

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076402.D
 Acq On : 13 Jun 2023 13:48
 Operator : KP/SY
 Sample : 03138-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Jun 14 05:46:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

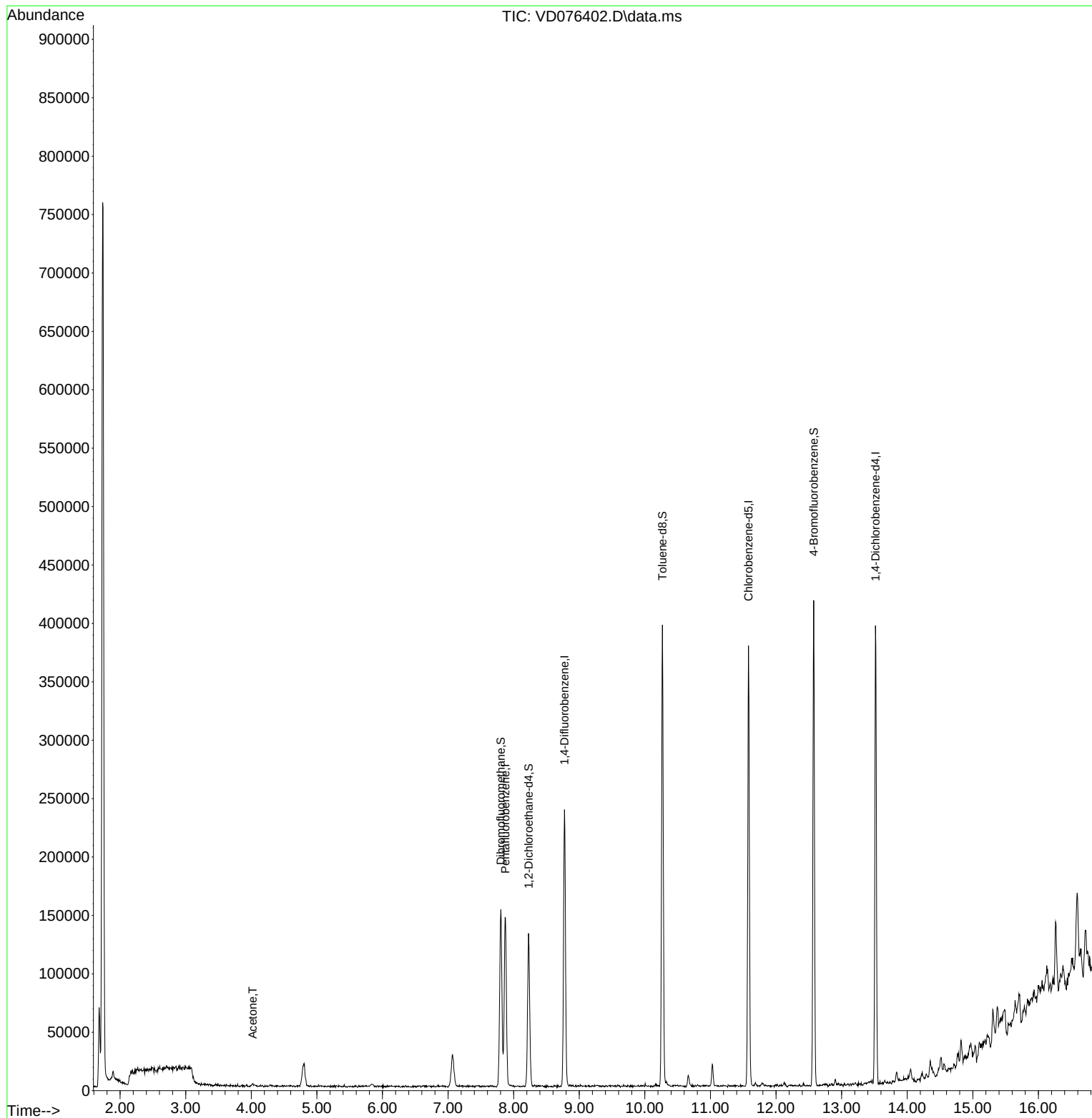
Internal Standards						
1) Pentafluorobenzene	7.875	168	115577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	209341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96761	72.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.960%	
35) Dibromofluoromethane	7.804	113	107802	79.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 159.680%#	
50) Toluene-d8	10.269	98	266205	52.028	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.575	95	126008	71.788	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 143.580%#	
Target Compounds						
16) Acetone	4.022	43	4630	15.777	ug/l	Qvalue 87

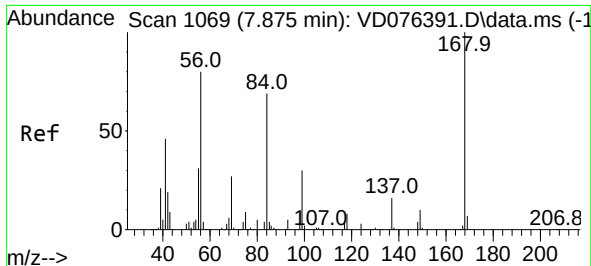
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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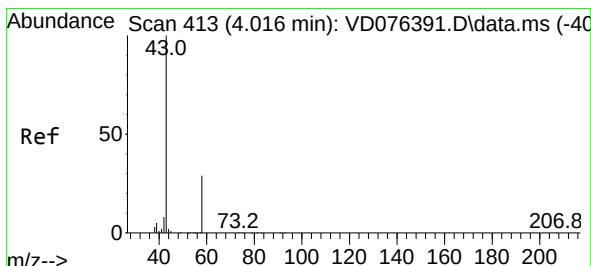
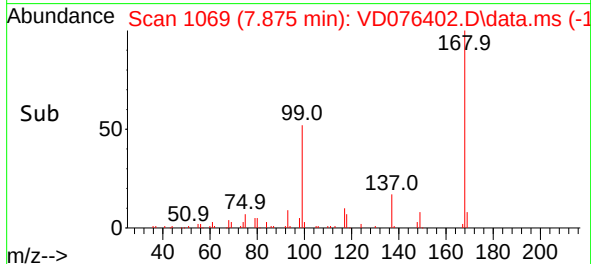
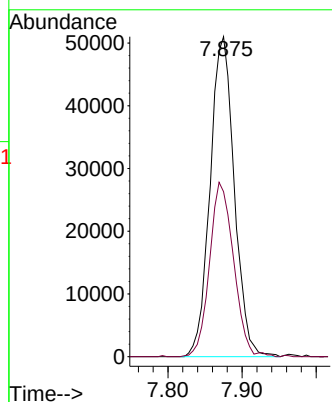
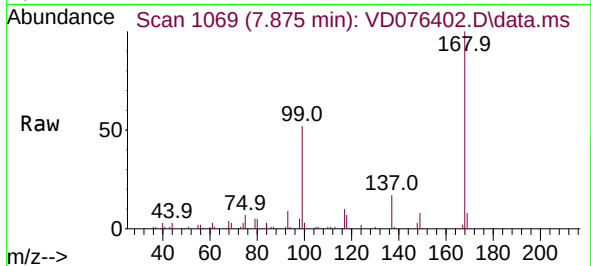




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076402.D
Acq: 13 Jun 2023 13:48

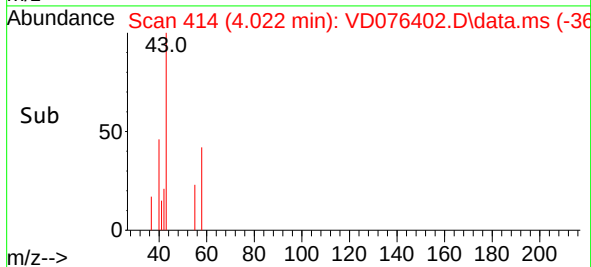
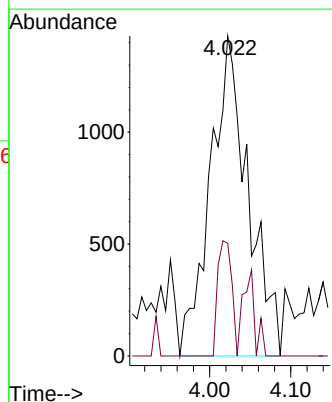
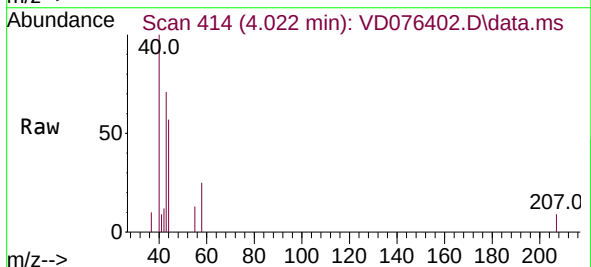
Instrument :
MSVOA_D
ClientSampleId :
WC-1

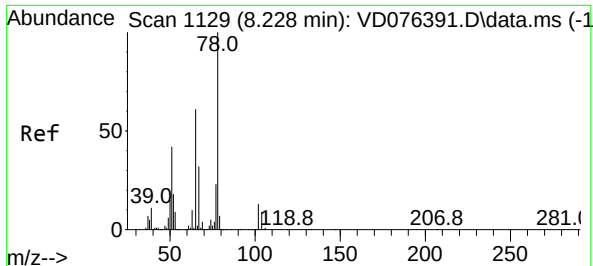
Tgt Ion:168 Resp: 115577
Ion Ratio Lower Upper
168 100
99 51.6 36.7 55.1



#16
Acetone
Concen: 15.777 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076402.D
Acq: 13 Jun 2023 13:48

Tgt Ion: 43 Resp: 4630
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 72.483 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076402.D

Acq: 13 Jun 2023 13:48

Instrument :

MSVOA_D

ClientSampleId :

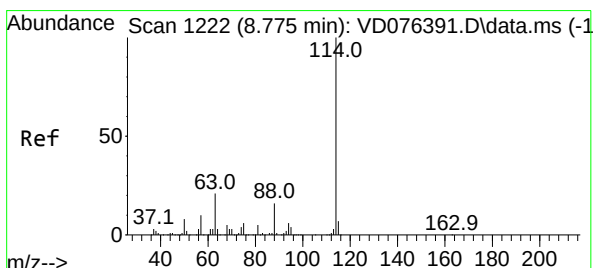
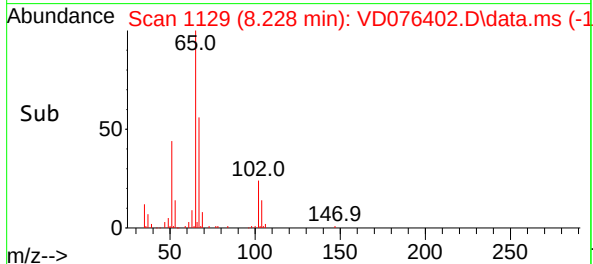
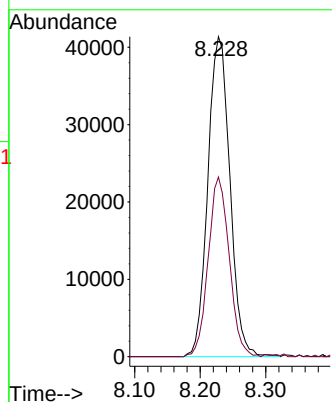
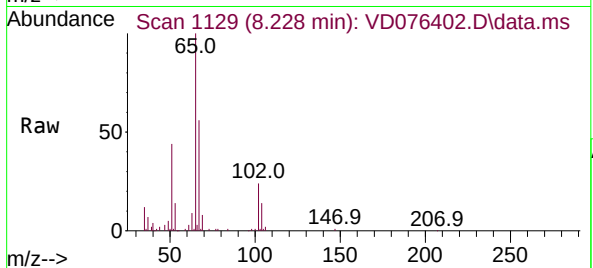
WC-1

Tgt Ion: 65 Resp: 96761

Ion Ratio Lower Upper

65 100

67 53.5 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: VD076402.D

Acq: 13 Jun 2023 13:48

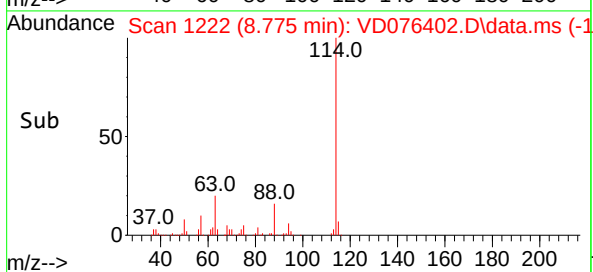
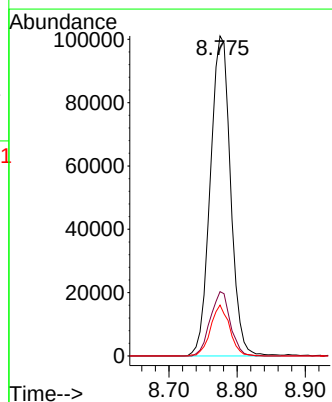
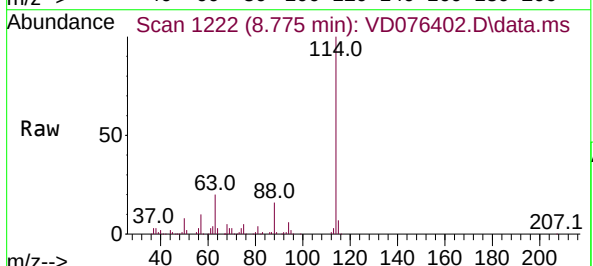
Tgt Ion: 114 Resp: 208903

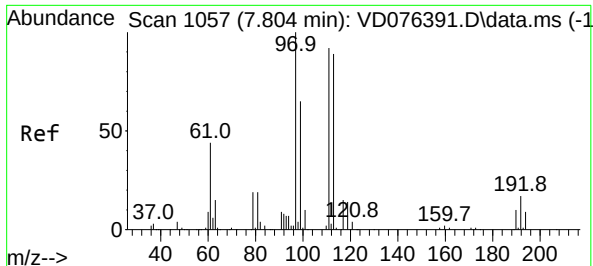
Ion Ratio Lower Upper

114 100

63 20.1 0.0 33.4

88 15.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 79.844 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076402.D

Acq: 13 Jun 2023 13:48

Instrument :

MSVOA_D

ClientSampleId :

WC-1

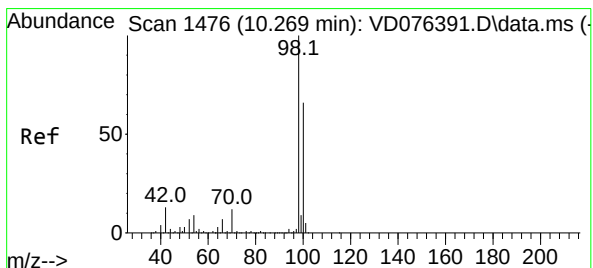
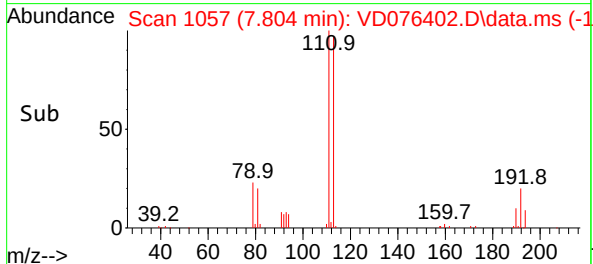
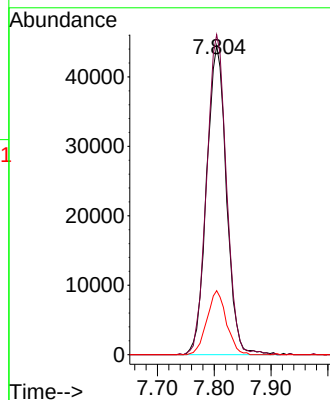
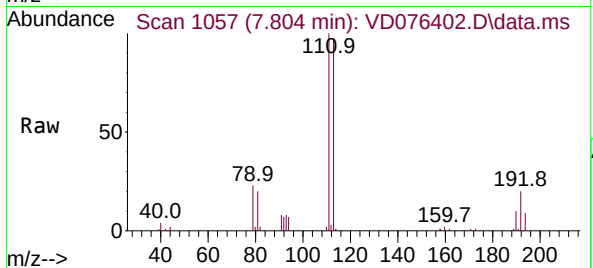
Tgt Ion:113 Resp: 107802

Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 20.3 16.8 25.2



#50

Toluene-d8

Concen: 52.028 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076402.D

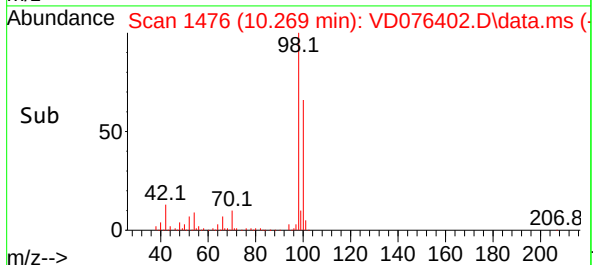
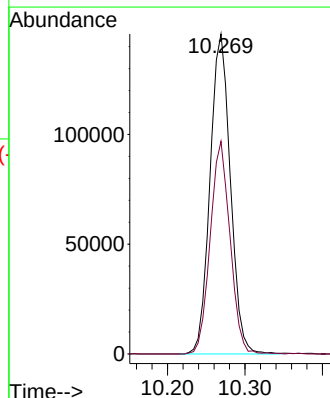
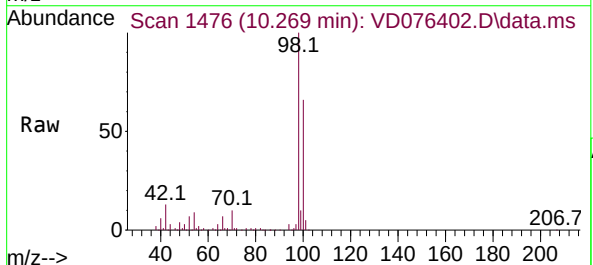
Acq: 13 Jun 2023 13:48

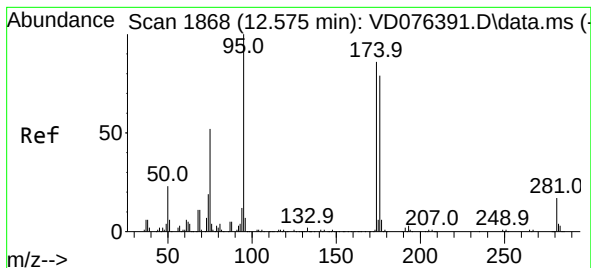
Tgt Ion: 98 Resp: 266205

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

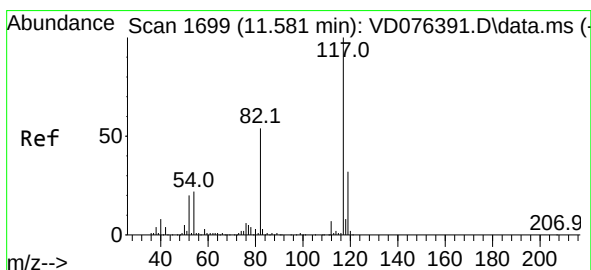
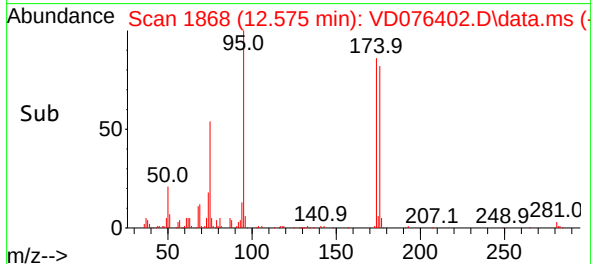
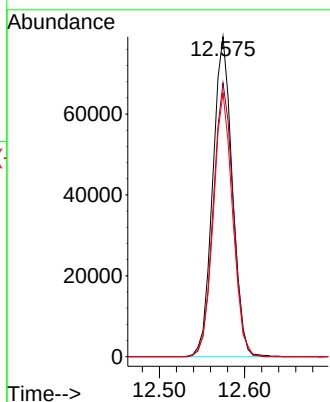
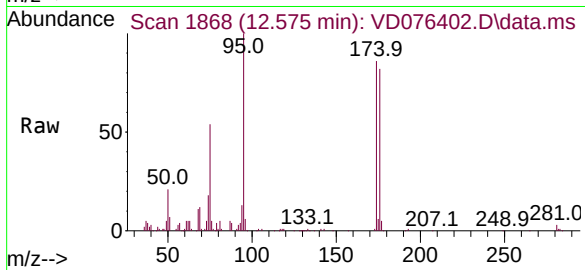




#62
4-Bromofluorobenzene
Concen: 71.788 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076402.D
Acq: 13 Jun 2023 13:48

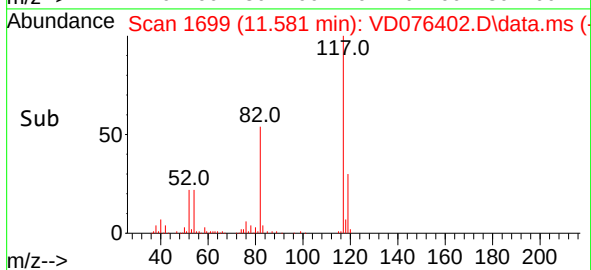
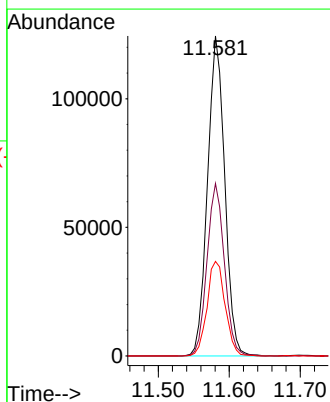
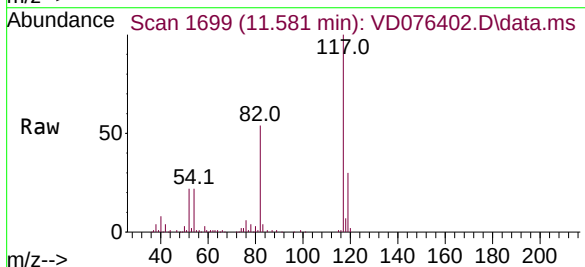
Instrument :
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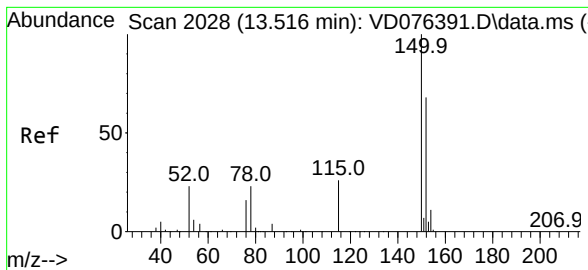
Tgt Ion: 95 Resp: 126008
Ion Ratio Lower Upper
95 100
174 86.8 0.0 201.8
176 81.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076402.D
Acq: 13 Jun 2023 13:48

Tgt Ion: 117 Resp: 209341
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 29.5 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076402.D
 Acq: 13 Jun 2023 13:48

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Tgt Ion:152 Resp: 103700
 Ion Ratio Lower Upper
 152 100
 115 57.5 27.1 81.3
 150 155.0 0.0 353.6

