

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076220.D
 Acq On : 24 May 2023 18:09
 Operator : KP/SY
 Sample : 02891-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 290-328

Quant Time: May 25 06:02:58 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)

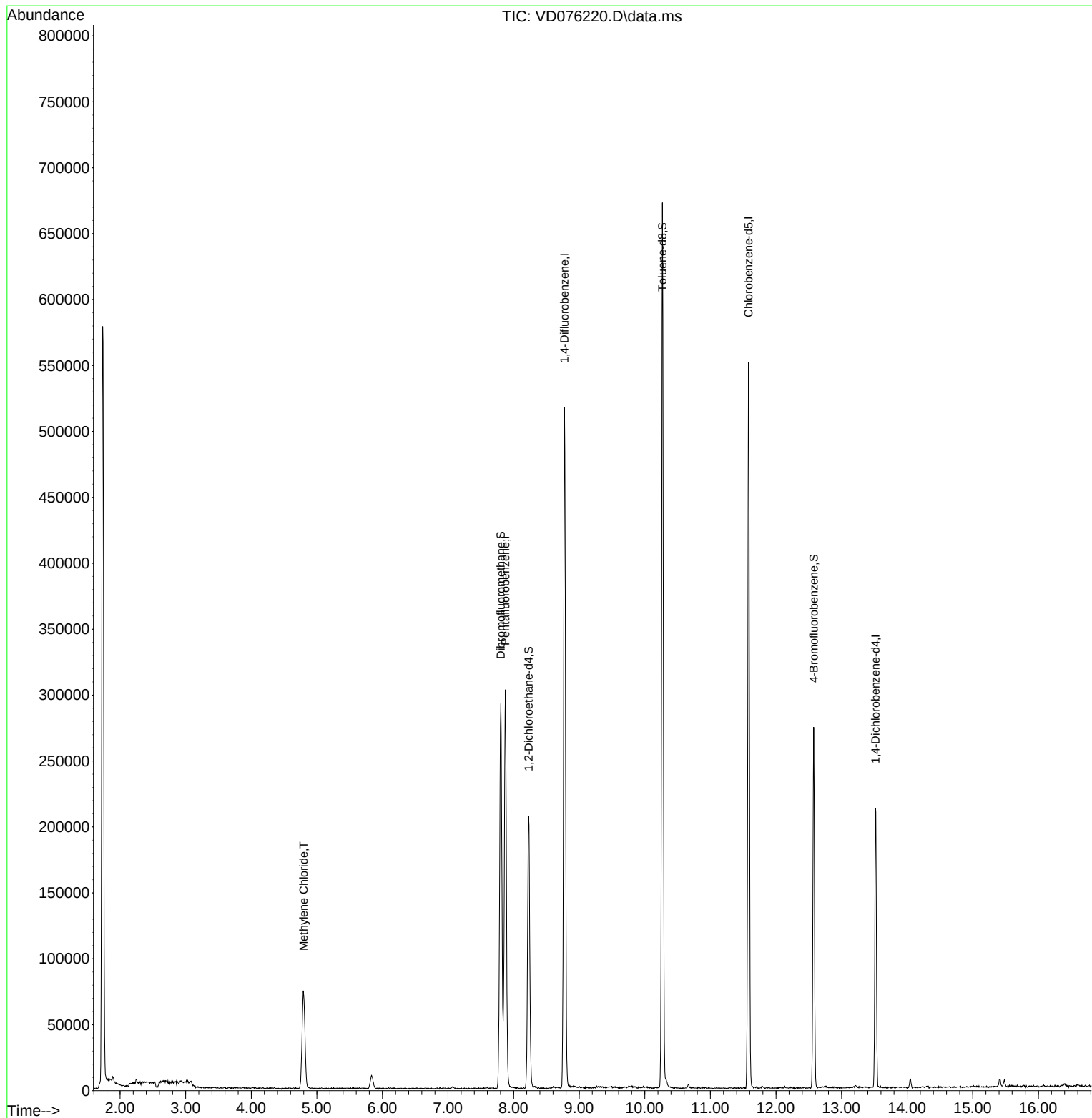
Internal Standards						
1) Pentafluorobenzene	7.875	168	237513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	497472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	340843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	158436	69.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.040%
35) Dibromofluoromethane	7.805	113	220281	64.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.120%
50) Toluene-d8	10.269	98	488508	36.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.880%
62) 4-Bromofluorobenzene	12.575	95	87777	23.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.140%
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	64608	10.629	ug/l	# 76

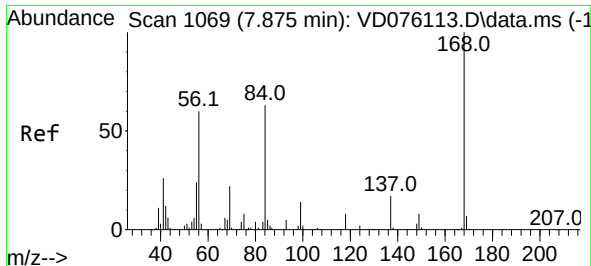
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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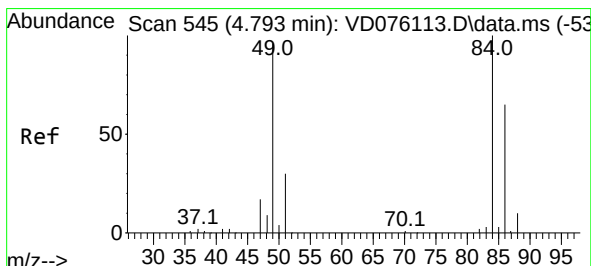
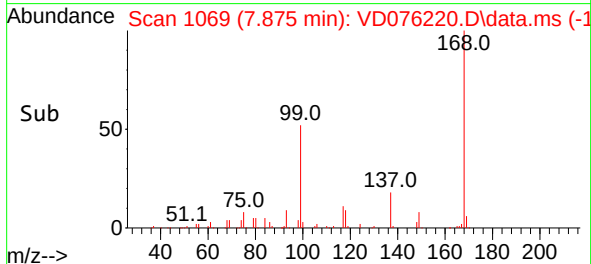
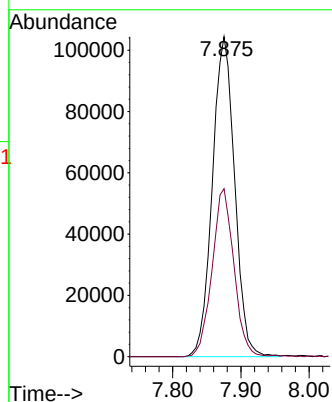
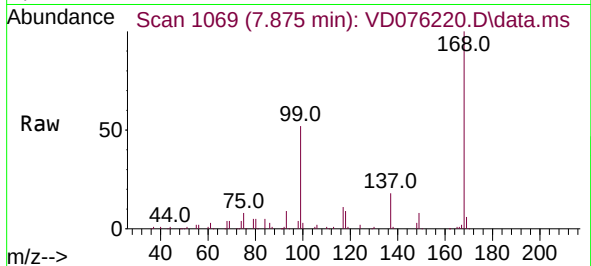




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076220.D
Acq: 24 May 2023 18:09

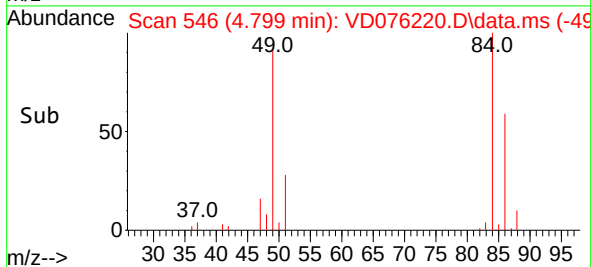
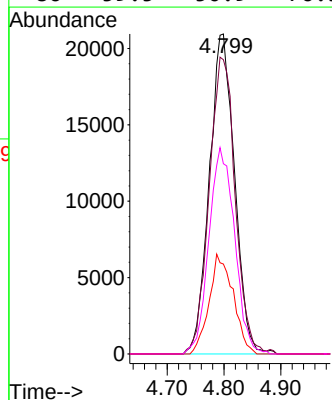
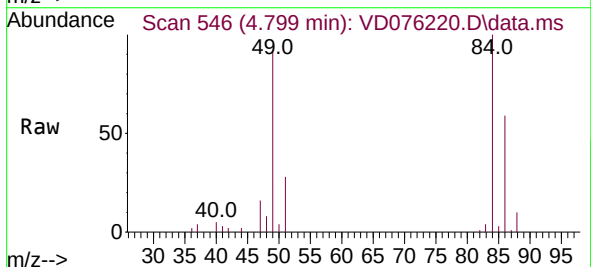
Instrument :
MSVOA_D
ClientSampleId :
290-328

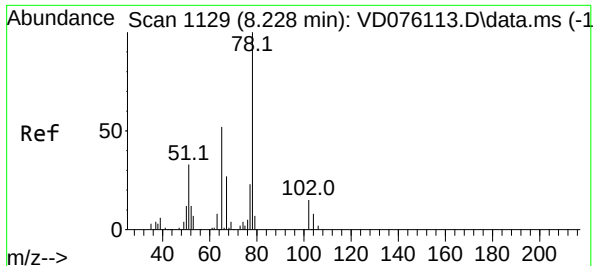
Tgt Ion:168 Resp: 237513
Ion Ratio Lower Upper
168 100
99 52.5 43.8 65.6



#20
Methylene Chloride
Concen: 10.629 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076220.D
Acq: 24 May 2023 18:09

Tgt Ion: 84 Resp: 64608
Ion Ratio Lower Upper
84 100
49 91.9 106.4 159.6#
51 28.1 32.4 48.6#
86 59.5 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 69.020 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076220.D

Acq: 24 May 2023 18:09

Instrument :

MSVOA_D

ClientSampleId :

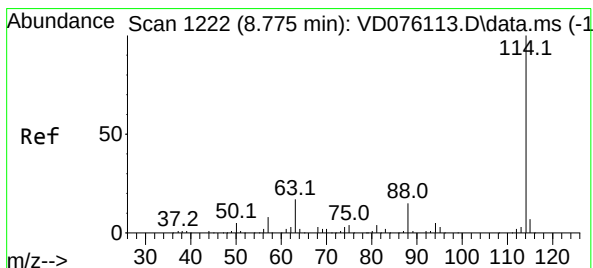
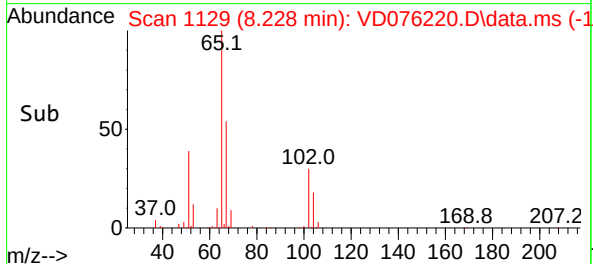
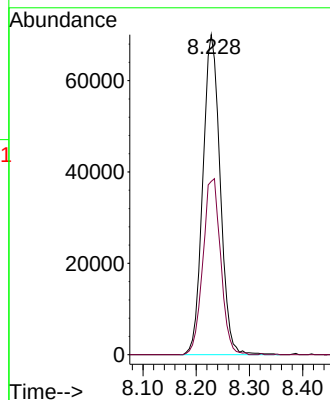
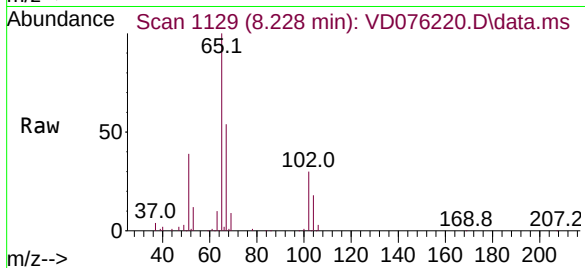
290-328

Tgt Ion: 65 Resp: 158436

Ion Ratio Lower Upper

65 100

67 56.5 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: VD076220.D

Acq: 24 May 2023 18:09

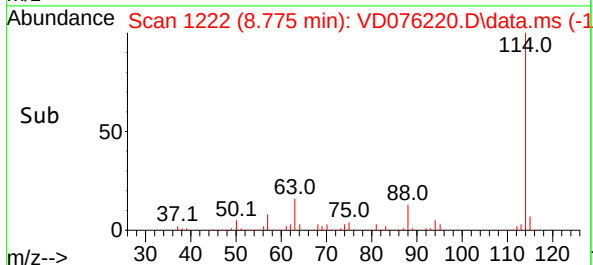
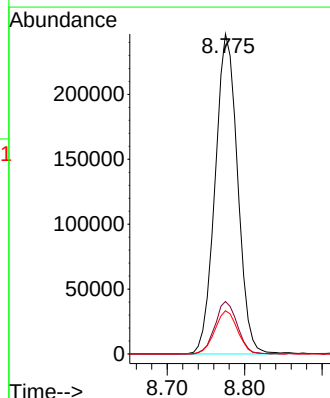
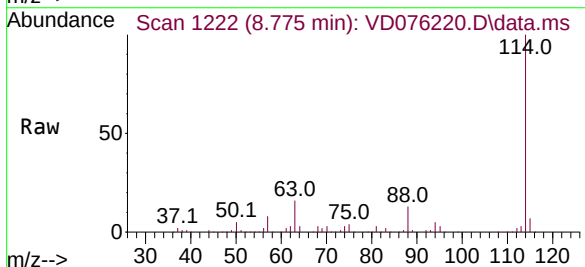
Tgt Ion: 114 Resp: 497472

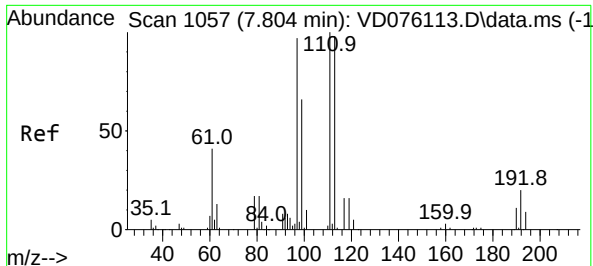
Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 13.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 64.061 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076220.D

Acq: 24 May 2023 18:09

Instrument :

MSVOA_D

ClientSampleId :

290-328

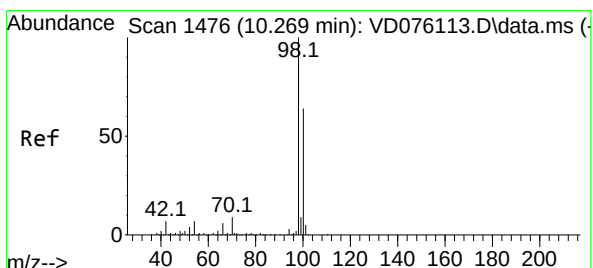
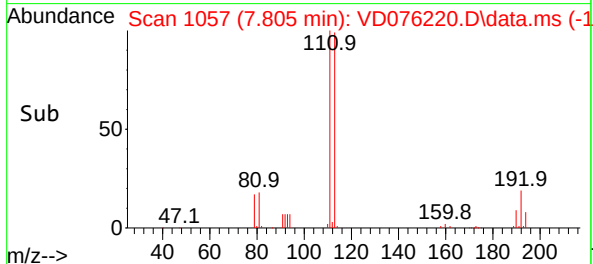
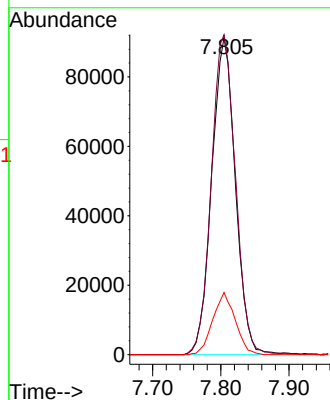
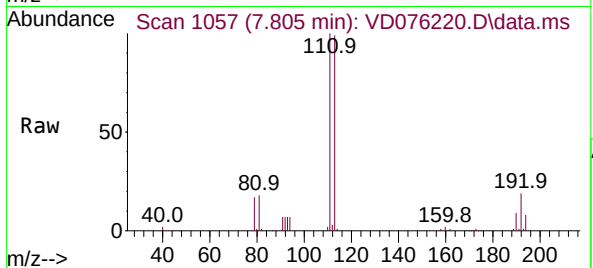
Tgt Ion:113 Resp: 220281

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.7 15.2 22.8



#50

Toluene-d8

Concen: 36.443 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076220.D

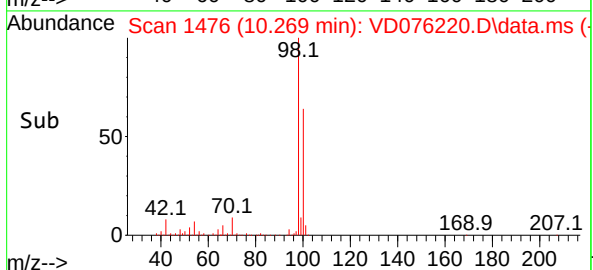
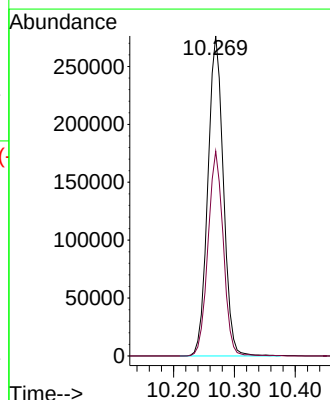
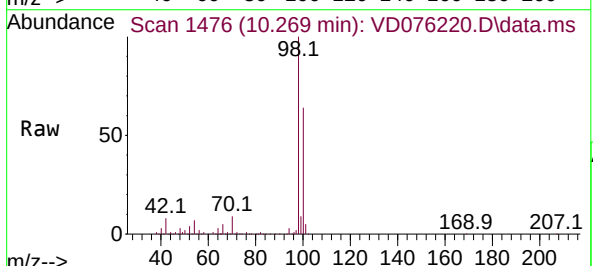
Acq: 24 May 2023 18:09

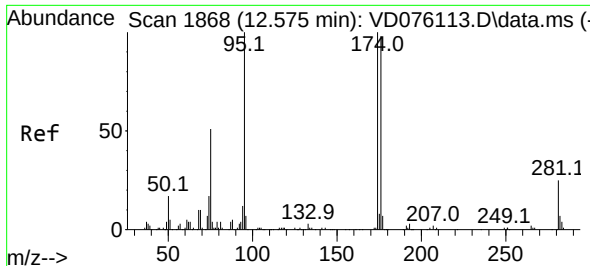
Tgt Ion: 98 Resp: 488508

Ion Ratio Lower Upper

98 100

100 63.0 52.1 78.1

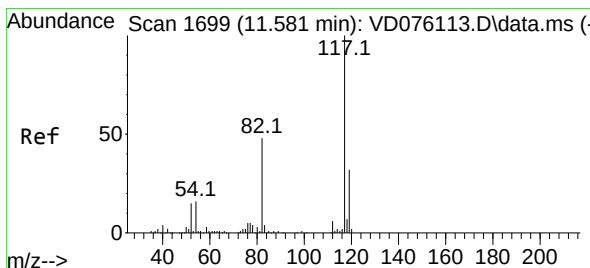
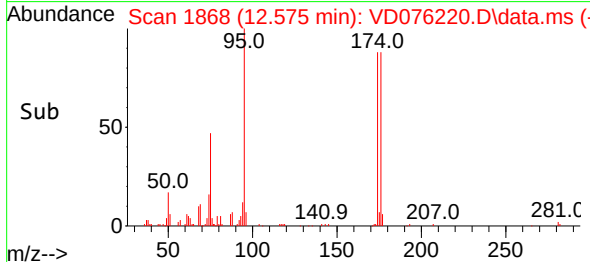
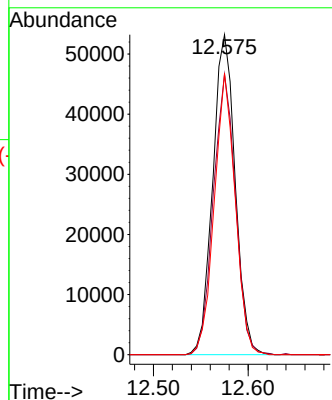
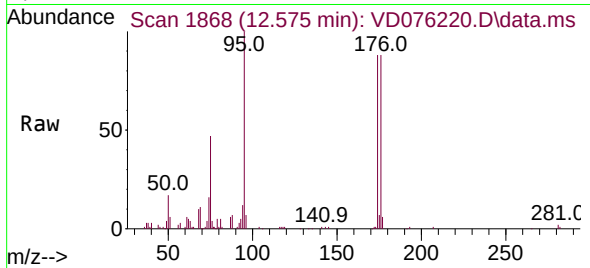




#62
4-Bromofluorobenzene
Concen: 23.573 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076220.D
Acq: 24 May 2023 18:09

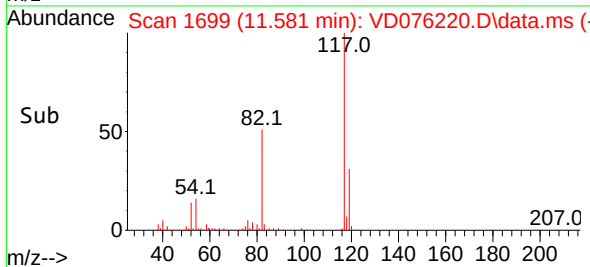
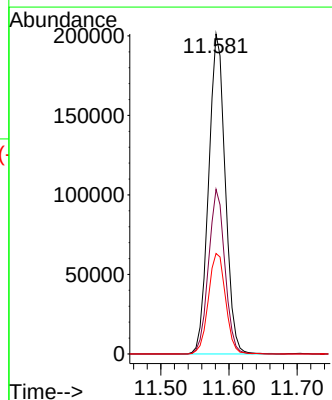
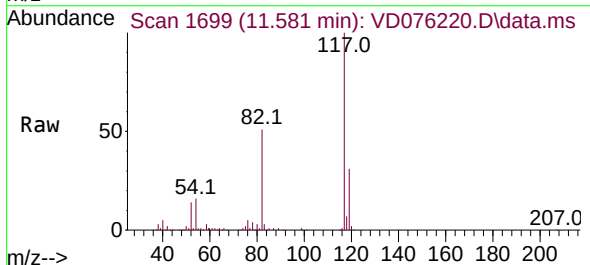
Instrument :
MSVOA_D
ClientSampleId :
290-328

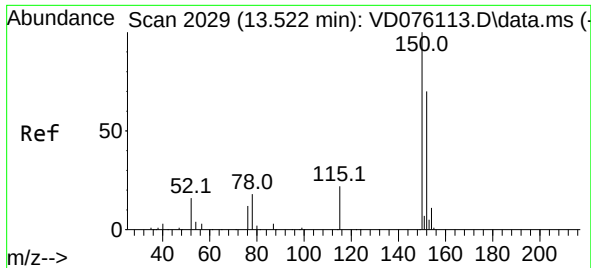
Tgt Ion:	95	Resp:	87777
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	164.0
176	81.9	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076220.D
Acq: 24 May 2023 18:09

Tgt Ion:	117	Resp:	340843
Ion	Ratio	Lower	Upper
117	100		
82	51.4	44.0	66.0
119	31.4	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: VD076220.D
 Acq: 24 May 2023 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 290-328

Tgt Ion:152 Resp: 62423
 Ion Ratio Lower Upper
 152 100
 115 54.9 30.1 90.3
 150 157.1 0.0 364.8

