

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067896.D
 Acq On : 07 Dec 2020 13:30
 Operator : VA/SY
 Sample : L4968-01
 Misc : 6.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HSD-SOIL

Quant Time: Dec 08 03:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	221491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	303181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	274313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	136329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	107914	45.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.76%
35) Dibromofluoromethane	7.92	113	90803	44.76	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.52%
50) Toluene-d8	10.34	98	340624	46.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.28%
62) 4-Bromofluorobenzene	12.64	95	122118	48.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.74%

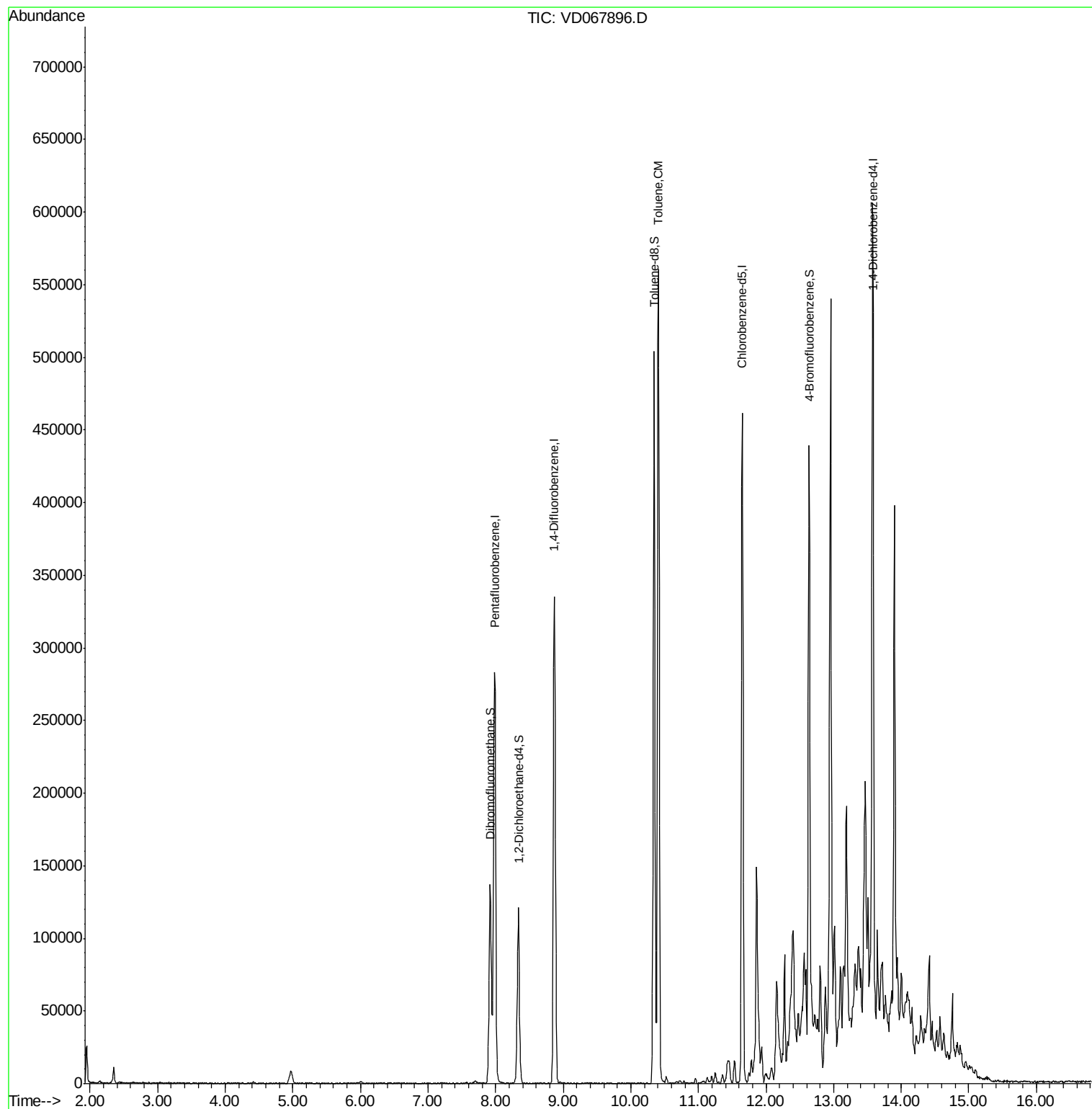
Target Compounds					Qvalue
52) Toluene	10.41	92	254379	50.662 ug/l	99

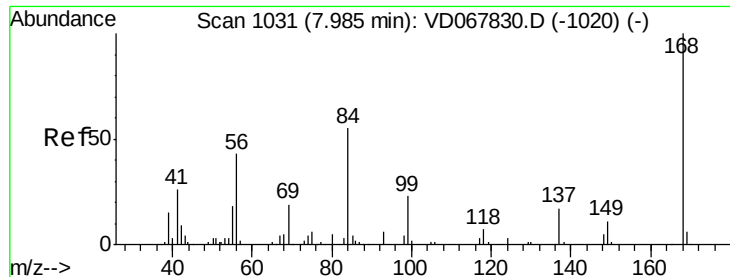
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067896.D

Acq: 07 Dec 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

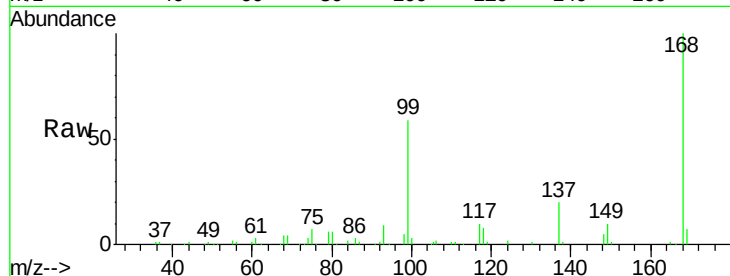
HSD-SOIL

Tot Ion:168 Resp: 221491

Ion Ratio Lower Upper

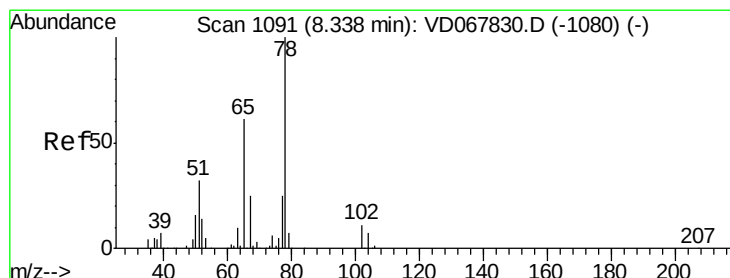
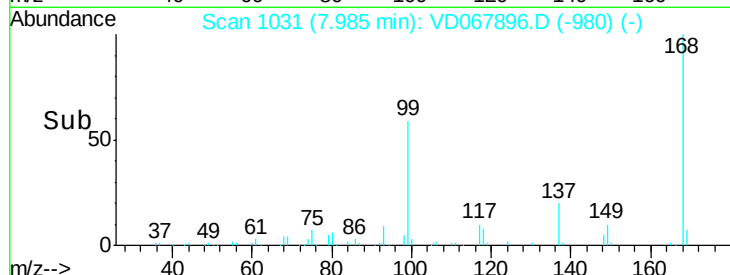
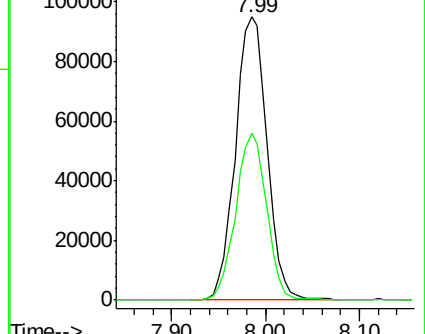
168 100

99 58.8 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 45.384 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067896.D

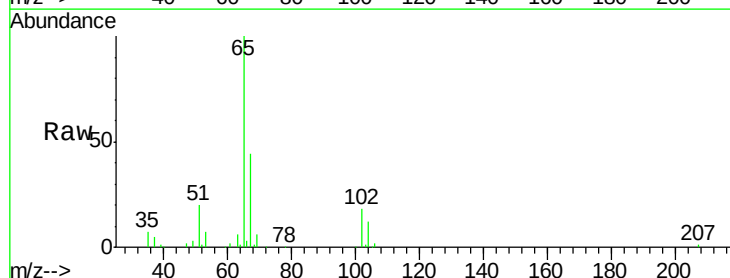
Acq: 07 Dec 2020 13:30

Tgt Ion: 65 Resp: 107914

Ion Ratio Lower Upper

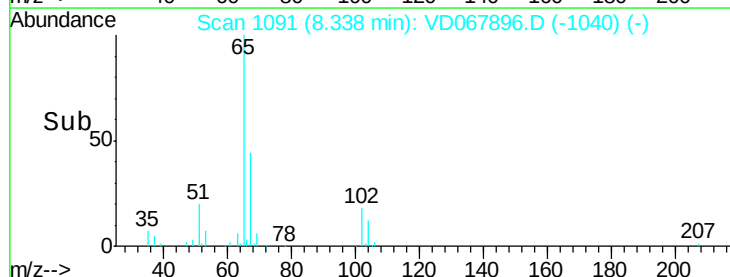
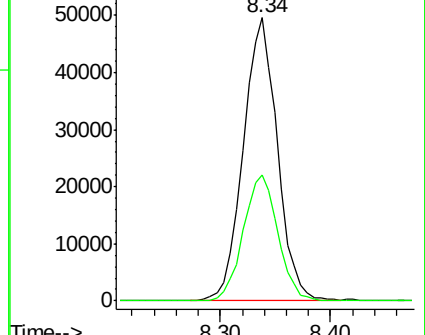
65 100

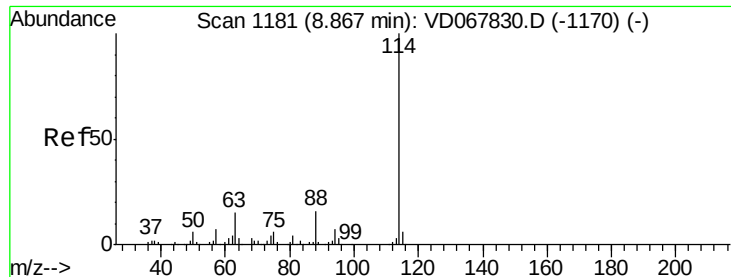
67 45.1 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

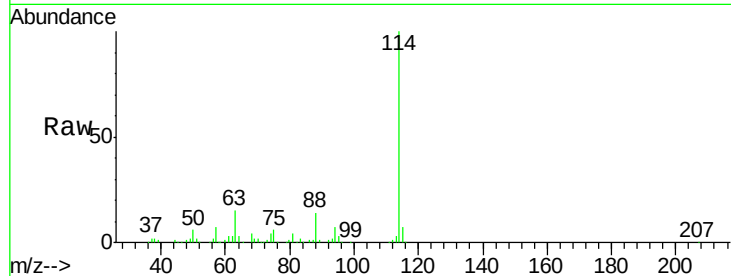




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067896.D
 Acq: 07 Dec 2020 13:30

Instrument :
 MSVOA_D
 ClientSampleId :
 HSD-SOIL

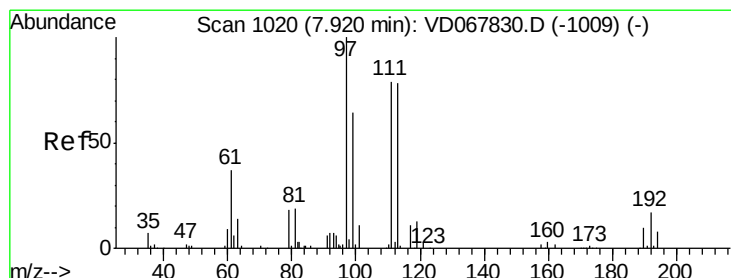
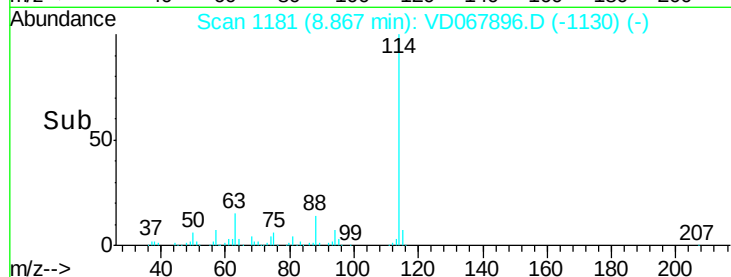
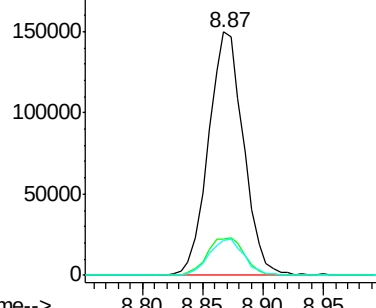
Tot Ion	Ratio	Lower	Upper
114	100		
63	15.1	0.0	30.8
88	14.2	0.0	31.8



Abundance Ion 113.90 (113.60 to 114.60): V

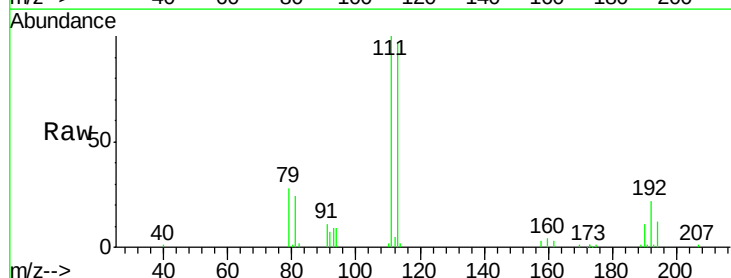
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 44.759 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067896.D
 Acq: 07 Dec 2020 13:30

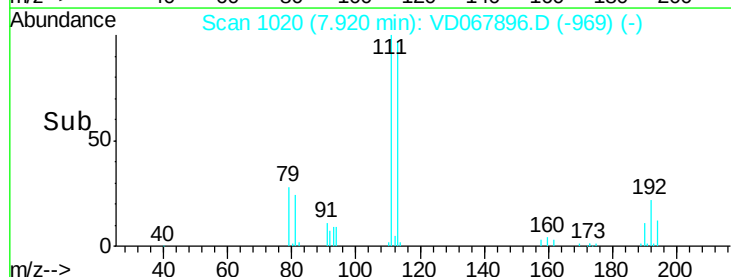
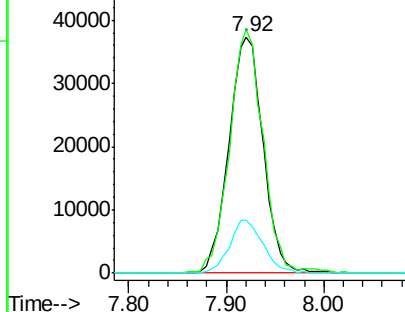
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.2	121.8
192	21.9	16.8	25.2

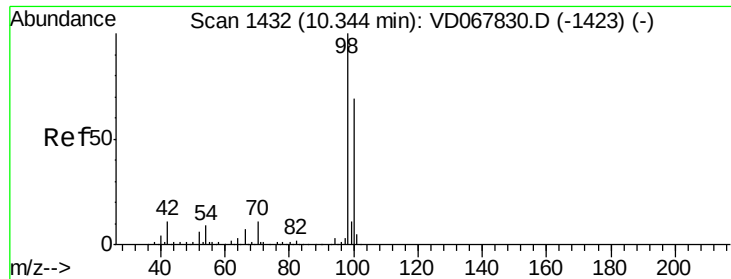


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.642 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067896.D

Acq: 07 Dec 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

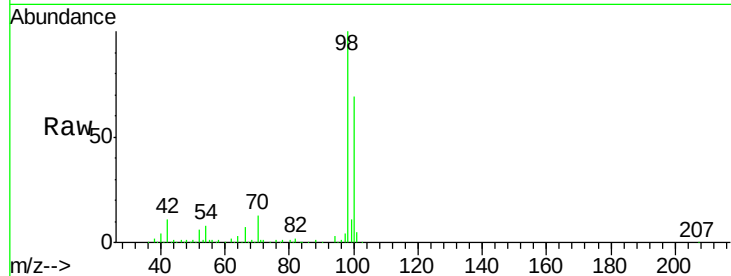
HSD-SOIL

Tot Ion: 98 Resp: 340624

Ion Ratio Lower Upper

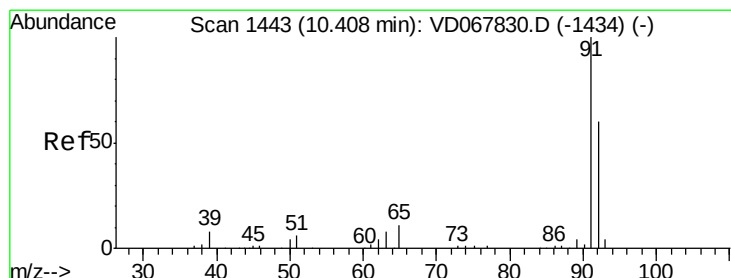
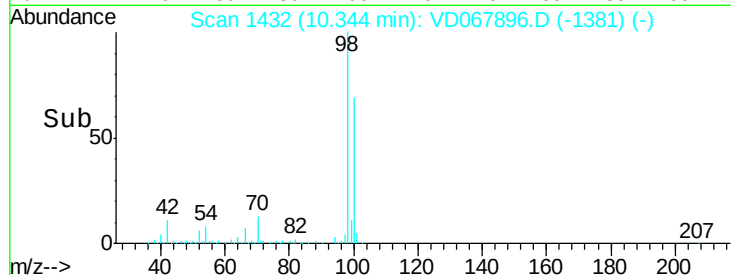
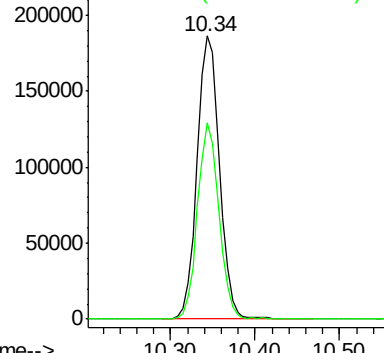
98 100

100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#52

Toluene

Concen: 50.662 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067896.D

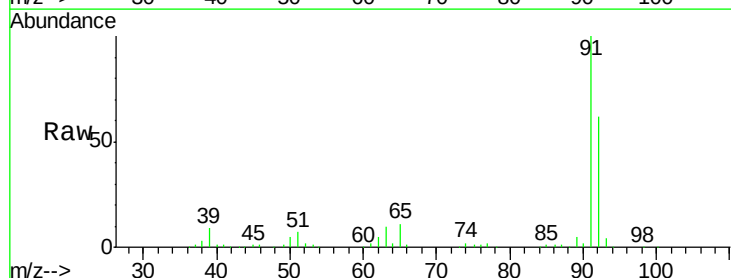
Acq: 07 Dec 2020 13:30

Tgt Ion: 92 Resp: 254379

Ion Ratio Lower Upper

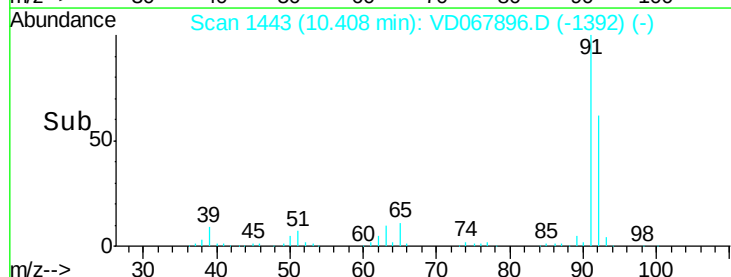
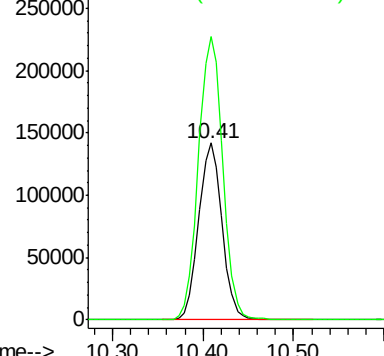
92 100

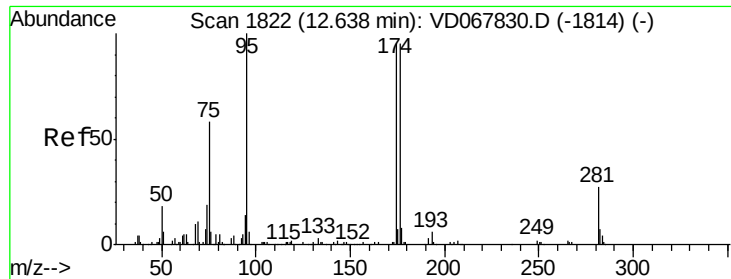
91 166.4 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VD0

Ion 91.00 (90.70 to 91.70): VD0

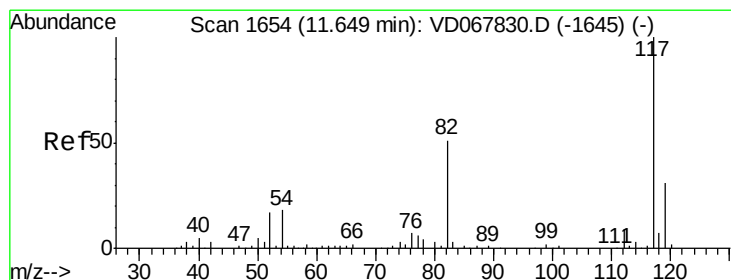
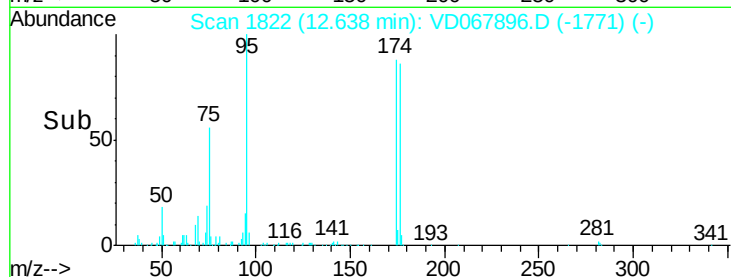
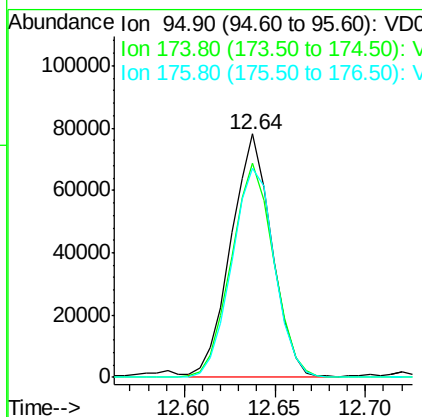
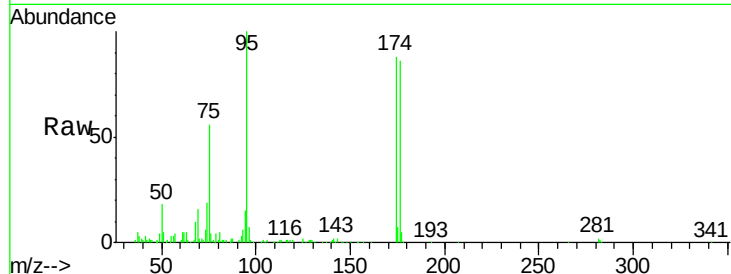




#62
4-Bromofluorobenzene
Concen: 48.366 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067896.D
Acq: 07 Dec 2020 13:30

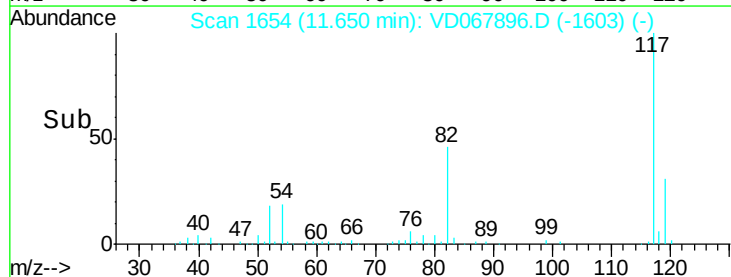
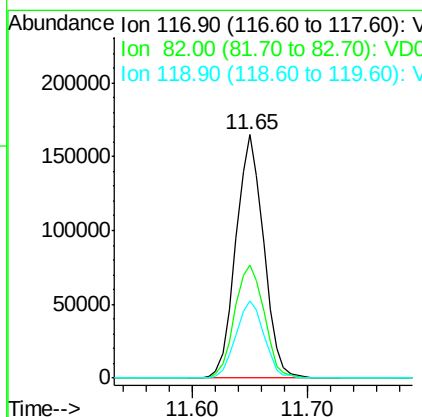
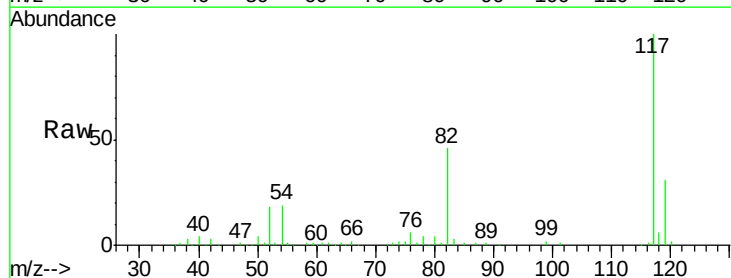
Instrument :
MSVOA_D
ClientSampleId :
HSD-SOIL

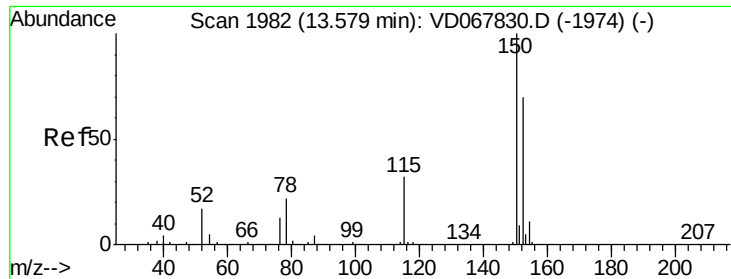
Tot Ion: 95 Resp: 122118
Ion Ratio Lower Upper
95 100
174 91.4 0.0 186.0
176 89.9 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067896.D
Acq: 07 Dec 2020 13:30

Tgt Ion: 117 Resp: 274313
Ion Ratio Lower Upper
117 100
82 46.5 40.6 60.8
119 31.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067896.D

Acq: 07 Dec 2020 13:30

Instrument :

MSVOA_D

ClientSampleId :

HSD-SOIL

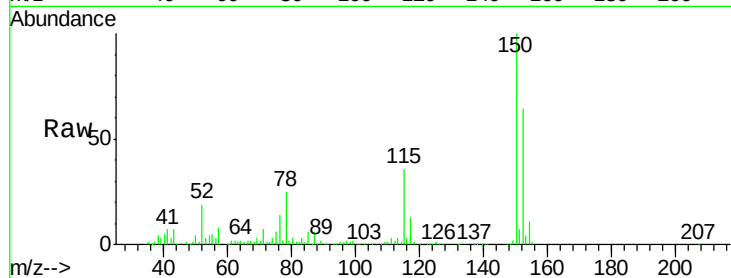
Tot Ion:152 Resp: 136329

Ion Ratio Lower Upper

152 100

115 59.1 29.1 87.4

150 158.2 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

