

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076200.D
 Acq On : 23 May 2023 18:30
 Operator : KP/SY
 Sample : 02864-07
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-BIN

Quant Time: May 24 06:42:51 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)

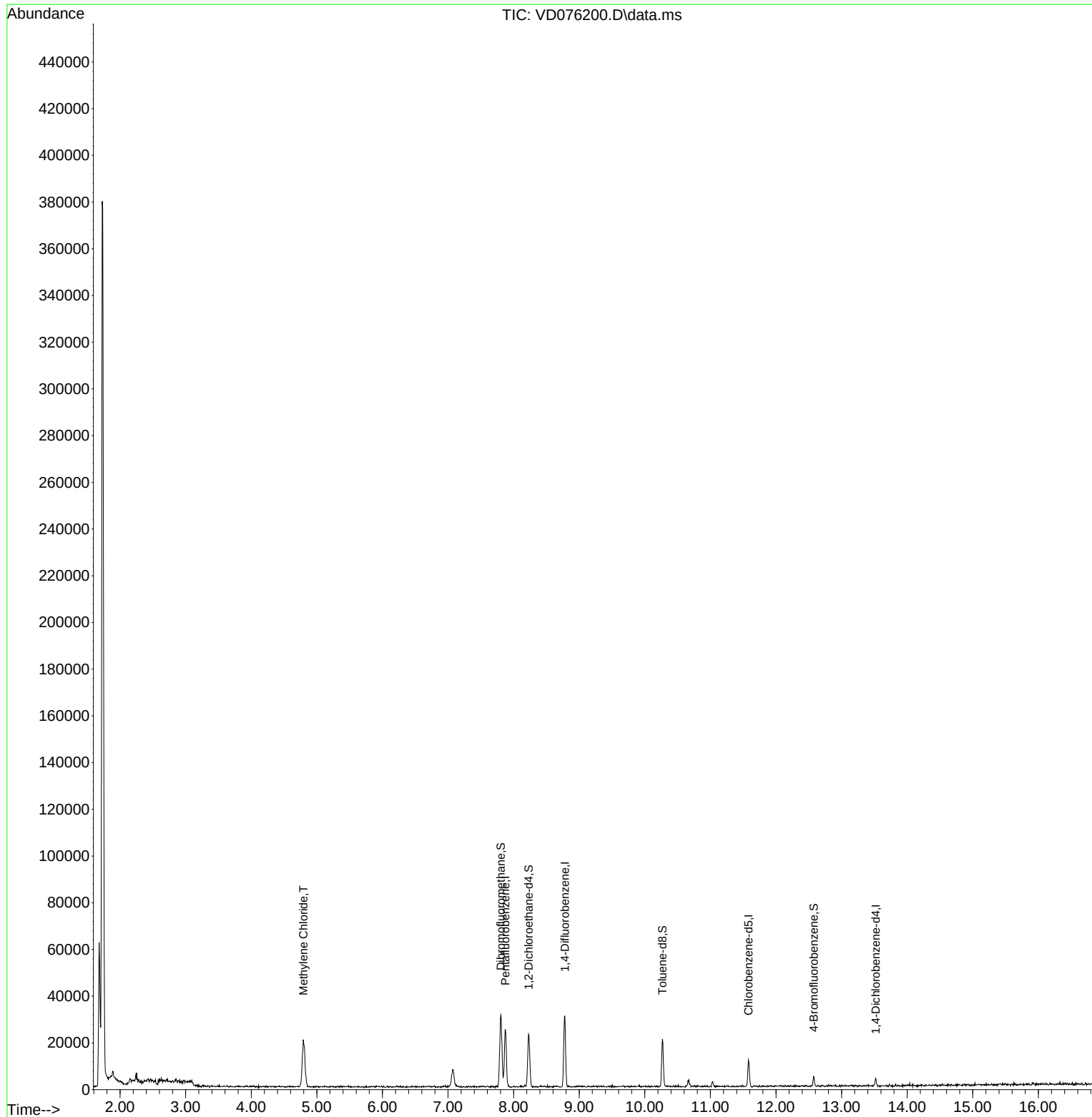
Internal Standards						
1) Pentafluorobenzene	7.875	168	19942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	29884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7347	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17902	92.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 185.760%#	
35) Dibromofluoromethane	7.805	113	22522	109.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 218.060%#	
50) Toluene-d8	10.269	98	15588	19.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 38.720%#	
62) 4-Bromofluorobenzene	12.575	95	1525	6.818	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 13.640%#	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	16663	56.404	ug/l	# 71

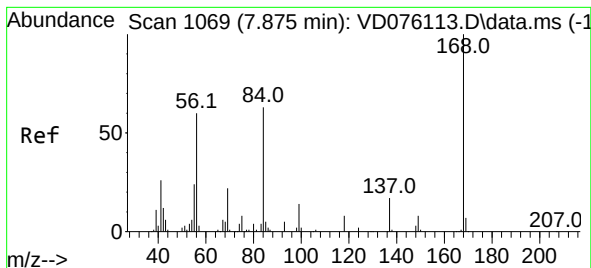
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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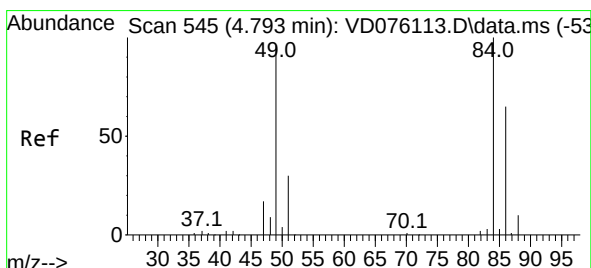
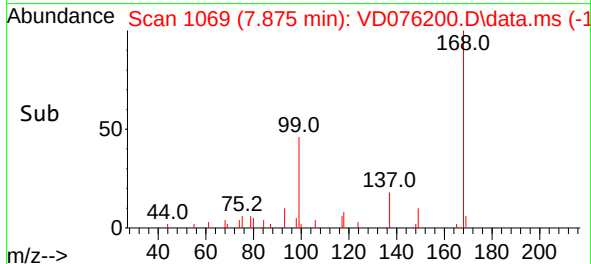
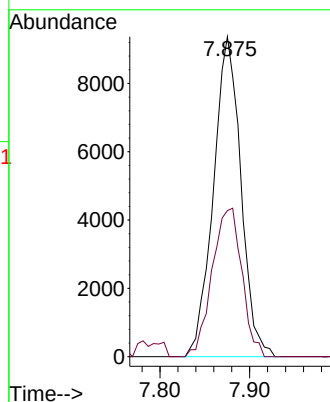
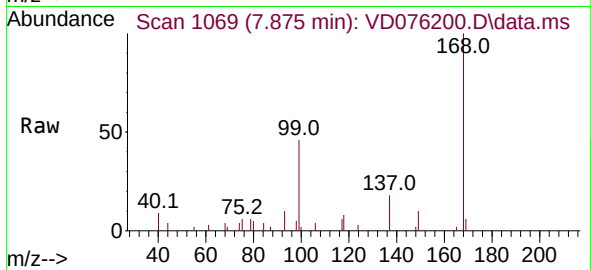




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076200.D
Acq: 23 May 2023 18:30

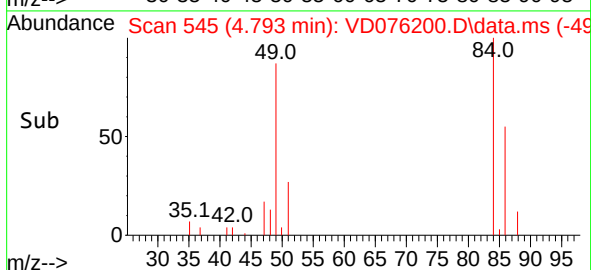
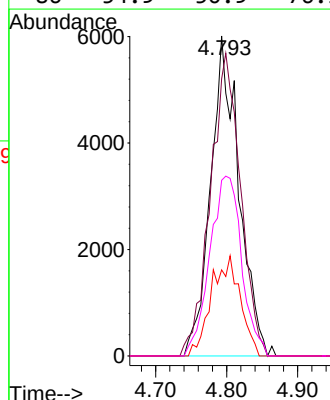
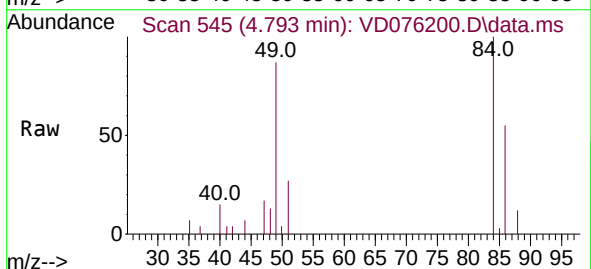
Instrument :
MSVOA_D
ClientSampleId :
SOIL-BIN

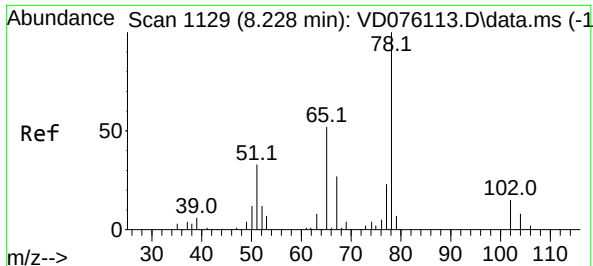
Tgt Ion:168 Resp: 19942
Ion Ratio Lower Upper
168 100
99 45.7 43.8 65.6



#20
Methylene Chloride
Concen: 56.404 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076200.D
Acq: 23 May 2023 18:30

Tgt Ion: 84 Resp: 16663
Ion Ratio Lower Upper
84 100
49 86.6 106.4 159.6#
51 26.9 32.4 48.6#
86 54.9 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 92.884 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076200.D

Acq: 23 May 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

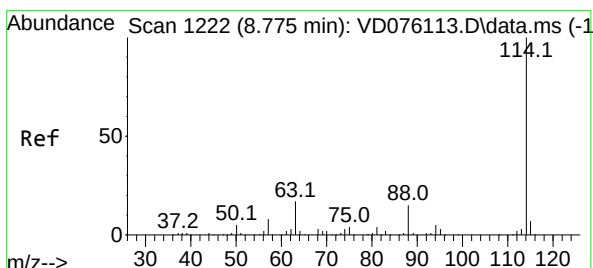
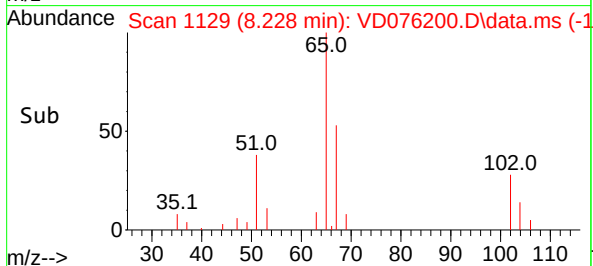
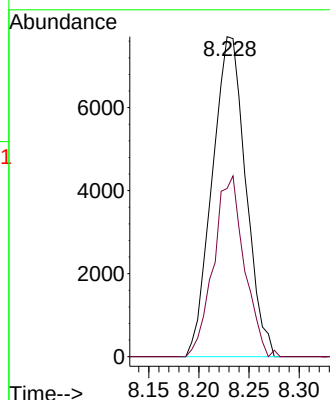
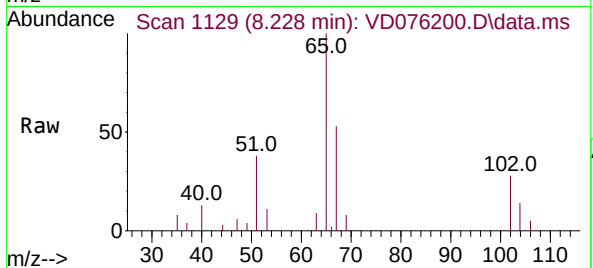
SOIL-BIN

Tgt Ion: 65 Resp: 17902

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076200.D

Acq: 23 May 2023 18:30

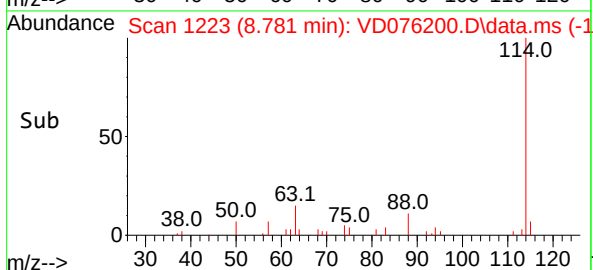
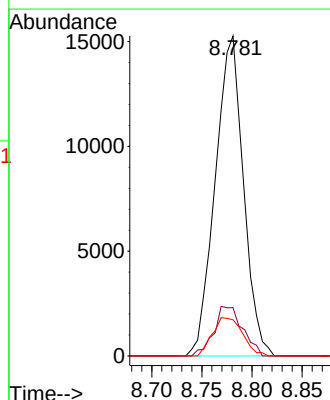
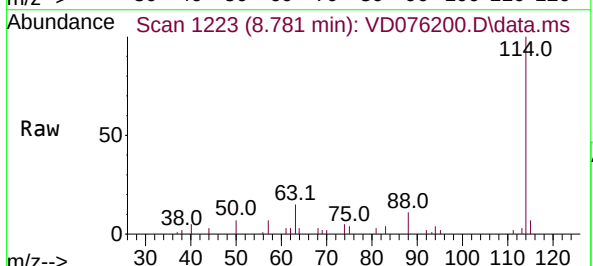
Tgt Ion: 114 Resp: 29884

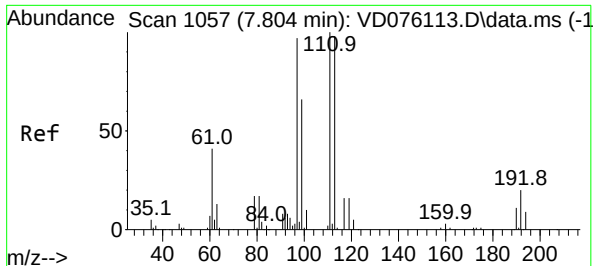
Ion Ratio Lower Upper

114 100

63 15.1 0.0 41.6

88 11.3 0.0 30.6

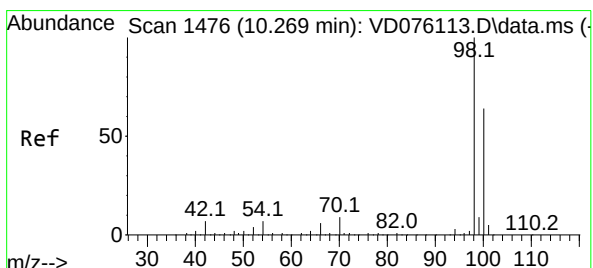
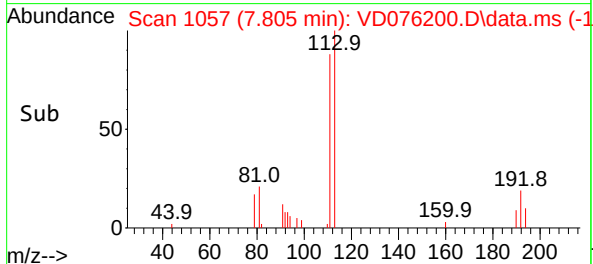
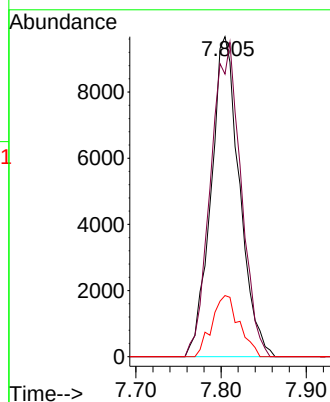
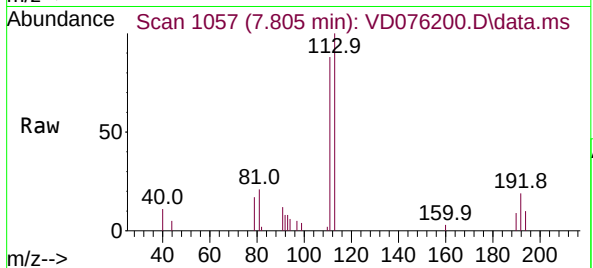




#35
 Dibromofluoromethane
 Concen: 109.032 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076200.D
 Acq: 23 May 2023 18:30

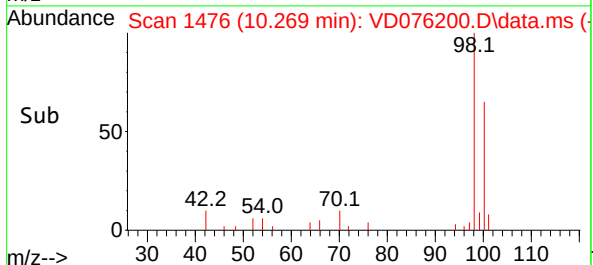
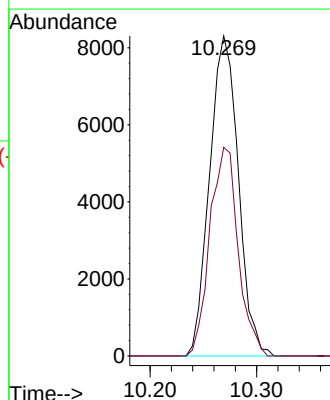
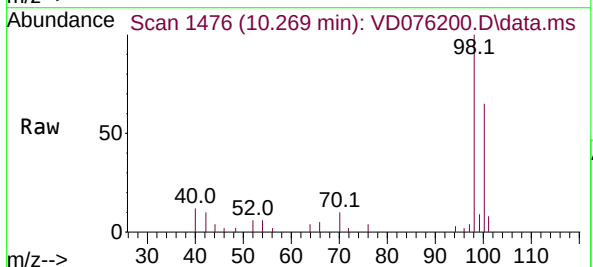
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-BIN

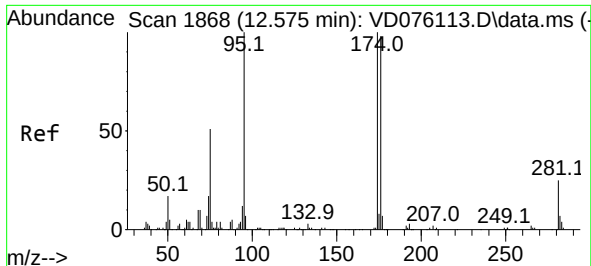
Tgt Ion:113	Resp:	22522
Ion	Ratio	Lower Upper
113	100	
111	103.9	81.4 122.0
192	18.3	15.2 22.8



#50
 Toluene-d8
 Concen: 19.358 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD076200.D
 Acq: 23 May 2023 18:30

Tgt Ion: 98	Resp:	15588
Ion	Ratio	Lower Upper
98	100	
100	64.1	52.1 78.1

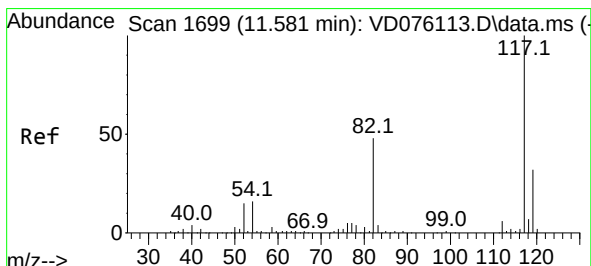
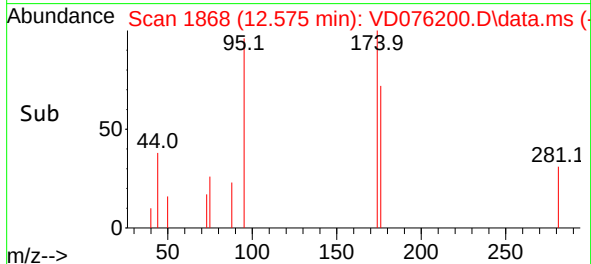
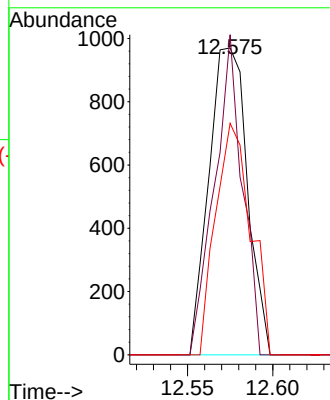
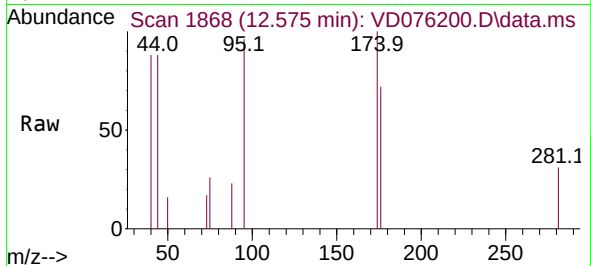




#62
4-Bromofluorobenzene
Concen: 6.818 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076200.D
Acq: 23 May 2023 18:30

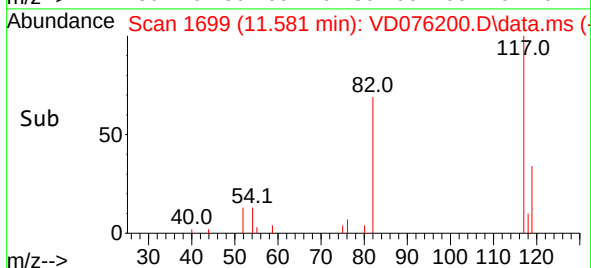
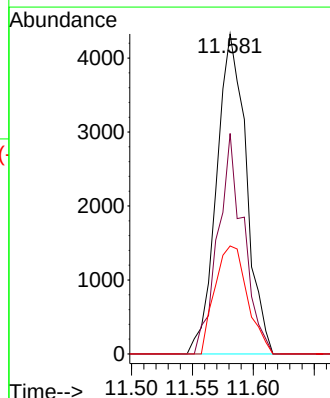
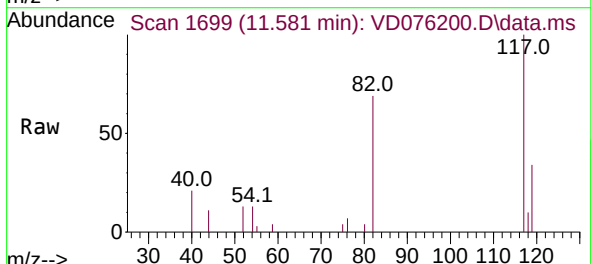
Instrument :
MSVOA_D
ClientSampleId :
SOIL-BIN

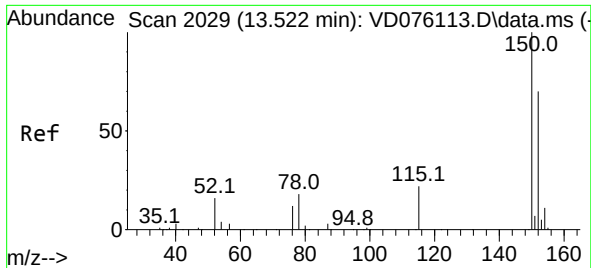
Tgt Ion: 95	Resp: 1525
Ion Ratio	Lower Upper
95 100	
174 75.8	0.0 164.0
176 69.0	0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076200.D
Acq: 23 May 2023 18:30

Tgt Ion:117	Resp:	7347	
Ion	Ratio	Lower	Upper
117	100		
82	68.9	44.0	66.0#
119	33.7	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD076200.D

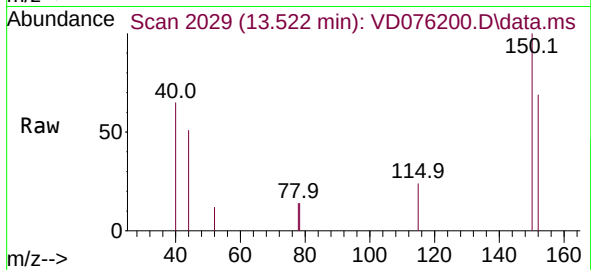
Acq: 23 May 2023 18:30

Instrument :

MSVOA_D

ClientSampleId :

SOIL-BIN



Tgt Ion:152 Resp: 1222

Ion Ratio Lower Upper

152 100

115 39.0 30.1 90.3

150 161.3 0.0 364.8

