

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072136.D
 Acq On : 01 Mar 2022 13:36
 Operator : VA/SY
 Sample : N1650-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NW-SURFICIAL-SOIL-(NW-SS)

Quant Time: Mar 02 06:08:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

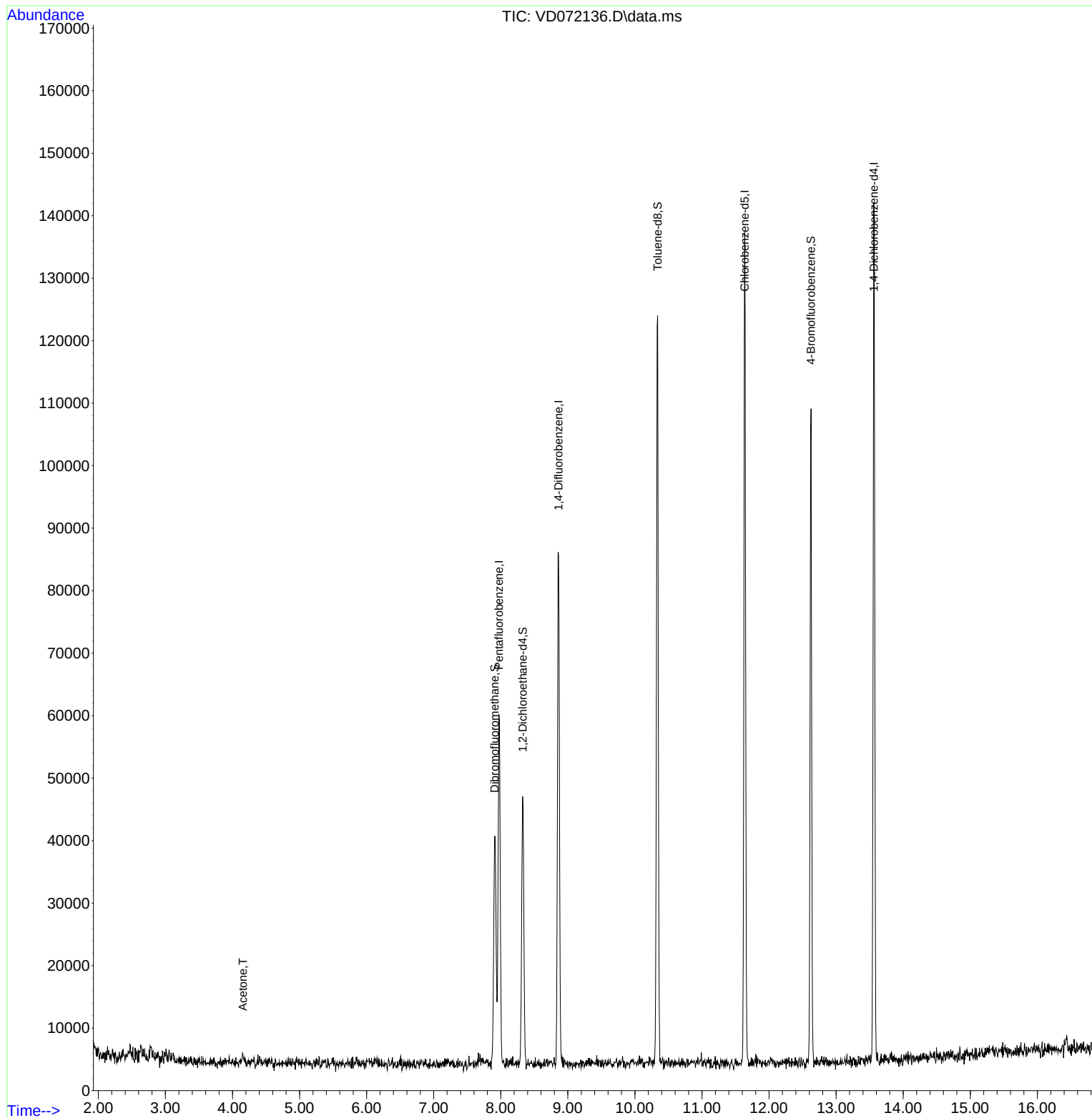
Internal Standards						
1) Pentafluorobenzene	7.973	168	39465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	70102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	75826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	37121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	35874	87.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 175.260%#	
35) Dibromofluoromethane	7.908	113	27543	64.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.700%	
50) Toluene-d8	10.338	98	84694	53.772	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.540%	
62) 4-Bromofluorobenzene	12.626	95	33523	57.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.880%	
Target Compounds						Qvalue
16) Acetone	4.156	43	2113	23.883	ug/l	97

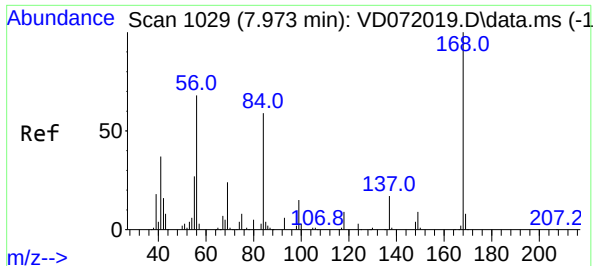
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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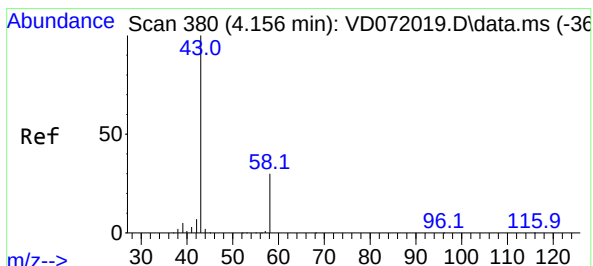
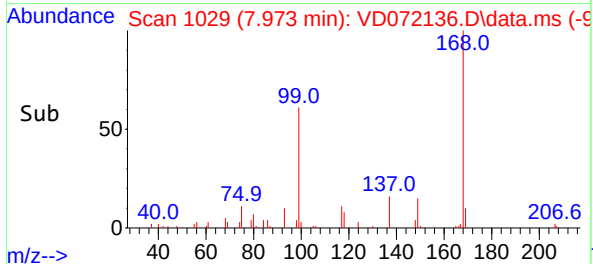
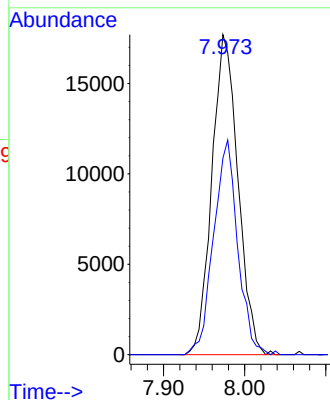
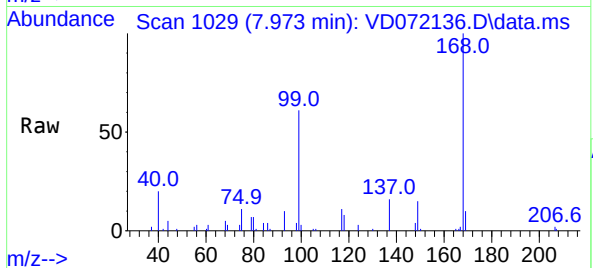




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072136.D
Acq: 01 Mar 2022 13:36

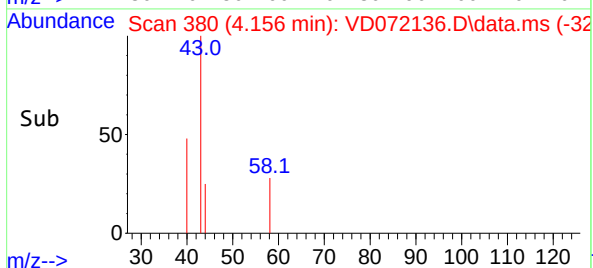
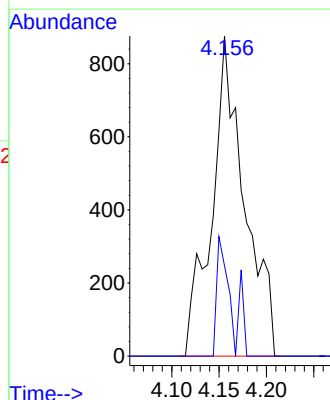
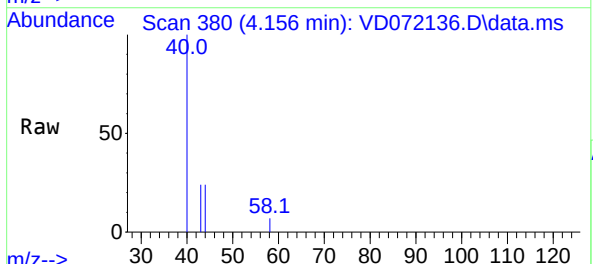
Instrument :
MSVOA_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)

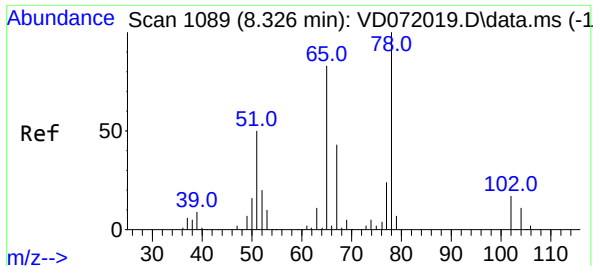
Tgt Ion:168 Resp: 39465
Ion Ratio Lower Upper
168 100
99 61.4 47.1 70.7



#16
Acetone
Concen: 23.883 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072136.D
Acq: 01 Mar 2022 13:36

Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
58 28.2 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 87.633 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD072136.D

Acq: 01 Mar 2022 13:36

Instrument :

MSVOA_D

ClientSampleId :

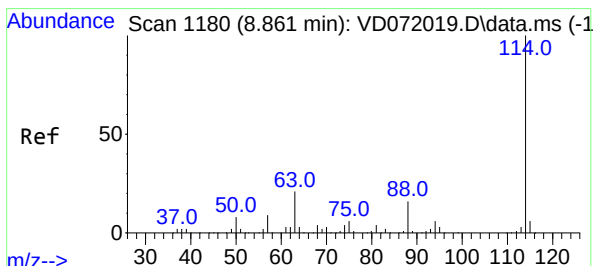
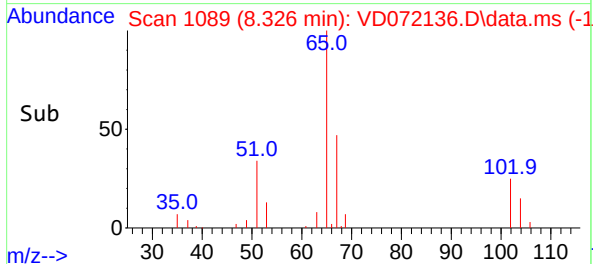
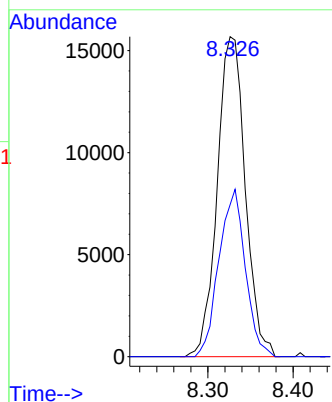
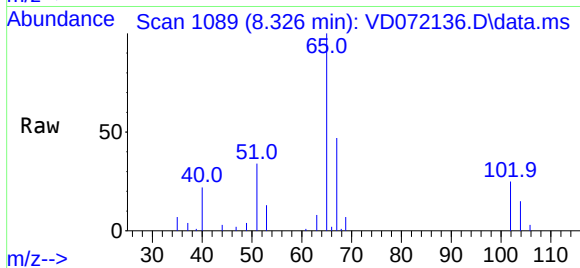
NW-SURFICIAL-SOIL-(NW-SS)

Tgt Ion: 65 Resp: 35874

Ion Ratio Lower Upper

65 100

67 49.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072136.D

Acq: 01 Mar 2022 13:36

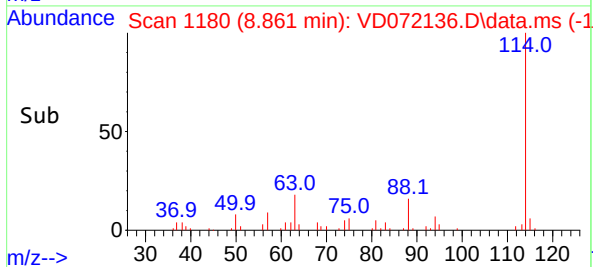
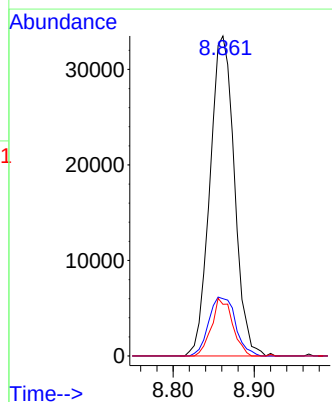
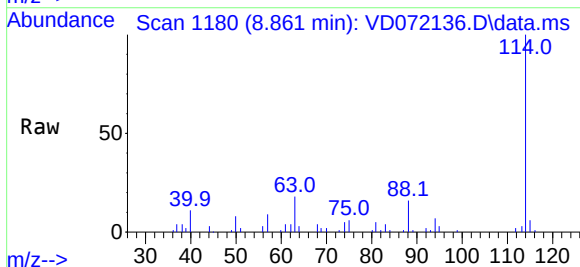
Tgt Ion: 114 Resp: 70102

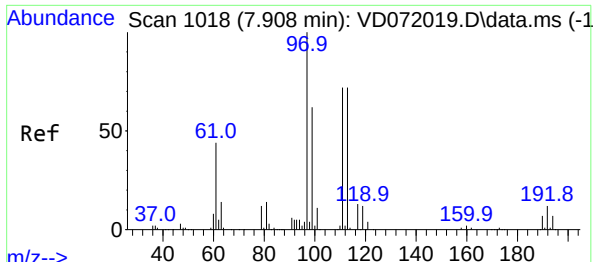
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.2

88 16.2 0.0 31.2

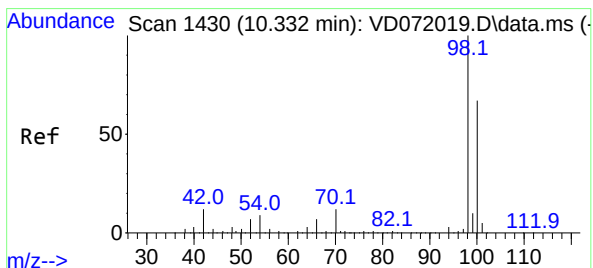
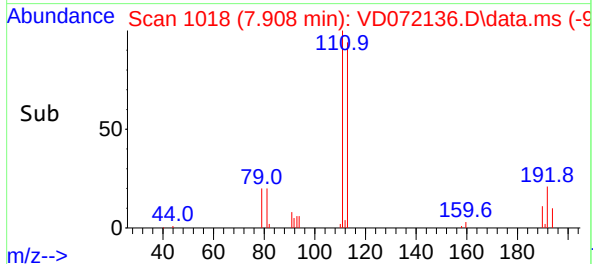
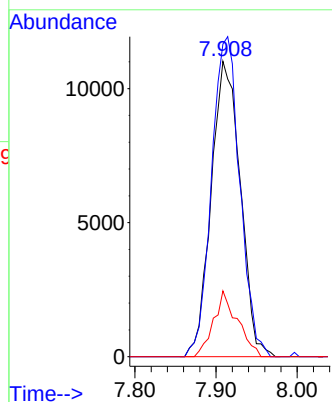
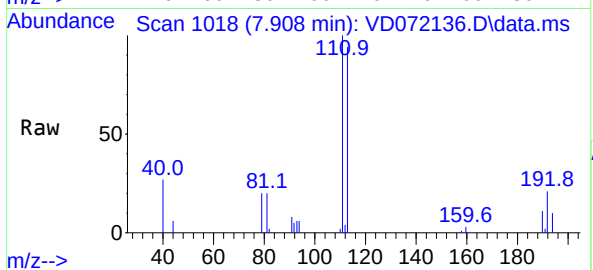




#35
Dibromofluoromethane
Concen: 64.849 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072136.D
Acq: 01 Mar 2022 13:36

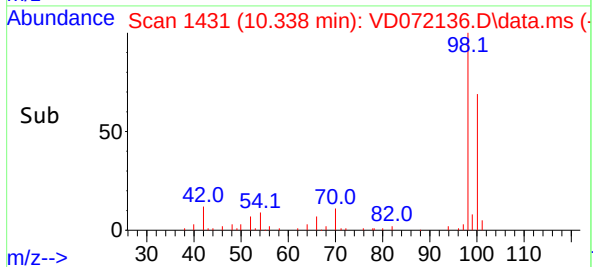
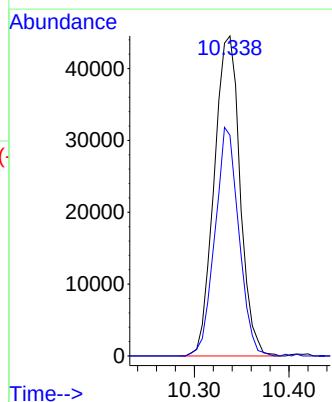
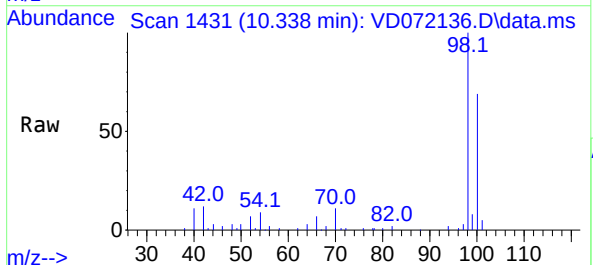
Instrument :
MSVOA_D
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NW-SURFICIAL-SOIL-(NW-SS)

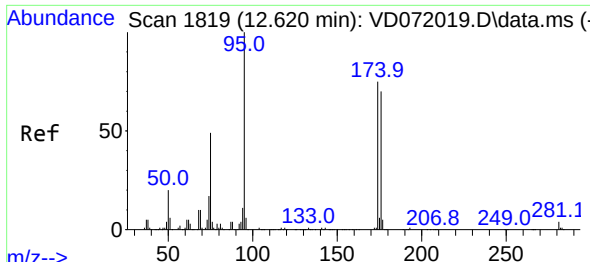
Tgt Ion:113 Resp: 27543
Ion Ratio Lower Upper
113 100
111 105.1 83.0 124.4
192 18.2 15.3 22.9



#50
Toluene-d8
Concen: 53.772 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072136.D
Acq: 01 Mar 2022 13:36

Tgt Ion: 98 Resp: 84694
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6

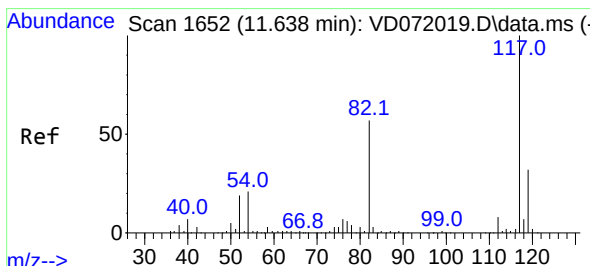
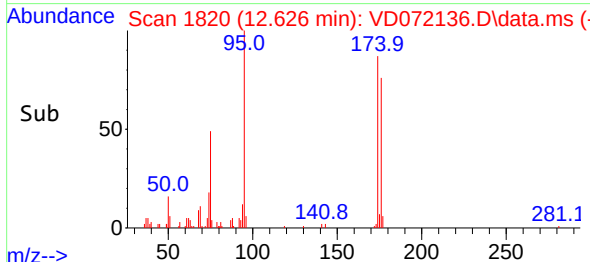
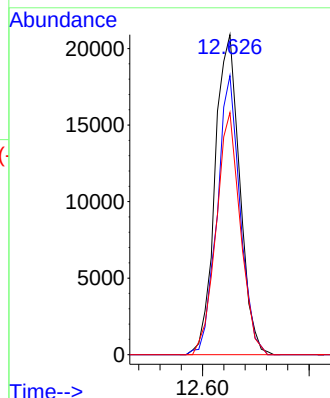
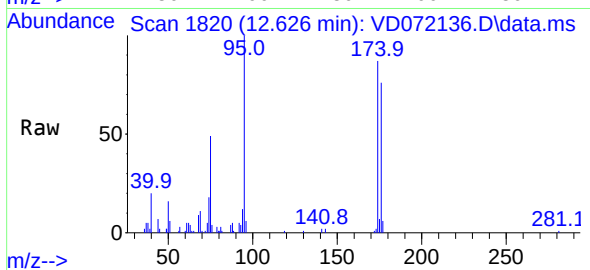




#62
4-Bromofluorobenzene
Concen: 57.942 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072136.D
Acq: 01 Mar 2022 13:36

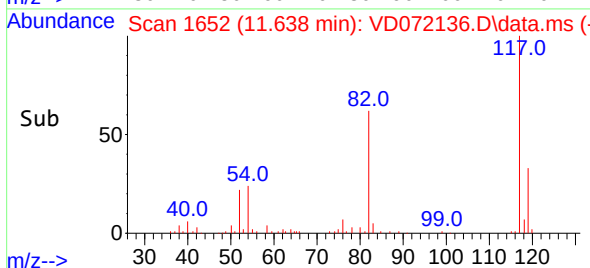
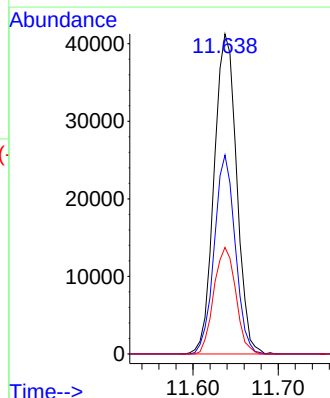
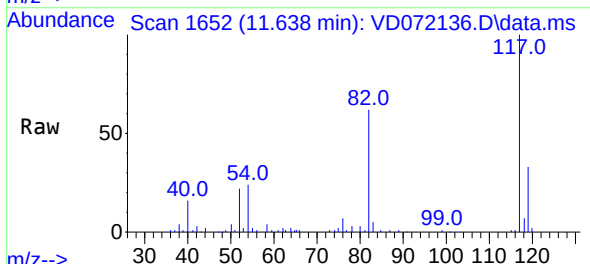
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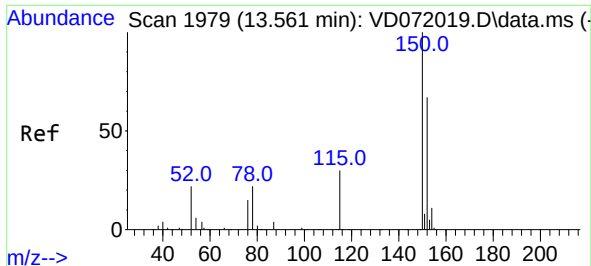
Tgt Ion:	95	Resp:	33523
Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	155.0
176	74.2	0.0	148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072136.D
Acq: 01 Mar 2022 13:36

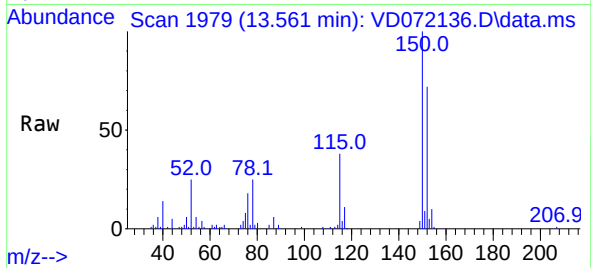
Tgt Ion:	117	Resp:	75826
Ion	Ratio	Lower	Upper
117	100		
82	62.1	45.4	68.0
119	33.3	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
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Instrument : MSVOA_D
 ClientSampleId : NW-SURFICIAL-SOIL-(NW-SS)



Tgt Ion:	152	Resp:	37121
Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.9	89.7
150	158.8	0.0	347.6

