

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067619.D
 Acq On : 12 Nov 2020 13:24
 Operator : VA/SY
 Sample : L4704-01
 Misc : 4.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KL-SOIL

Quant Time: Nov 13 00:49:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

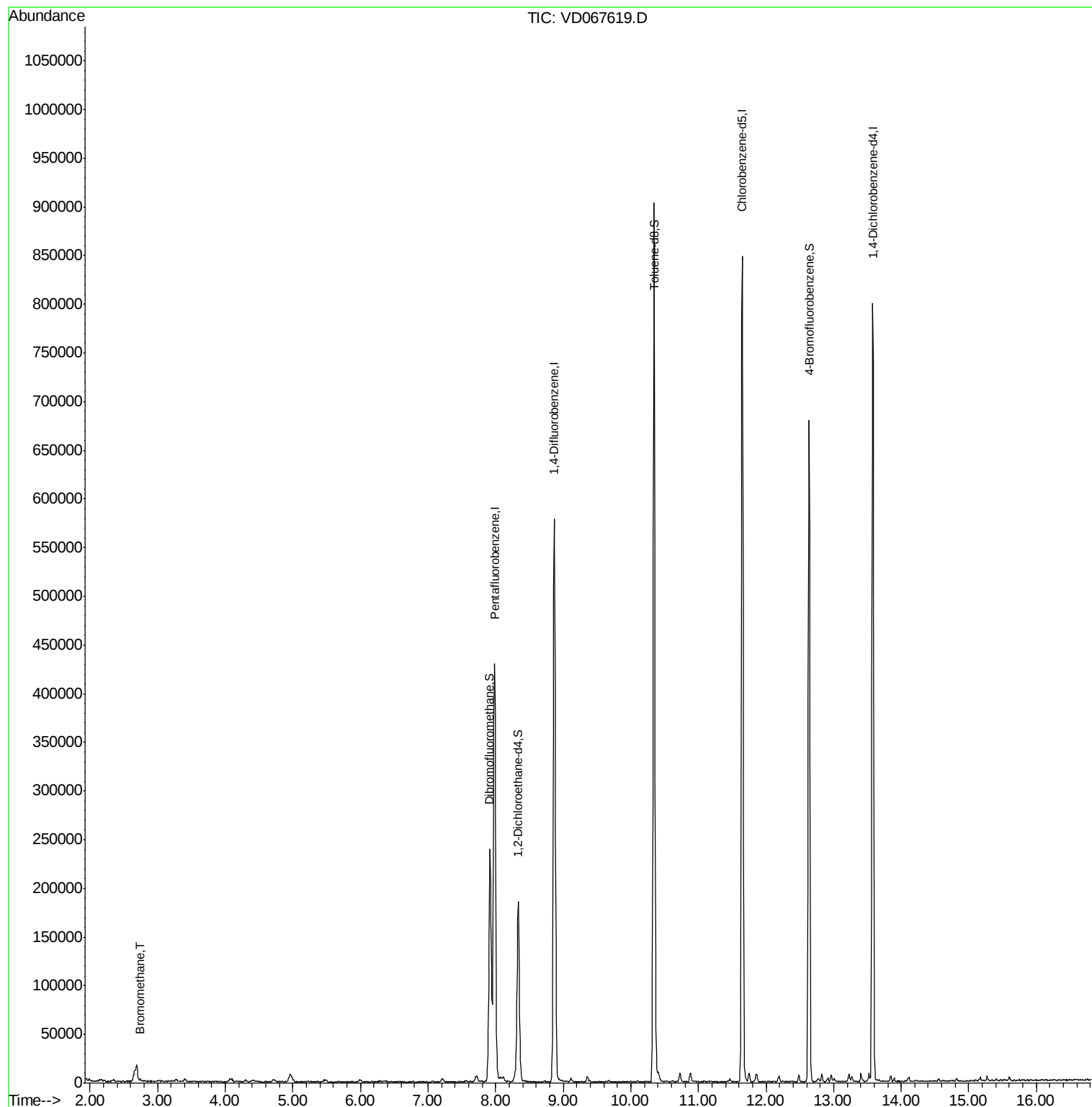
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	342963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	525841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	525996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	160489	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
35) Dibromofluoromethane	7.91	113	171374	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
50) Toluene-d8	10.34	98	620878	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
62) 4-Bromofluorobenzene	12.64	95	216692	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
Target Compounds						
5) Bromomethane	2.74	94	2541	1.317	ug/l	Qvalue 83

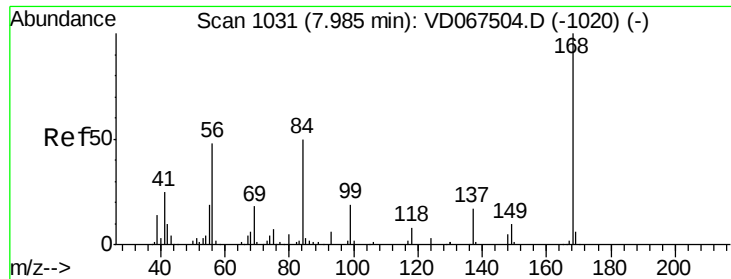
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111220\
Data File : VD067619.D
Acq On : 12 Nov 2020 13:24
Operator : VA/SY
Sample : L4704-01
Misc : 4.14G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
KL-SOIL

Quant Time: Nov 13 00:49:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067619.D

Acq: 12 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

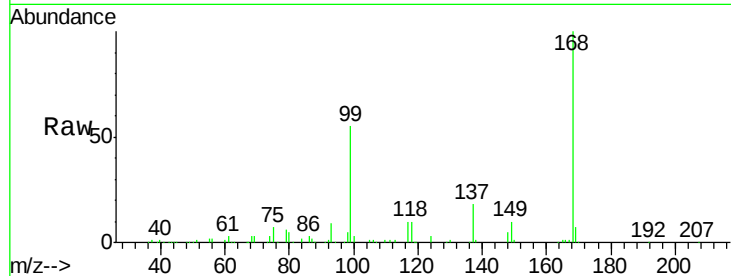
KL-SOIL

Tot Ion:168 Resp: 342963

Ion Ratio Lower Upper

168 100

99 54.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

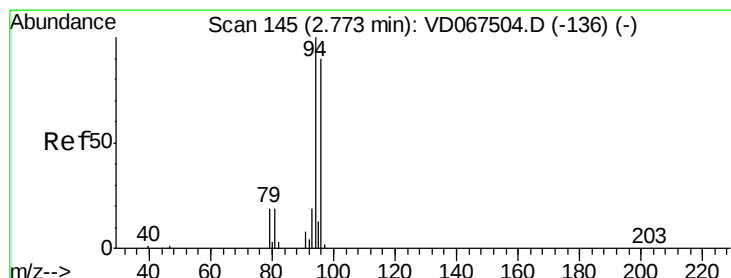
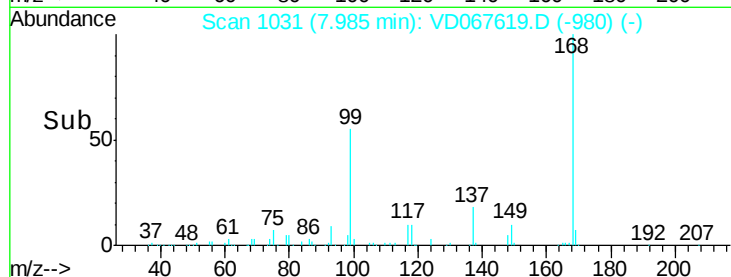
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 1.317 ug/l

RT: 2.74 min Scan# 140

Delta R.T. -0.03 min

Lab File: VD067619.D

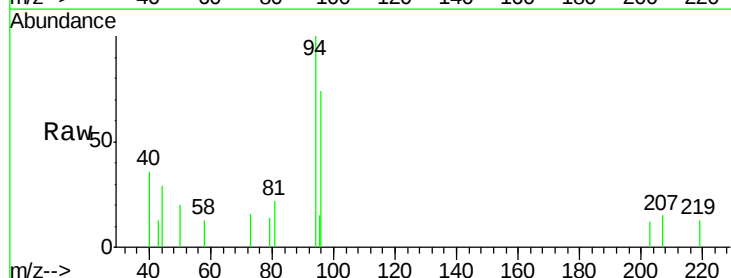
Acq: 12 Nov 2020 13:24

Tgt Ion: 94 Resp: 2541

Ion Ratio Lower Upper

94 100

96 74.2 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.74

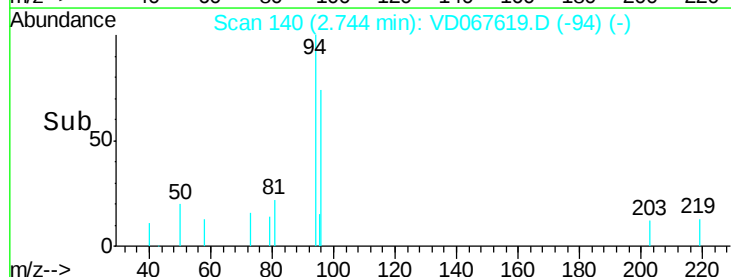
1500

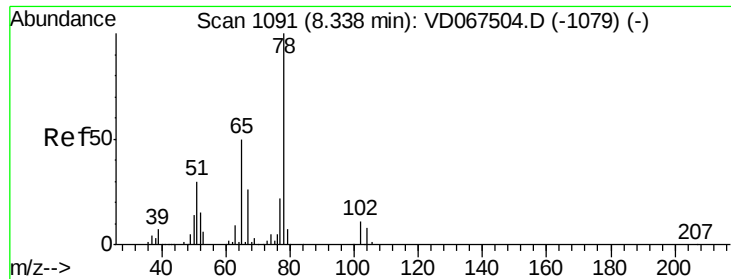
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.517 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067619.D

Acq: 12 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

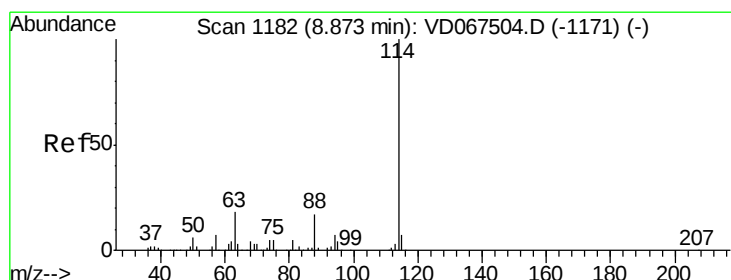
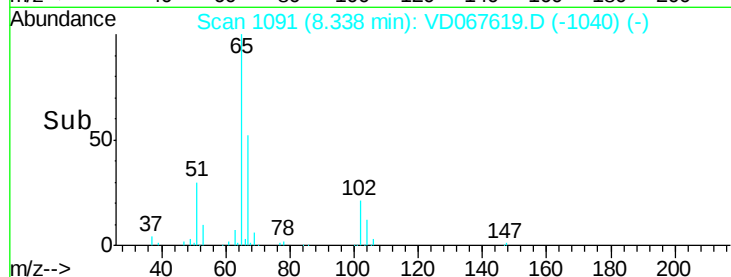
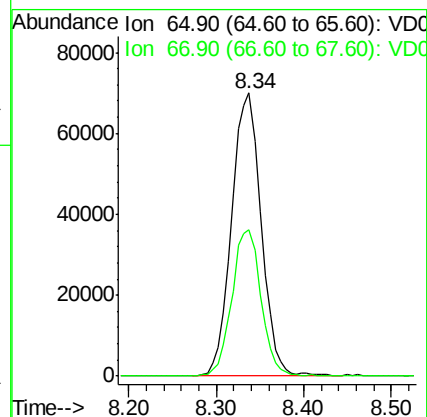
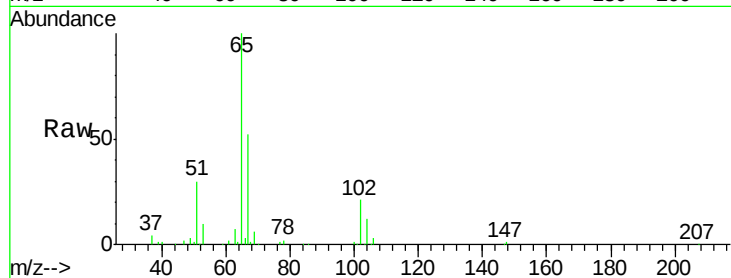
KL-SOIL

Tot Ion: 65 Resp: 160489

Ion Ratio Lower Upper

65 100

67 50.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067619.D

Acq: 12 Nov 2020 13:24

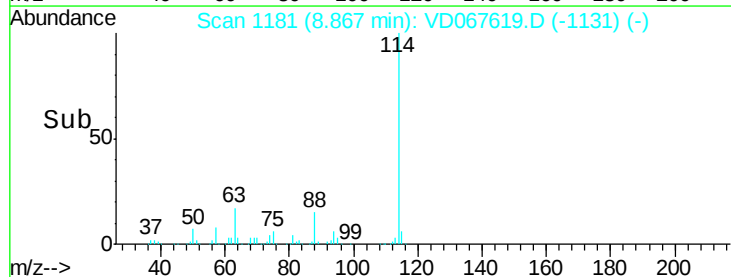
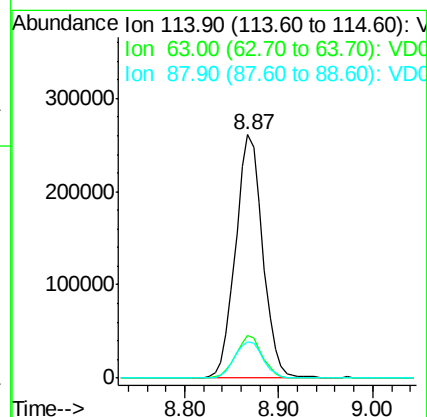
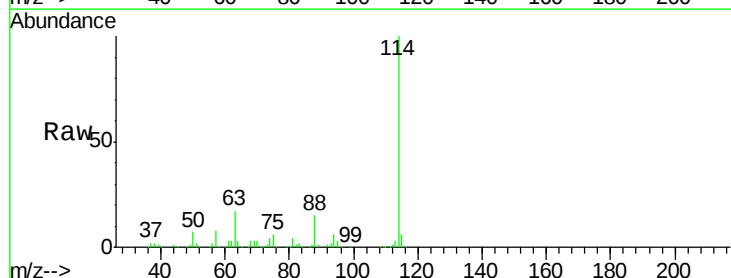
Tgt Ion: 114 Resp: 525841

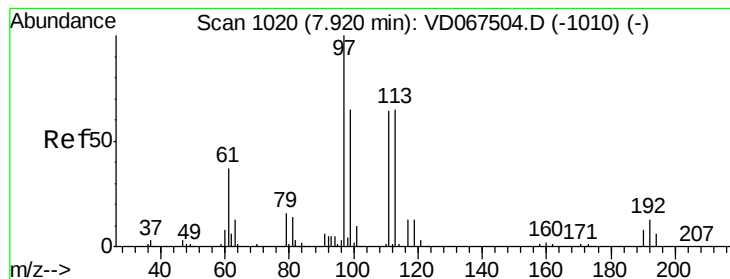
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 15.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.092 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067619.D

Acq: 12 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

KL-SOIL

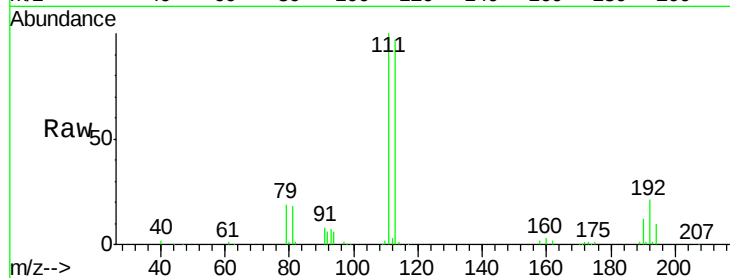
Tot Ion:113 Resp: 171374

Ion Ratio Lower Upper

113 100

111 102.8 80.0 120.0

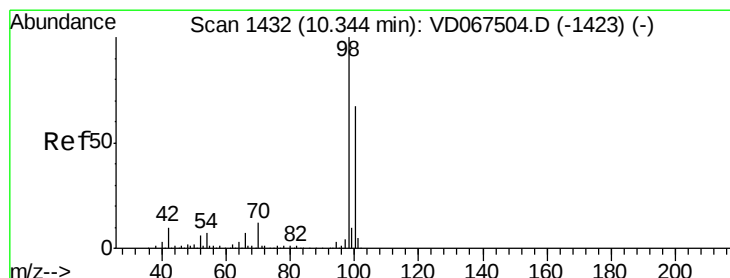
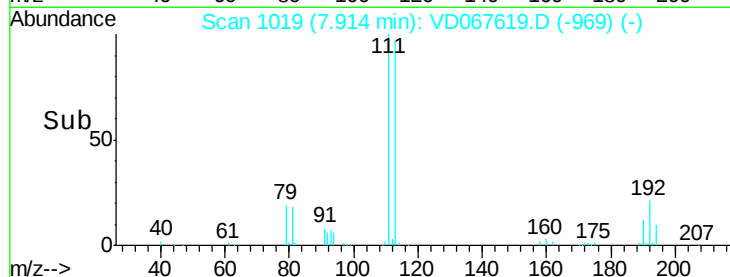
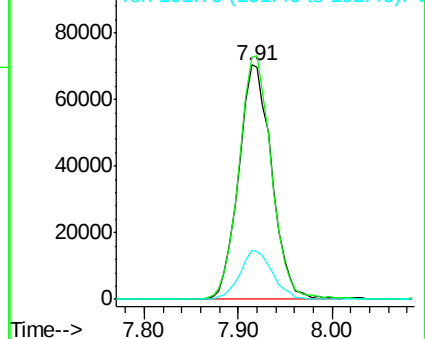
192 20.7 16.3 24.5



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: 55.766 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067619.D

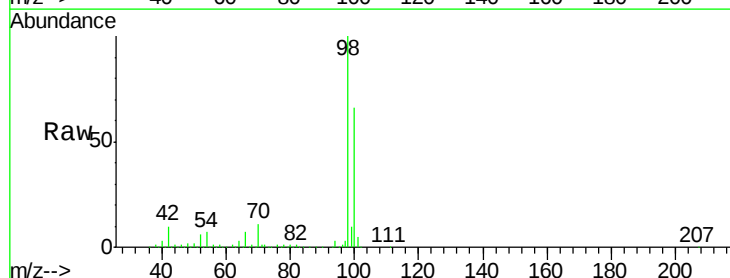
Acq: 12 Nov 2020 13:24

Tgt Ion: 98 Resp: 620878

Ion Ratio Lower Upper

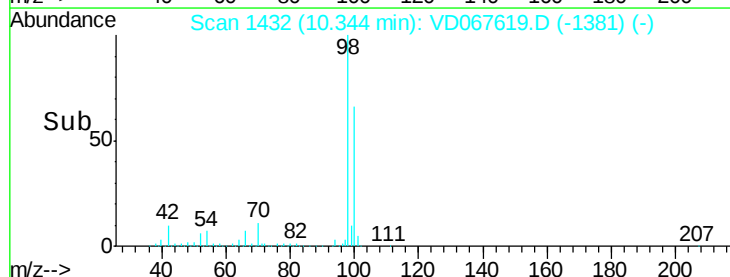
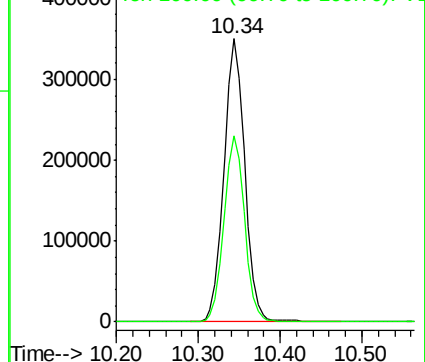
98 100

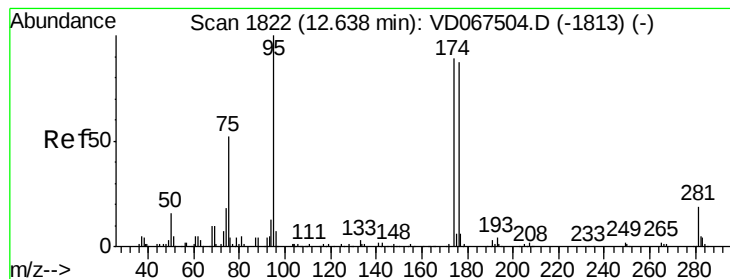
100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 56.373 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067619.D

Acq: 12 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

KL-SOIL

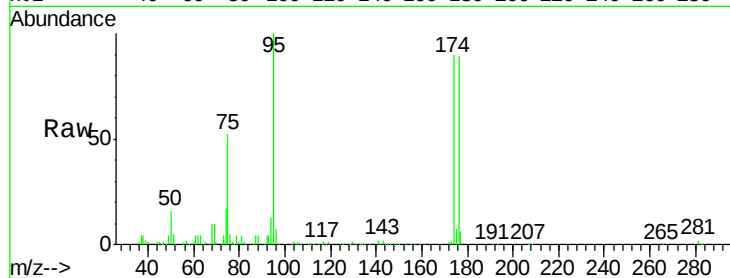
Tot Ion: 95 Resp: 216692

Ion Ratio Lower Upper

95 100

174 89.0 0.0 177.8

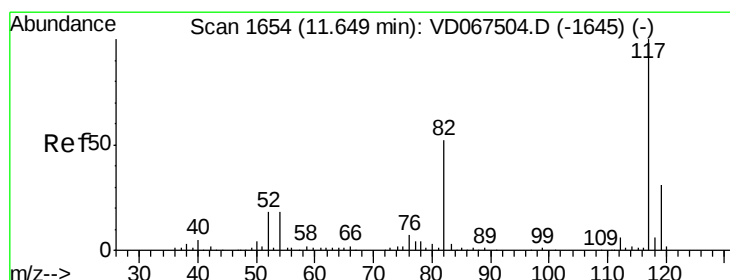
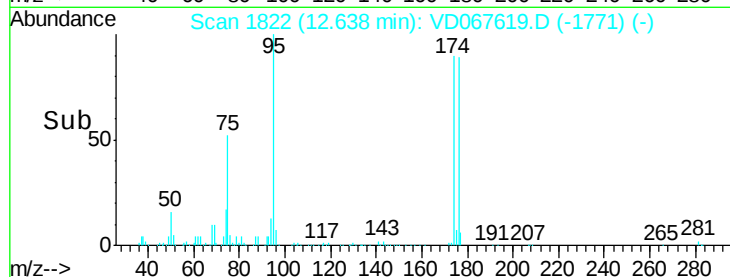
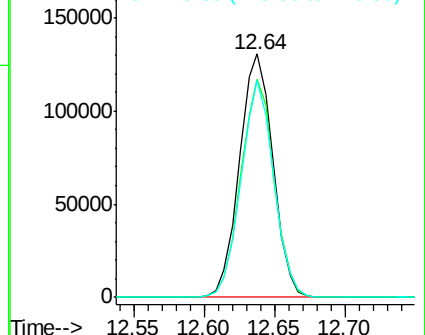
176 87.0 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067619.D

Acq: 12 Nov 2020 13:24

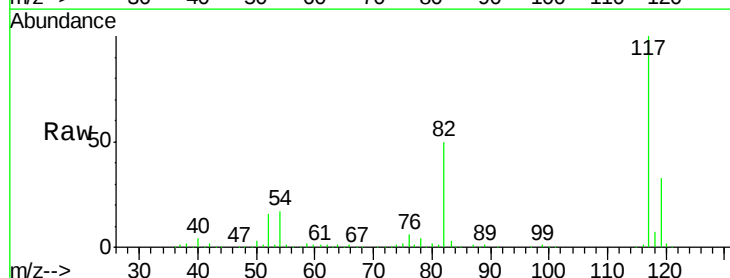
Tgt Ion: 117 Resp: 525996

Ion Ratio Lower Upper

117 100

82 50.5 41.6 62.4

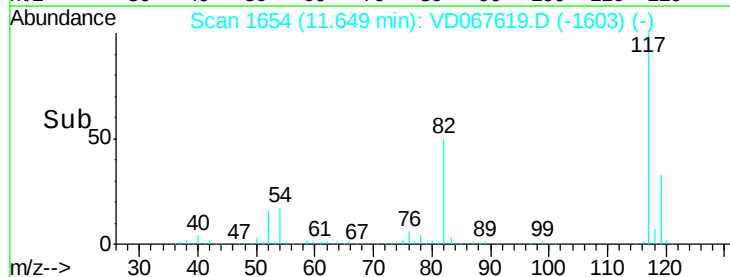
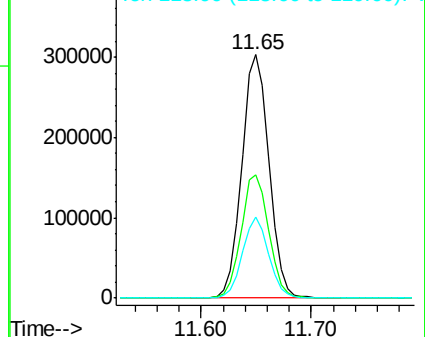
119 33.2 25.1 37.7

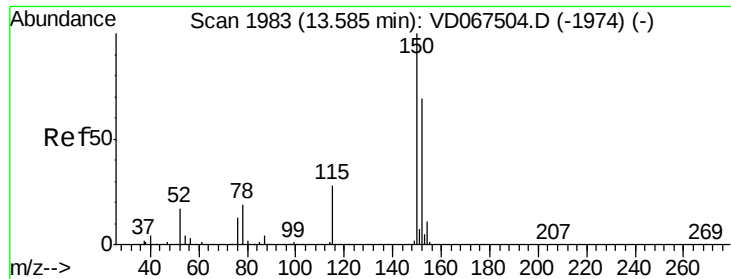


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067619.D

Acq: 12 Nov 2020 13:24

Instrument :

MSVOA_D

ClientSampleId :

KL-SOIL

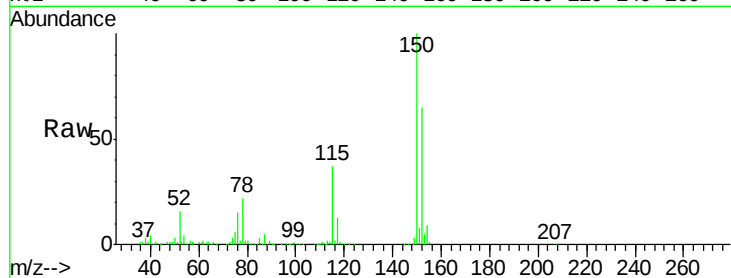
Tot Ion:152 Resp: 229361

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

150 155.3 0.0 338.2



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

