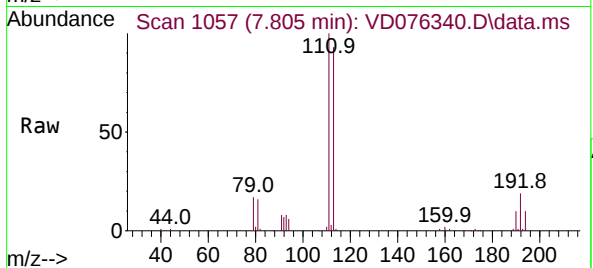
Tgt Ion:113 Resp: 139274

Ion Ratio Lower Upper

113 100

111 103.4 84.7 127.1

192 20.7 16.8 25.2



#50

Toluene-d8

Concen: 54.760 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076340.D

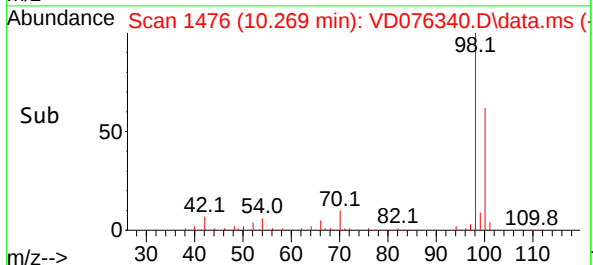
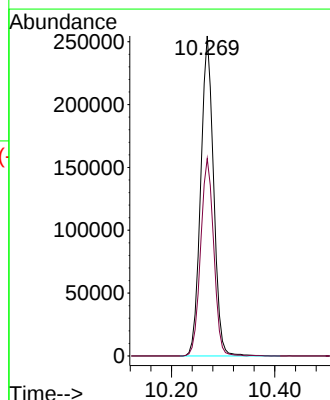
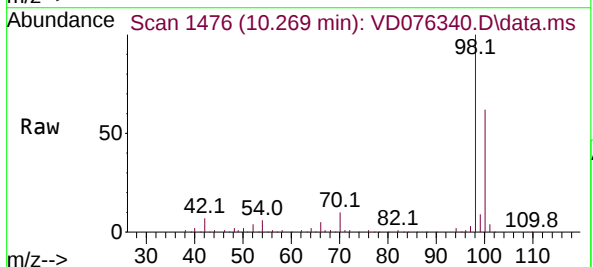
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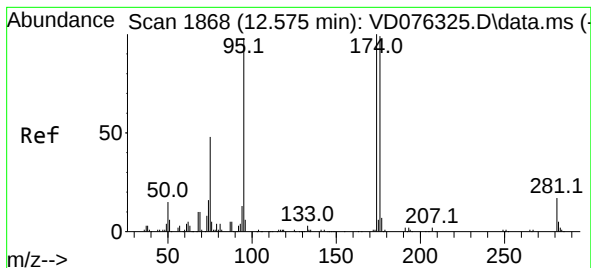
Tgt Ion: 98 Resp: 439241

Ion Ratio Lower Upper

98 100

100 62.9 50.3 75.5

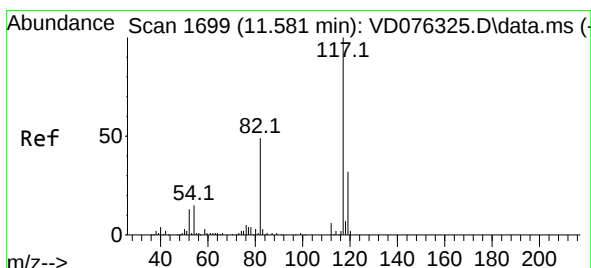
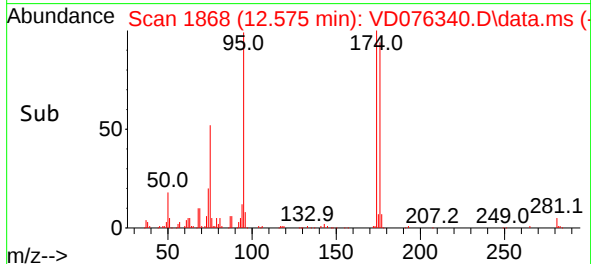
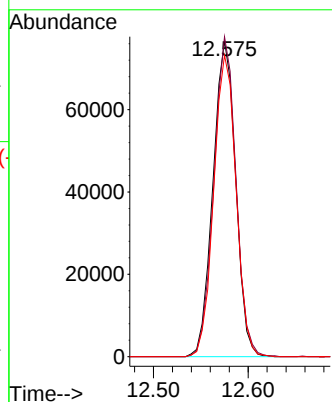
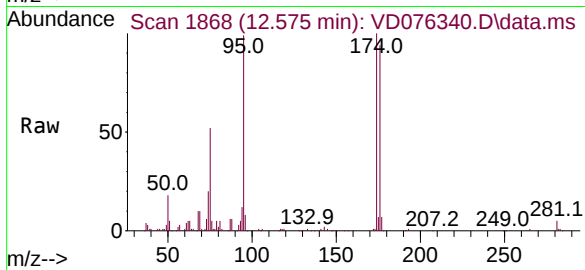




#62
4-Bromofluorobenzene
Concen: 59.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

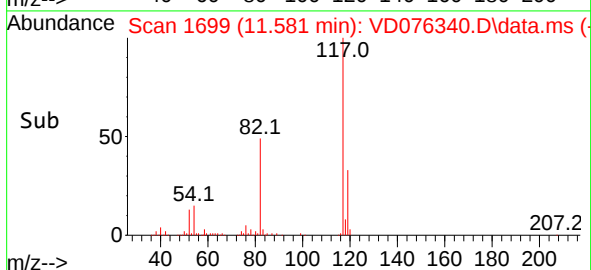
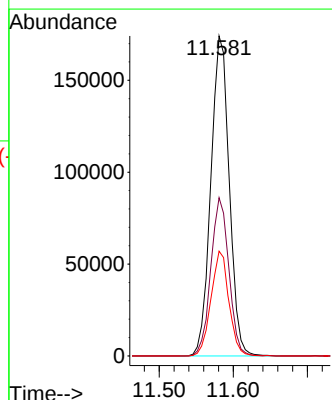
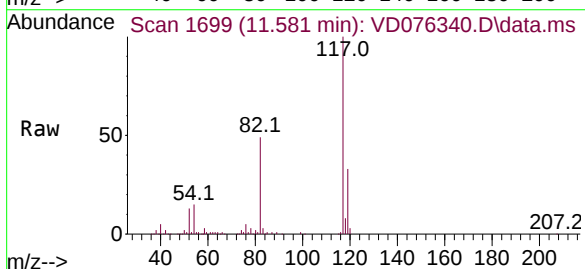
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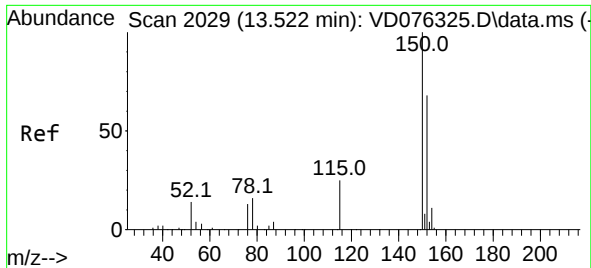
Tgt Ion: 95 Resp: 127025
Ion Ratio Lower Upper
95 100
174 99.2 0.0 201.8
176 94.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076340.D
Acq: 06 Jun 2023 15:01

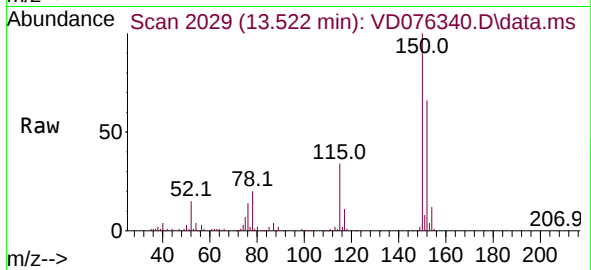
Tgt Ion: 117 Resp: 300088
Ion Ratio Lower Upper
117 100
82 49.4 38.3 57.5
119 32.7 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076340.D
 Acq: 06 Jun 2023 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-23-0A



Tgt Ion:152 Resp: 132546
 Ion Ratio Lower Upper
 152 100
 115 51.3 27.1 81.3
 150 155.6 0.0 353.6

