

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110620\
 Data File : VD067547.D
 Acq On : 06 Nov 2020 12:04
 Operator : VA/SY
 Sample : L4548-22
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: Nov 06 23:46:38 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	309952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	476014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	421414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	214677	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	133618	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.92	113	138605	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.34	98	478135	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.64	95	160526	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

						Qvalue
16) Acetone	4.16	43	164791	406.325	ug/l	98
20) Methylene Chloride	4.97	84	210741	73.561	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	142395	47.257	ug/l	93
22) Diisopropyl ether	6.37	45	957721	177.502	ug/l	96
25) 2-Butanone	7.21	43	131268	302.910	ug/l	91
27) cis-1,2-Dichloroethene	7.21	96	126521	40.454	ug/l	92
30) Chloroform	7.71	83	924999	175.656	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	669562	123.233	ug/l	100
42) 1,2-Dichloroethane	8.43	62	333896	97.913	ug/l	98
44) Trichloroethene	9.11	130	214139	59.006	ug/l	94
45) 1,2-Dichloropropane	9.39	63	163648	68.578	ug/l	98
46) Dibromomethane	9.48	93	214982	141.689	ug/l	99
47) Bromodichloromethane	9.67	83	306809	74.397	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	249401	249.265	ug/l	100
52) Toluene	10.41	92	911205	123.258	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	248377	123.722	ug/l	98
57) 1,3-Dichloropropane	10.95	76	174475	54.009	ug/l	97
60) Dibromochloromethane	11.14	129	167094	56.266	ug/l	97
61) 1,2-Dibromoethane	11.25	107	347054	172.248	ug/l	99
65) Chlorobenzene	11.67	112	480661	59.212	ug/l	98
67) Ethyl Benzene	11.75	91	2441479	175.762	ug/l	99
68) m/p-Xylenes	11.86	106	380500	70.409	ug/l	99
69) o-Xylene	12.18	106	352985	73.158	ug/l	100
70) Styrene	12.20	104	705651	83.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	150845	79.732	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	217848	168.216	ug/l #	100
87) 1,3-Dichlorobenzene	13.52	146	939195	144.454	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	950722	144.412	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	846873	150.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	43533	129.961	ug/l	98
93) 1,2,4-Trichlorobenzene	15.17	180	466660	122.190	ug/l	99
95) Naphthalene	15.40	128	631697	107.179	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

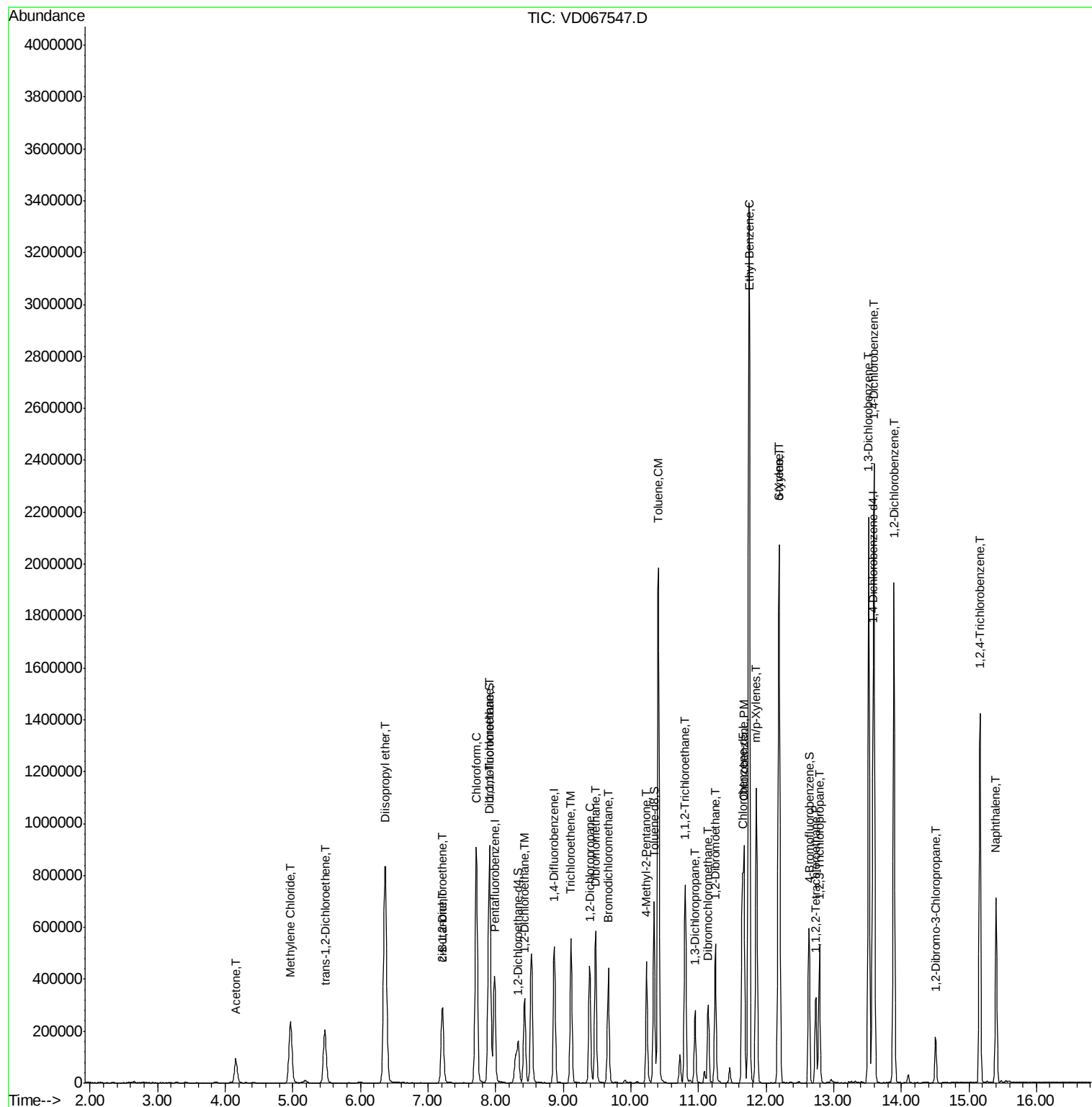
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

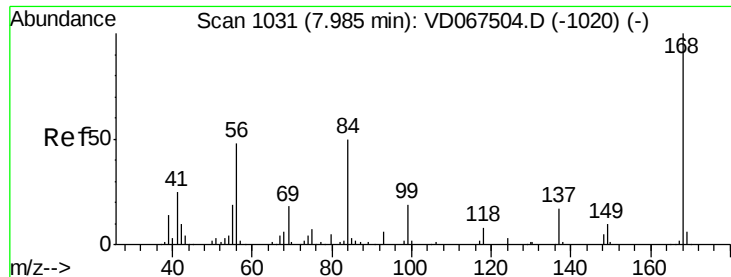
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110620\
Data File : VD067547.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

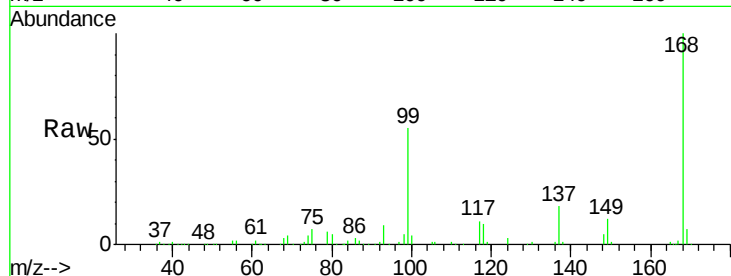
PT-VOA-SOIL

Tot Ion:168 Resp: 309952

Ion Ratio Lower Upper

168 100

99 54.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

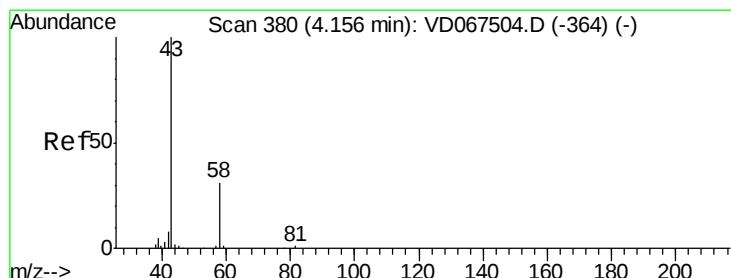
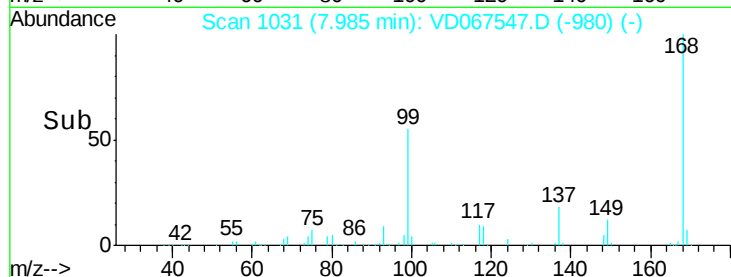
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 406.325 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067547.D

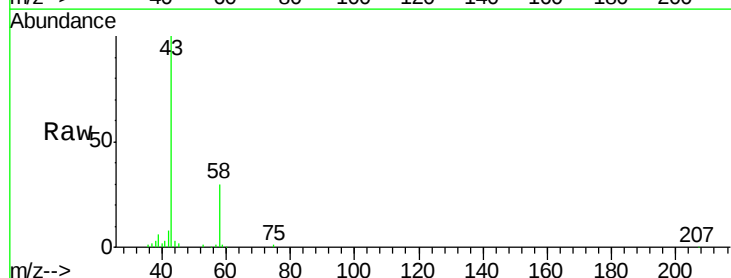
Acq: 06 Nov 2020 12:04

Tgt Ion: 43 Resp: 164791

Ion Ratio Lower Upper

43 100

58 30.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

60000

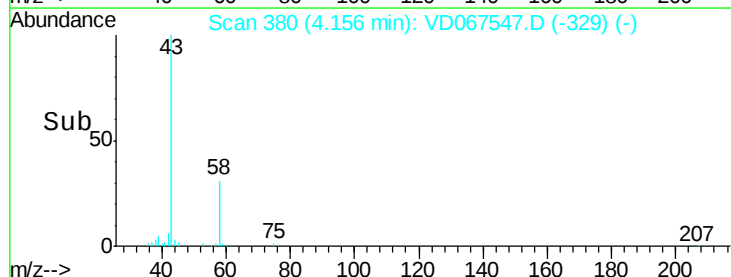
40000

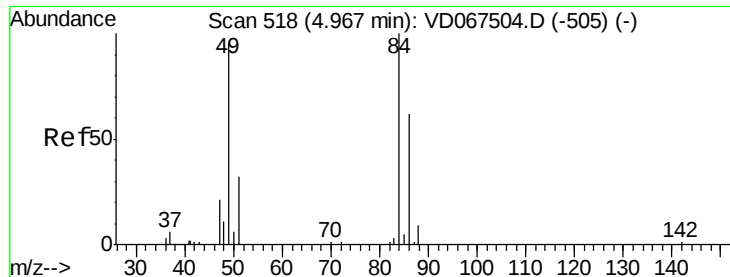
20000

0

4.10 4.15 4.20 4.30

Time-->

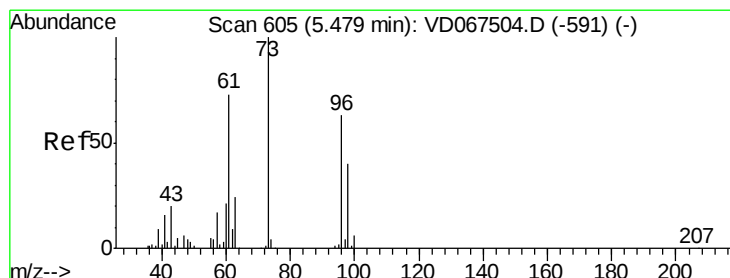
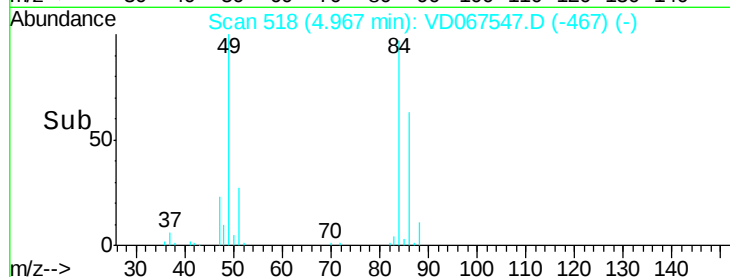
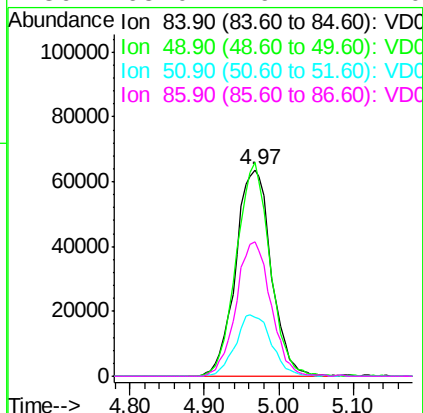
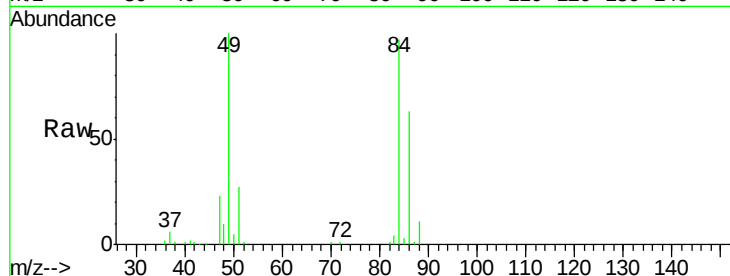




#20
Methvlene Chloride
Concen: 73.561 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067547.D
Acq: 06 Nov 2020 12:04

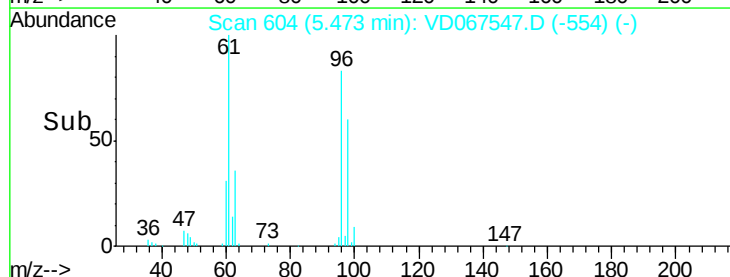
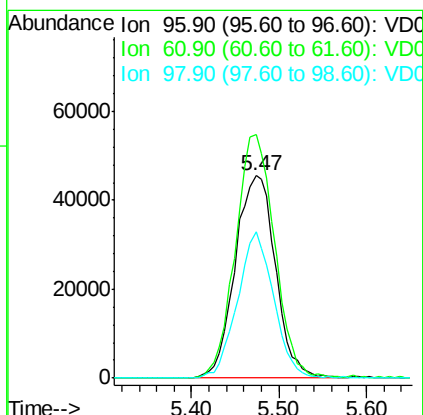
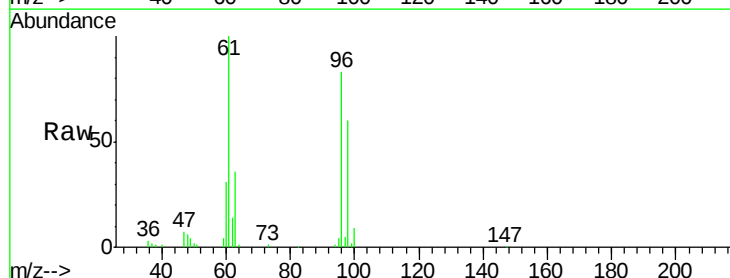
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

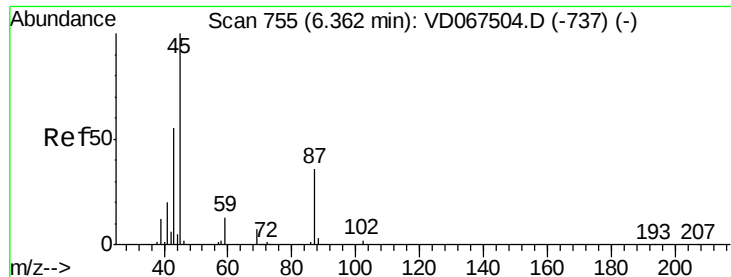
Tot Ion: 84 Resp: 210741
Ion Ratio Lower Upper
84 100
49 103.4 77.0 115.4
51 28.3 25.4 38.2
86 65.0 49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 47.257 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067547.D
Acq: 06 Nov 2020 12:04

Tgt Ion: 96 Resp: 142395
Ion Ratio Lower Upper
96 100
61 120.4 93.0 139.6
98 72.6 50.9 76.3



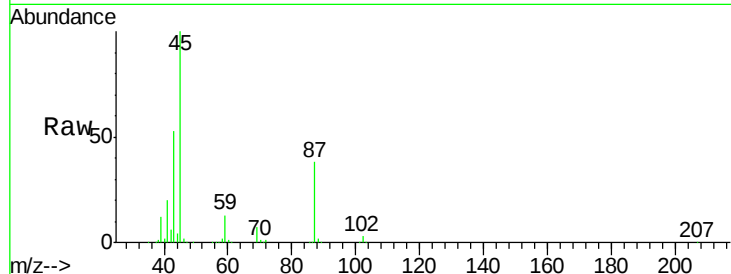


#22

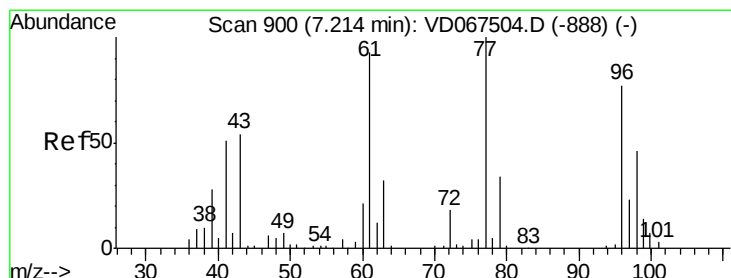
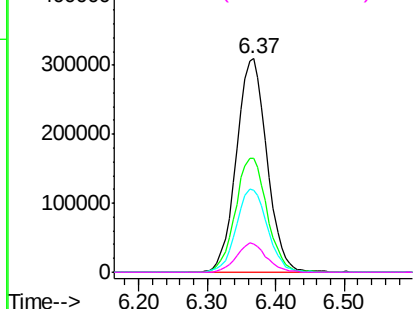
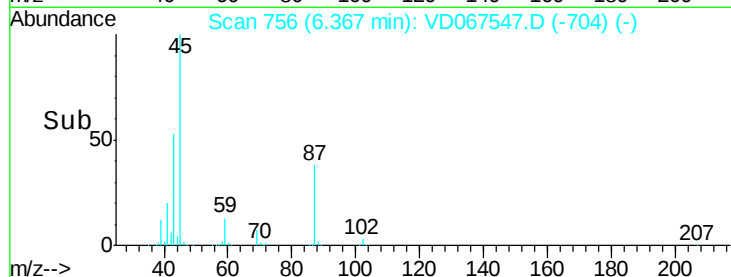
Diisopropyl ether
 Concen: 177.502 ug/l
 RT: 6.37 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: VD067547.D
 Acq: 06 Nov 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

Tot Ion:	45	Resp:	957721
Ion	Ratio	Lower	Upper
45	100		
43	53.1	46.2	69.4
87	38.2	29.4	44.2
59	13.0	10.8	16.2



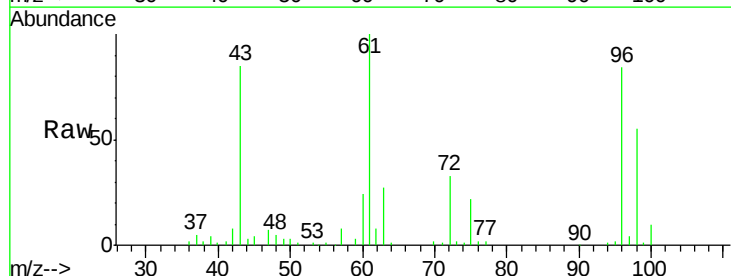
Abundance Ion 45.00 (44.70 to 45.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 87.00 (86.70 to 87.70): VDC
 Ion 59.00 (58.70 to 59.70): VDC



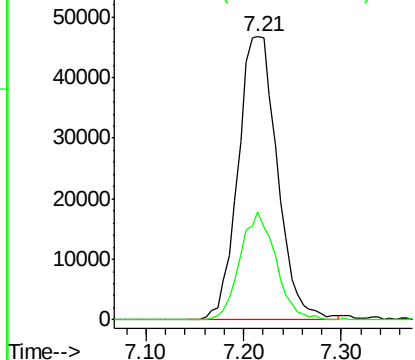
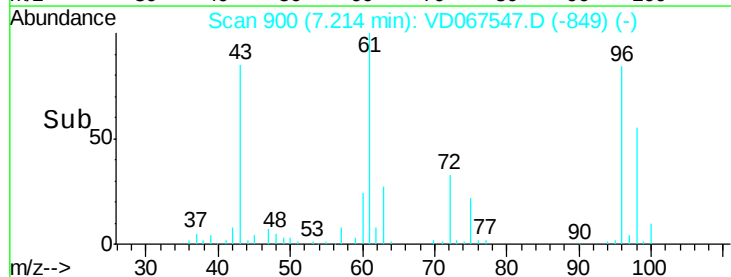
#25

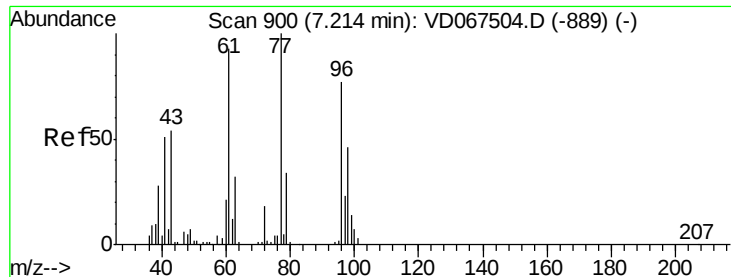
2-Butanone
 Concen: 302.910 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD067547.D
 Acq: 06 Nov 2020 12:04

Tgt Ion:	43	Resp:	131268
Ion	Ratio	Lower	Upper
43	100		
72	38.3	26.4	39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 72.00 (71.70 to 72.70): VDC





#27

cis-1,2-Dichloroethene

Concen: 40.454 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

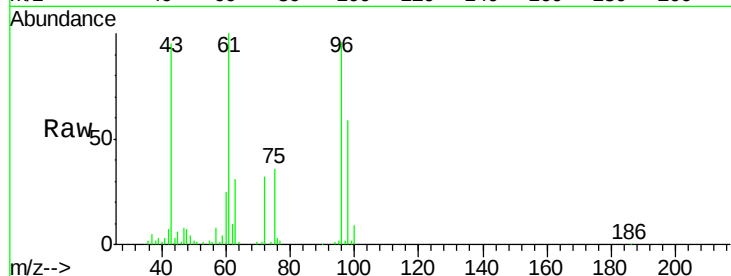
Tot Ion: 96 Resp: 126521

Ion Ratio Lower Upper

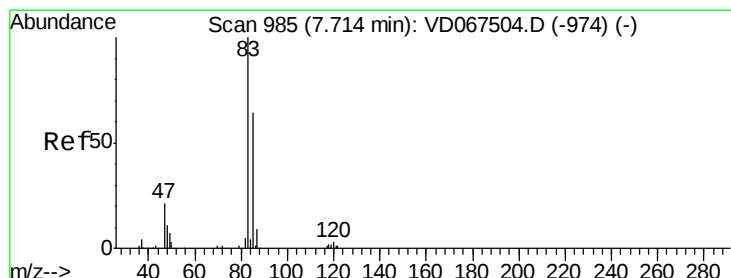
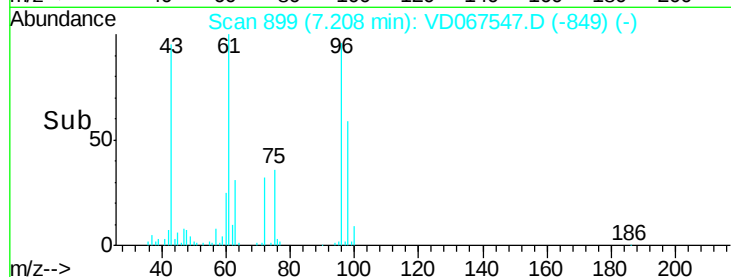
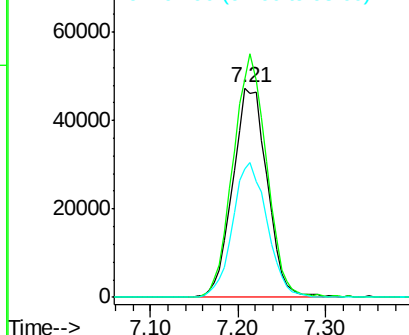
96 100

61 112.7 0.0 251.6

98 64.4 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#30

Chloroform

Concen: 175.656 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD067547.D

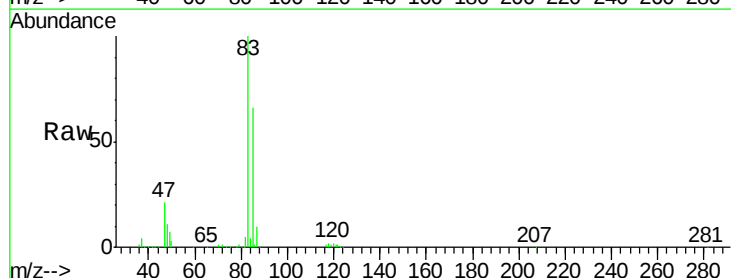
Acq: 06 Nov 2020 12:04

Tgt Ion: 83 Resp: 924999

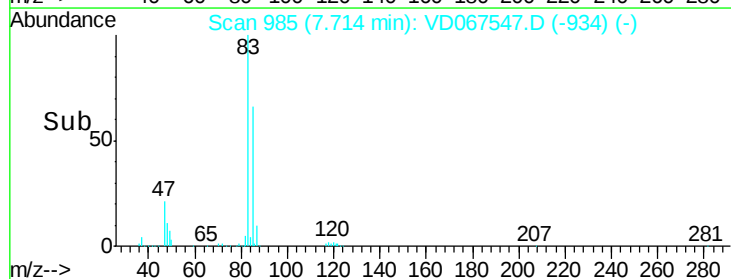
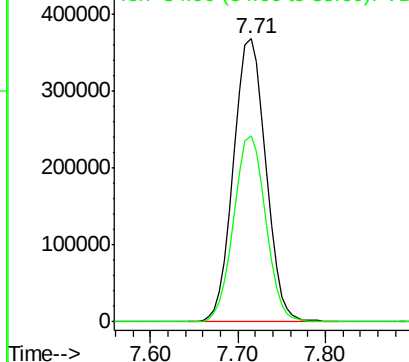
Ion Ratio Lower Upper

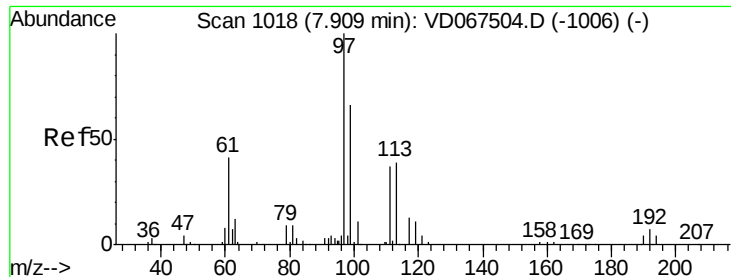
83 100

85 65.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#32

1,1,1-Trichloroethane

Concen: 123.233 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

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ClientSampleId :

PT-VOA-SOIL

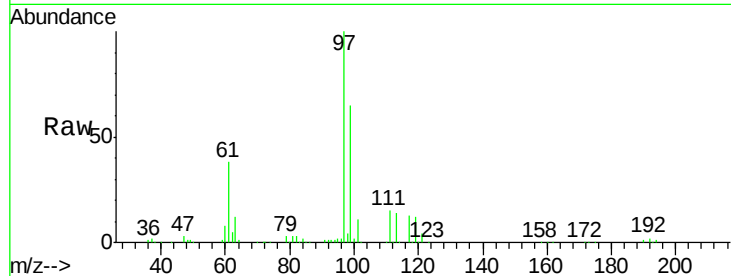
Tot Ion: 97 Resp: 669562

Ion Ratio Lower Upper

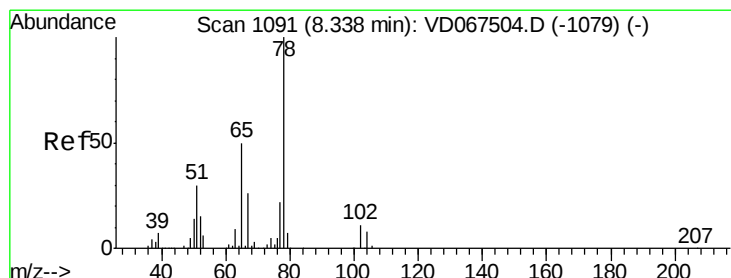
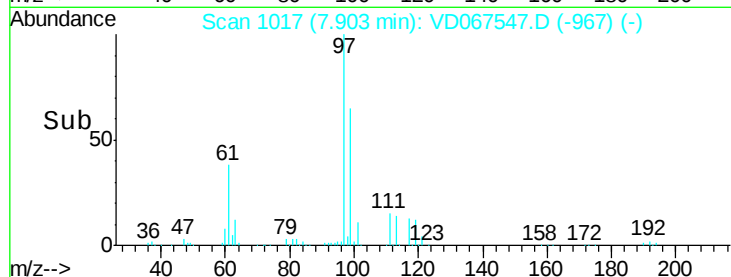
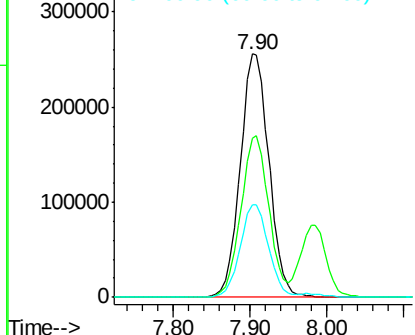
97 100

99 64.9 51.8 77.6

61 37.8 30.5 45.7



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.302 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067547.D

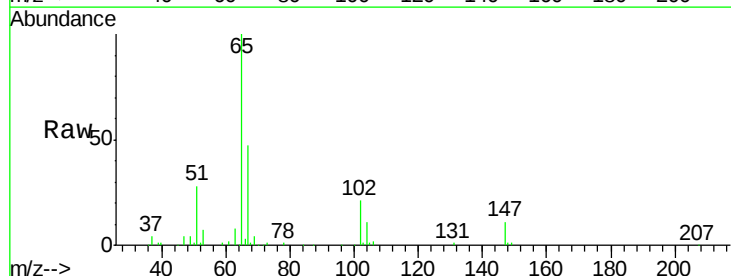
Acq: 06 Nov 2020 12:04

Tgt Ion: 65 Resp: 133618

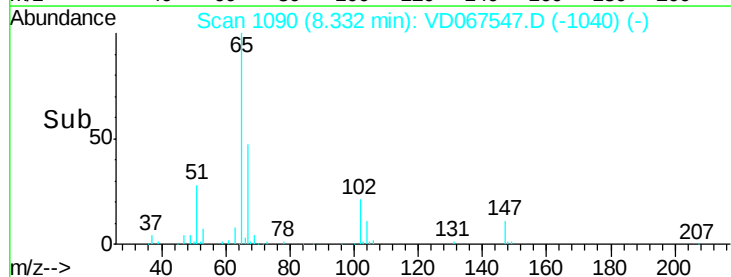
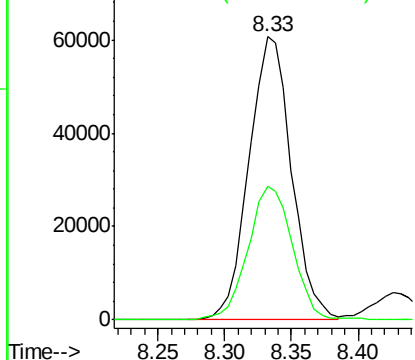
Ion Ratio Lower Upper

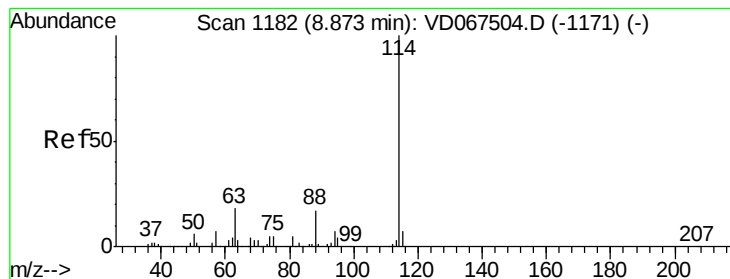
65 100

67 49.5 0.0 99.4



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. -0.01 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

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ClientSampleId :

PT-VOA-SOIL

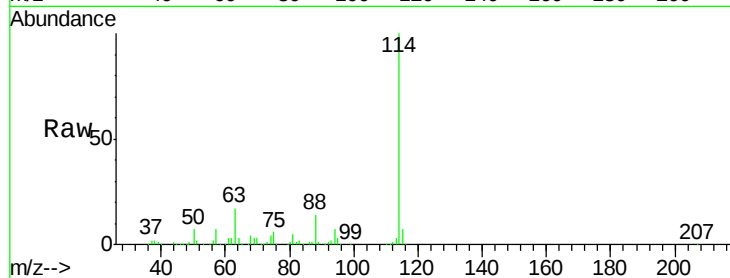
Tot Ion:114 Resp: 476014

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

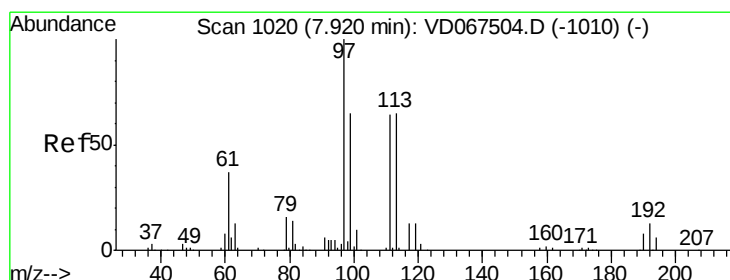
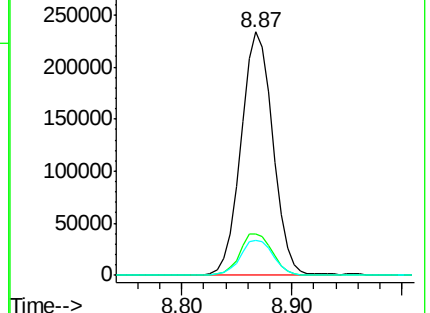
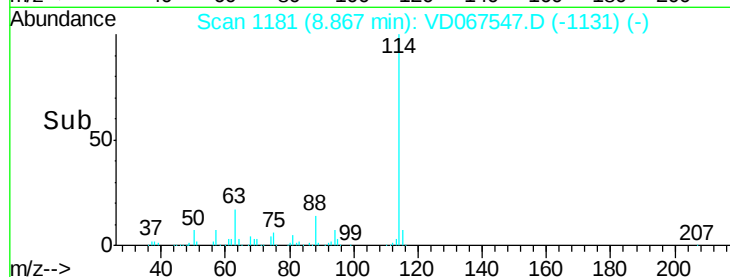
88 14.2 0.0 33.0



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: 48.329 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

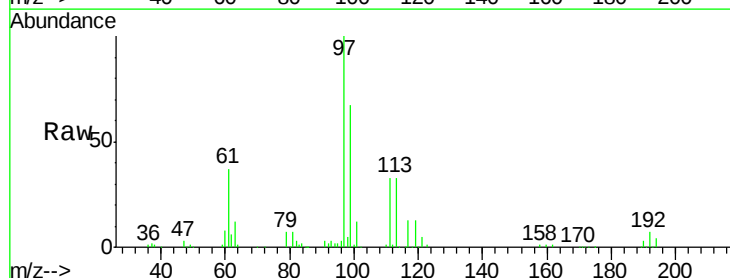
Tgt Ion:113 Resp: 138605

Ion Ratio Lower Upper

113 100

111 101.3 80.0 120.0

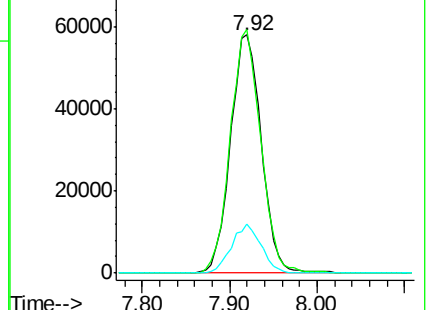
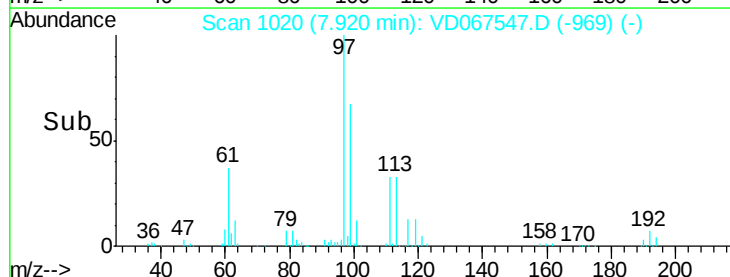
192 19.6 16.3 24.5

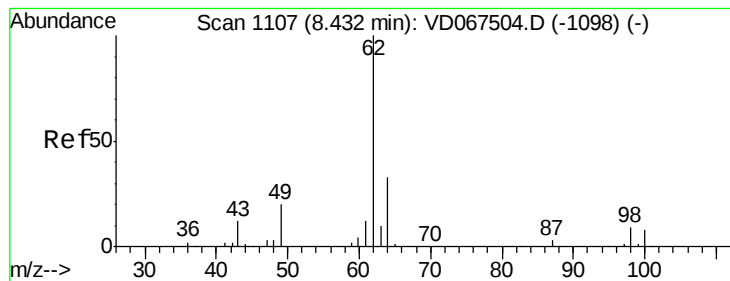


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 97.913 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

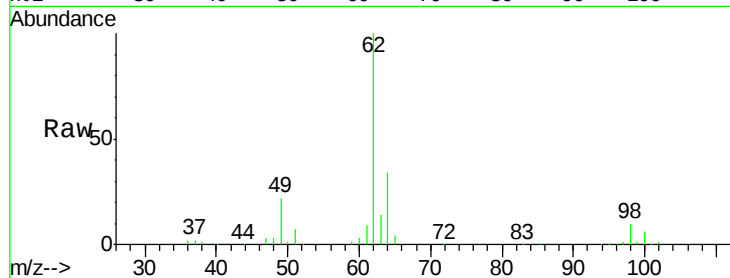
PT-VOA-SOIL

Tot Ion: 62 Resp: 333896

Ion Ratio Lower Upper

62 100

98 9.3 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

8.43

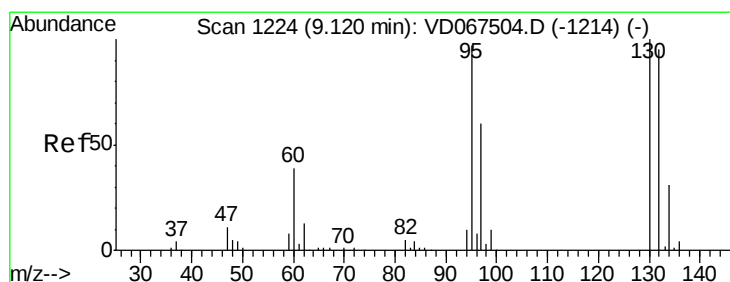
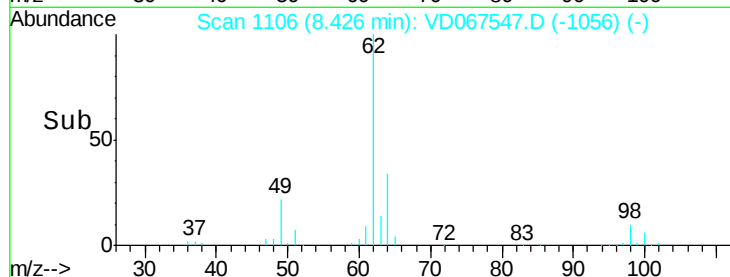
150000

100000

50000

0

Time--> 8.30 8.40 8.50



#44

Trichloroethene

Concen: 59.006 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067547.D

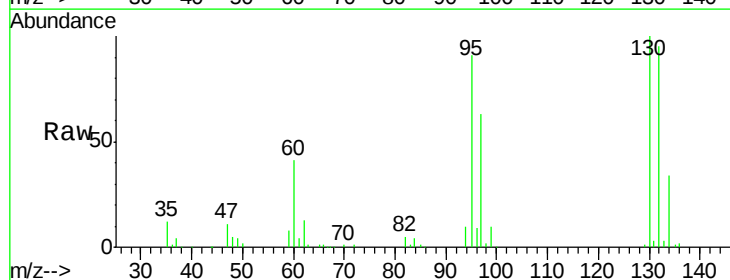
Acq: 06 Nov 2020 12:04

Tgt Ion:130 Resp: 214139

Ion Ratio Lower Upper

130 100

95 91.1 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

9.11

120000

100000

80000

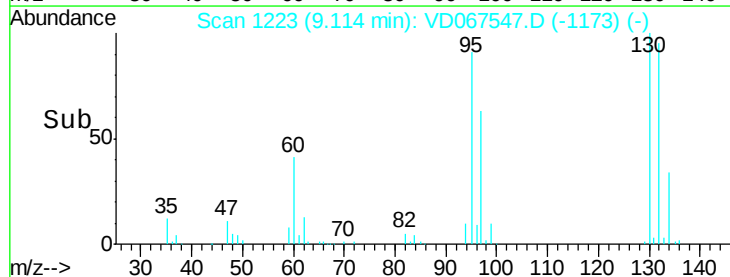
60000

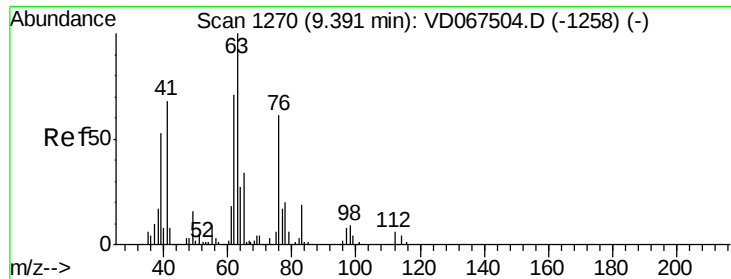
40000

20000

0

Time--> 9.00 9.10 9.20

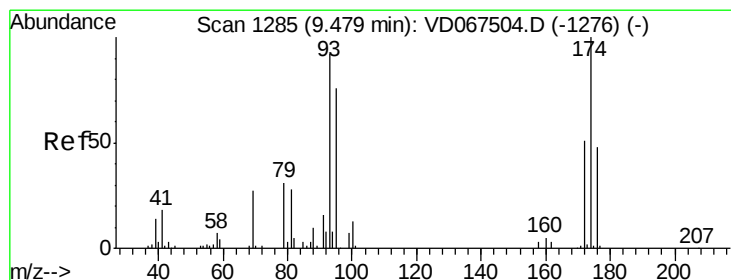
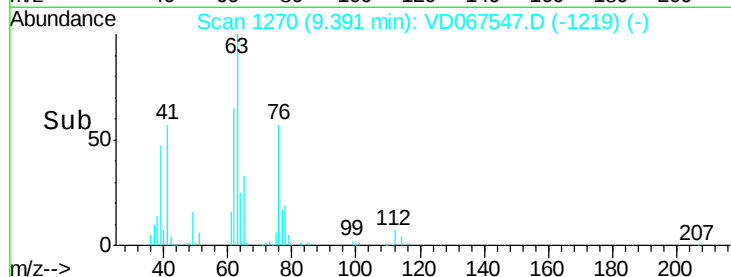
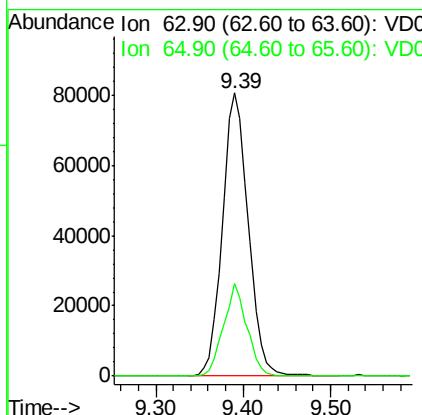
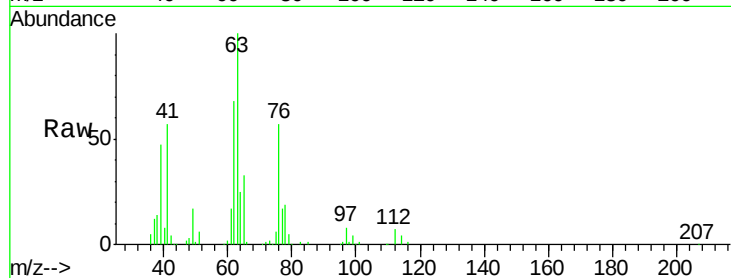




#45
 1,2-Dichloropropane
 Concen: 68.578 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067547.D
 Acq: 06 Nov 2020 12:04

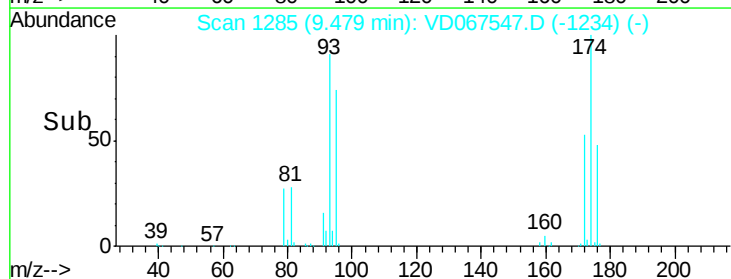
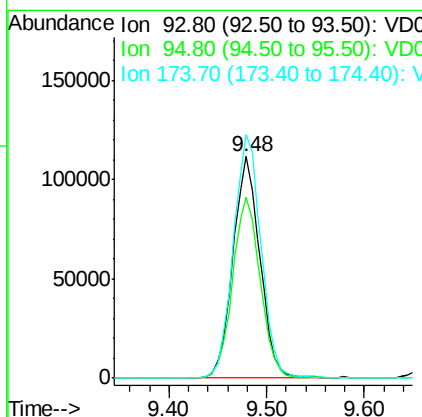
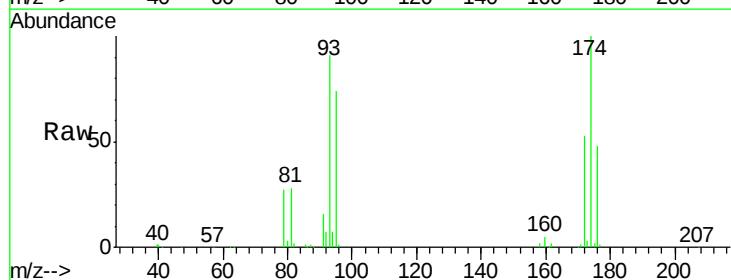
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

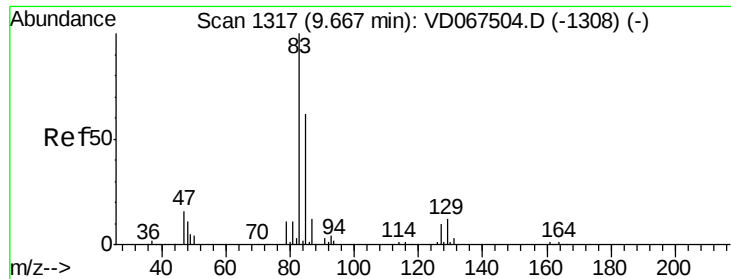
Tot Ion: 63 Resp: 163648
 Ion Ratio Lower Upper
 63 100
 65 32.7 26.9 40.3



#46
 Dibromomethane
 Concen: 141.689 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067547.D
 Acq: 06 Nov 2020 12:04

Tgt Ion: 93 Resp: 214982
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 112.3 88.2 132.4





#47

Bromodichloromethane

Concen: 74.397 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

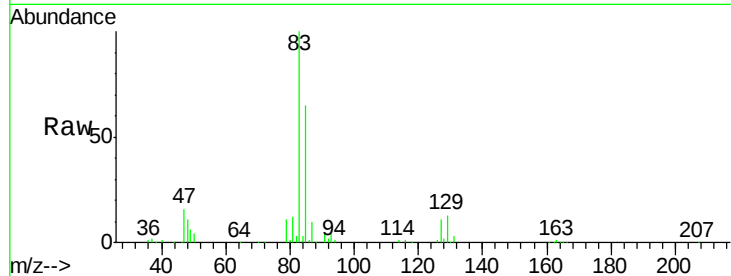
Tot Ion: 83 Resp: 306809

Ion Ratio Lower Upper

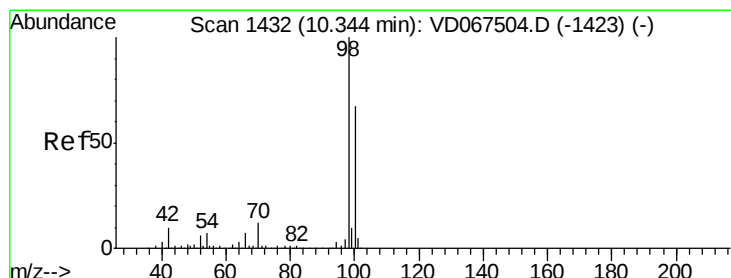
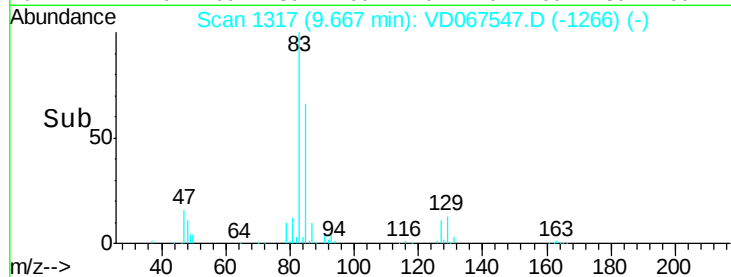
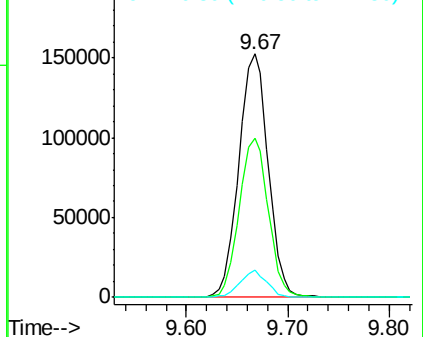
83 100

85 65.2 49.4 74.2

127 11.3 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 47.440 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067547.D

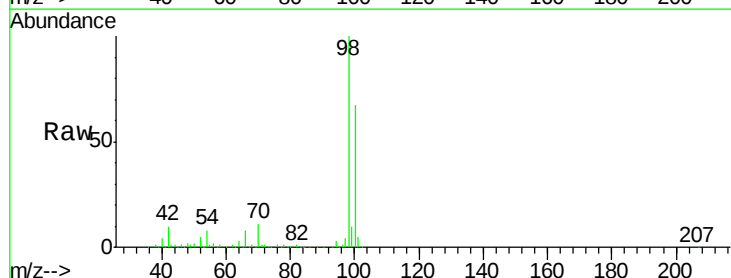
Acq: 06 Nov 2020 12:04

Tgt Ion: 98 Resp: 478135

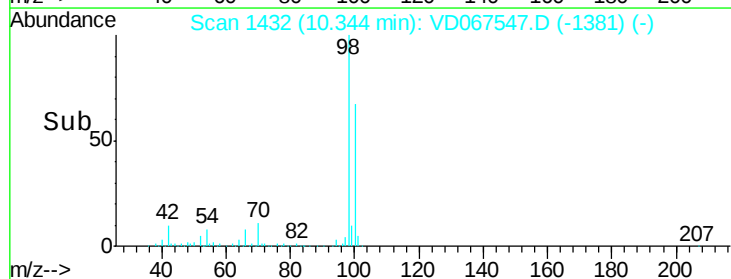
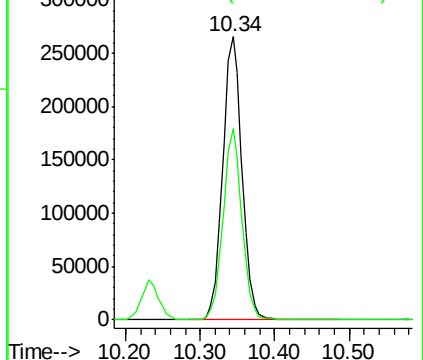
Ion Ratio Lower Upper

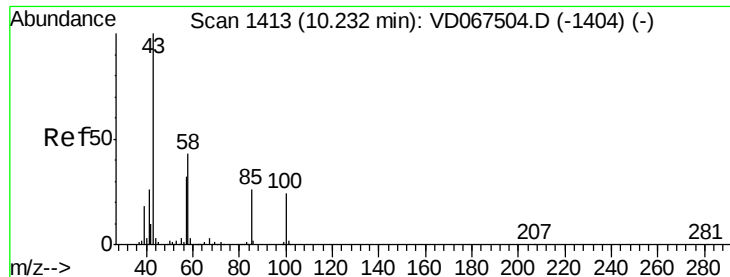
98 100

100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 249.265 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

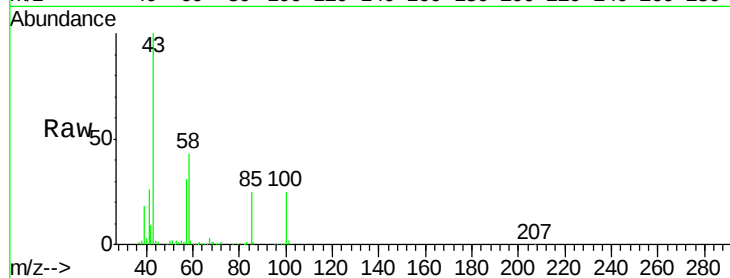
PT-VOA-SOIL

Tot Ion: 43 Resp: 249401

Ion Ratio Lower Upper

43 100

58 44.4 35.6 53.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

150000

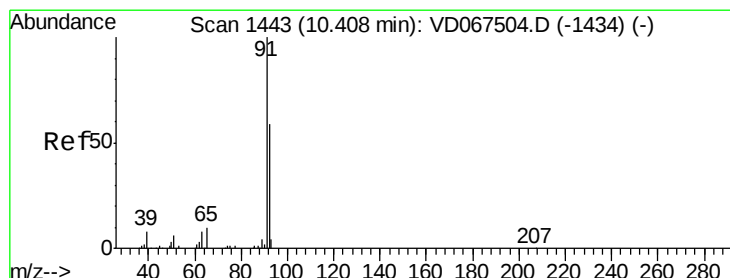
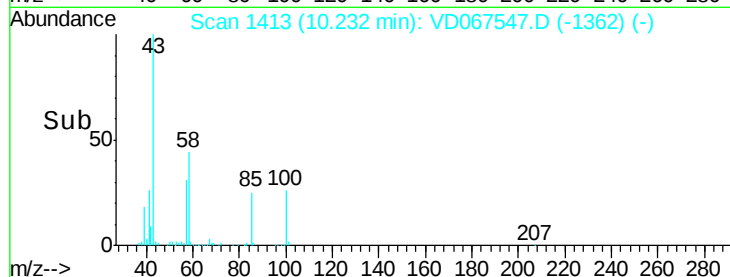
100000

50000

0

10.20 10.30

Time-->



#52

Toluene

Concen: 123.258 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067547.D

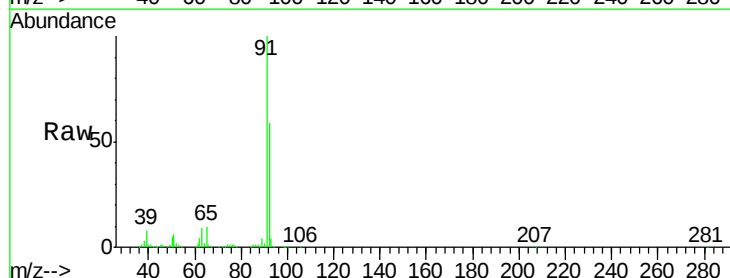
Acq: 06 Nov 2020 12:04

Tgt Ion: 92 Resp: 911205

Ion Ratio Lower Upper

92 100

91 168.6 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

1000000

800000

600000

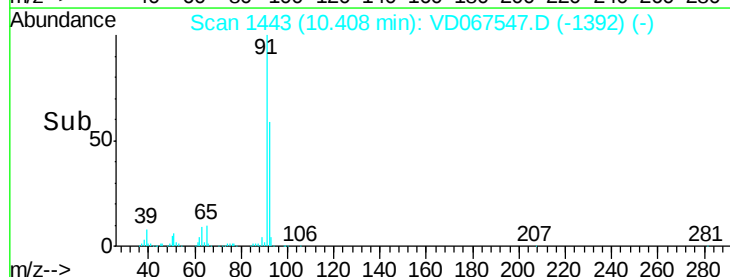
400000

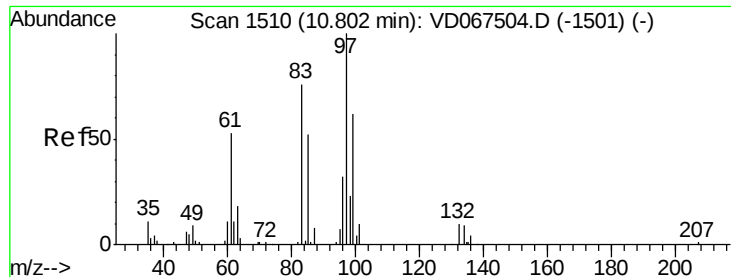
200000

0

10.30 10.40 10.50 10.60

Time-->





#55

1,1,2-Trichloroethane

Concen: 123.722 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

Tot Ion: 97 Resp: 248377

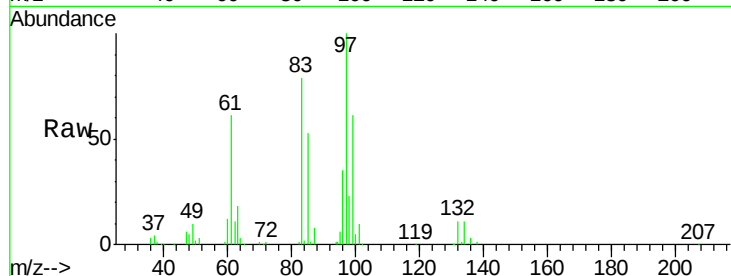
Ion	Ratio	Lower	Upper
97	100		
83	78.6	61.0	91.6
85	53.1	41.5	62.3
99	60.6	49.4	74.2

97 100

83 78.6 61.0 91.6

85 53.1 41.5 62.3

99 60.6 49.4 74.2



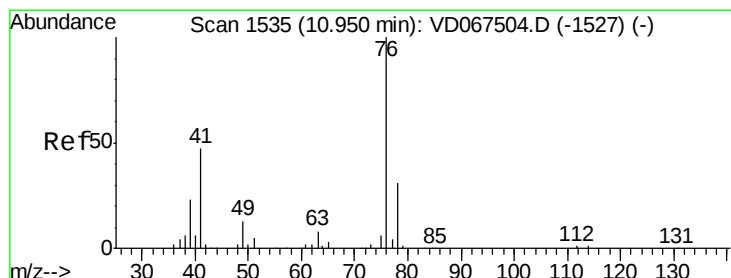
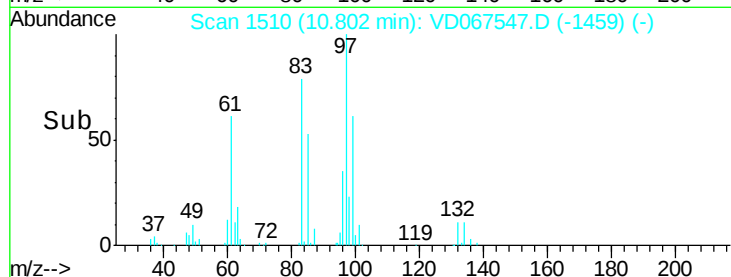
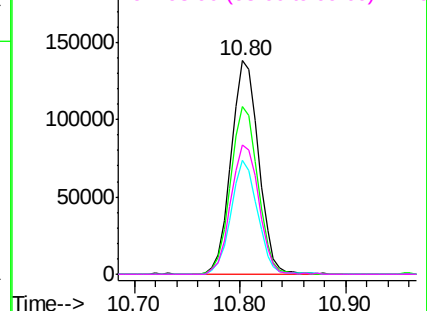
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#57

1,3-Dichloropropane

Concen: 54.009 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD067547.D

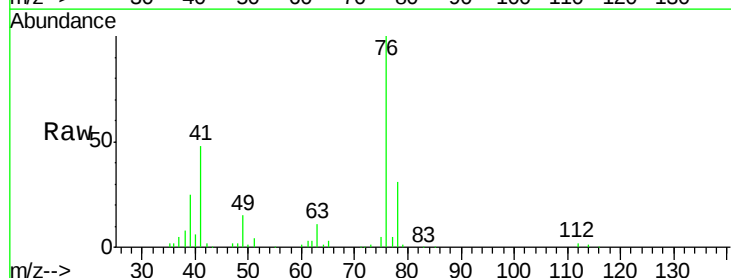
Acq: 06 Nov 2020 12:04

Tgt Ion: 76 Resp: 174475

Ion	Ratio	Lower	Upper
76	100		
78	31.1	26.1	39.1

76 100

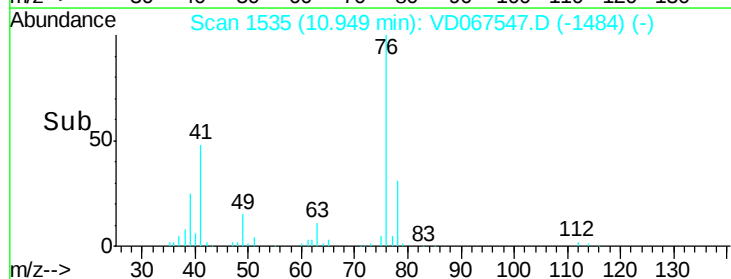
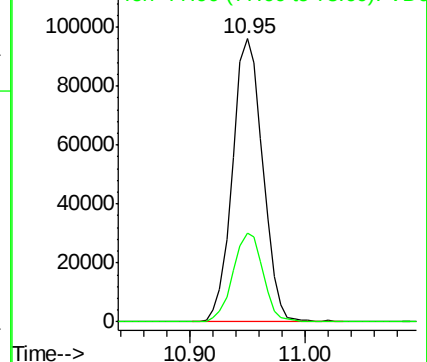
78 31.1 26.1 39.1

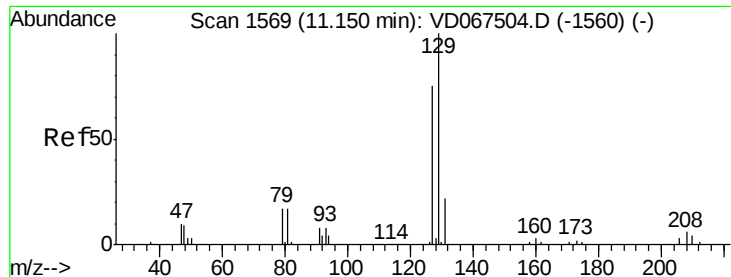


Abundance

Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC





#60

Dibromochloromethane

Concen: 56.266 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

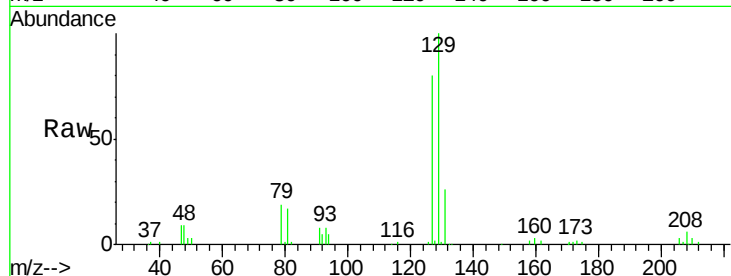
PT-VOA-SOIL

Tot Ion:129 Resp: 167094

Ion Ratio Lower Upper

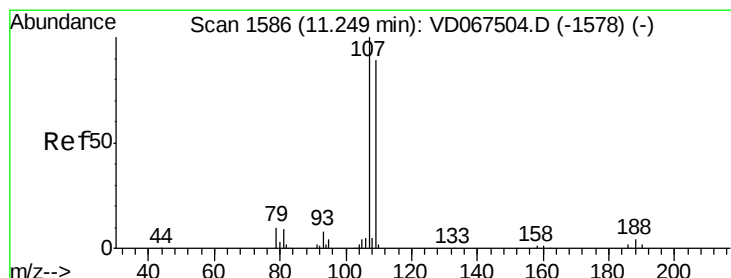
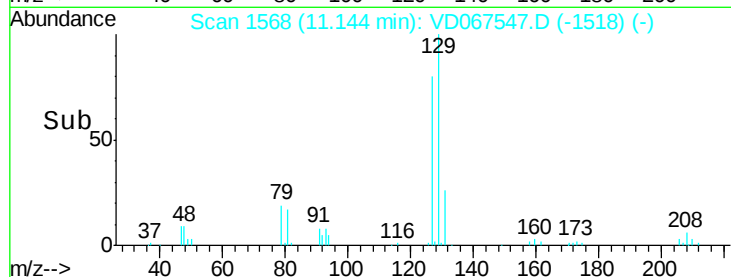
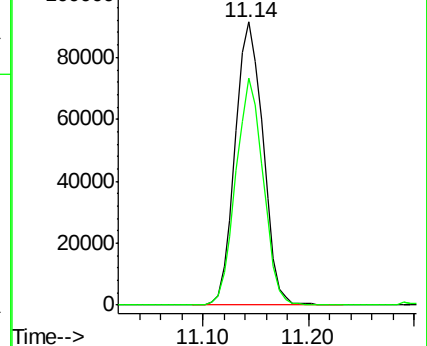
129 100

127 78.6 38.0 114.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 172.248 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD067547.D

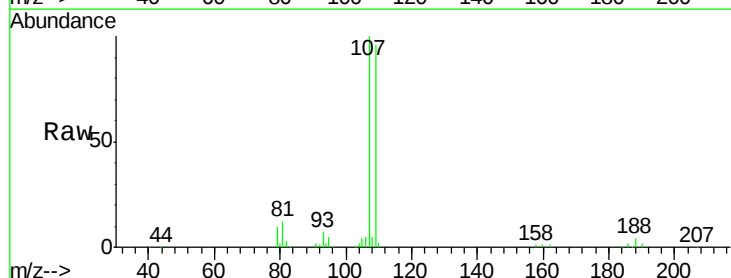
Acq: 06 Nov 2020 12:04

Tgt Ion:107 Resp: 347054

Ion Ratio Lower Upper

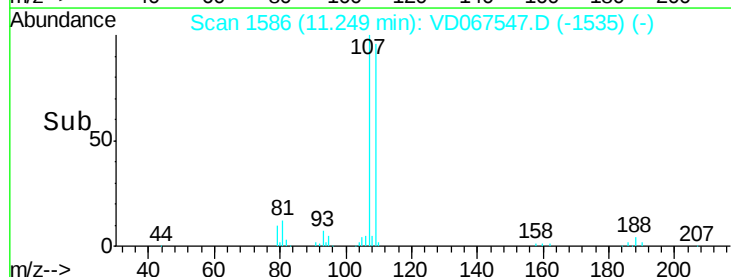
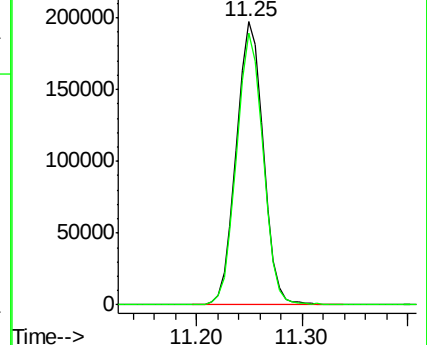
107 100

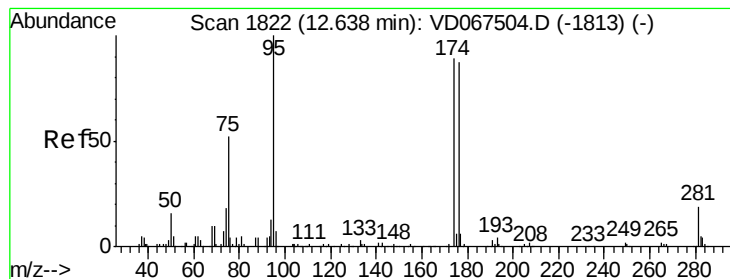
109 94.6 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 46.133 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

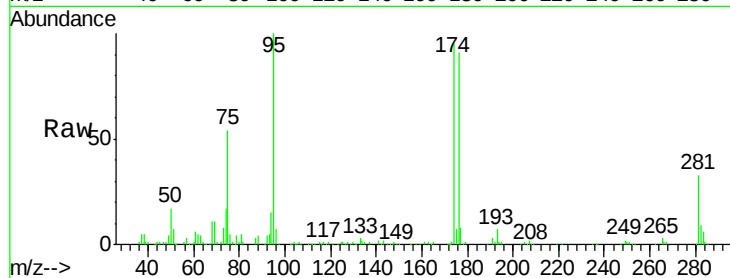
Tot Ion: 95 Resp: 160526

Ion Ratio Lower Upper

95 100

174 92.2 0.0 177.8

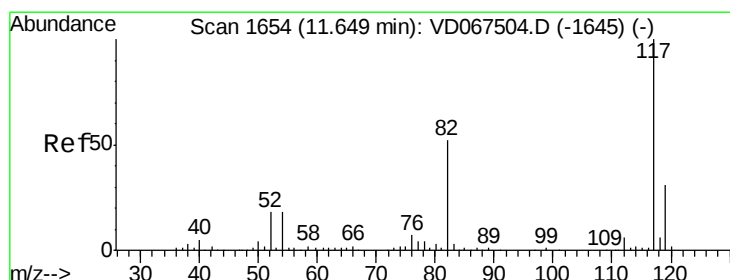
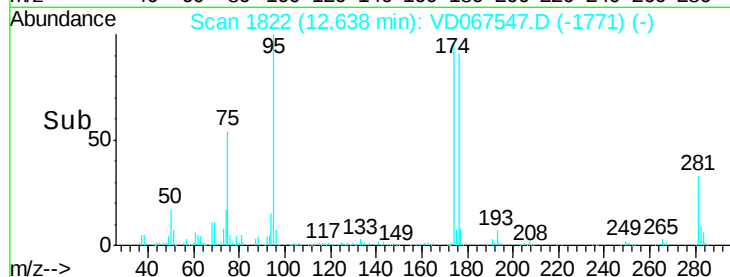
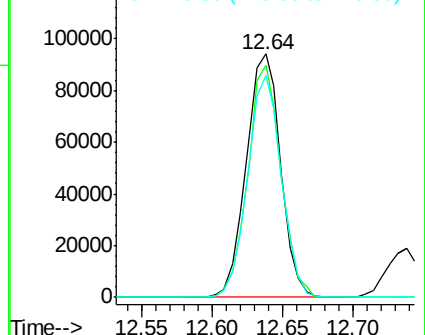
176 89.5 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD067547.D

Acq: 06 Nov 2020 12:04

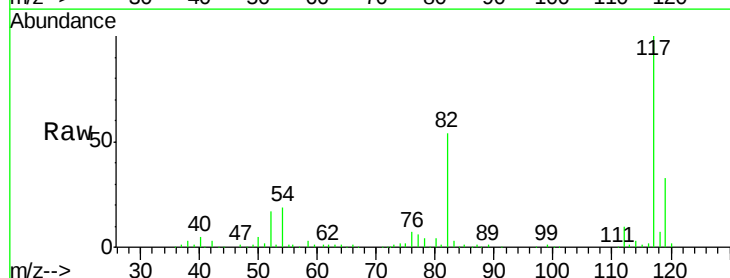
Tgt Ion: 117 Resp: 421414

Ion Ratio Lower Upper

117 100

82 53.6 41.6 62.4

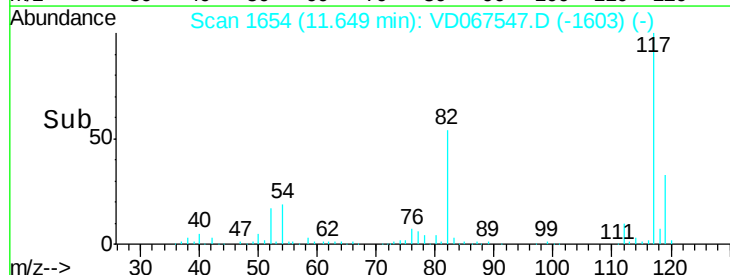
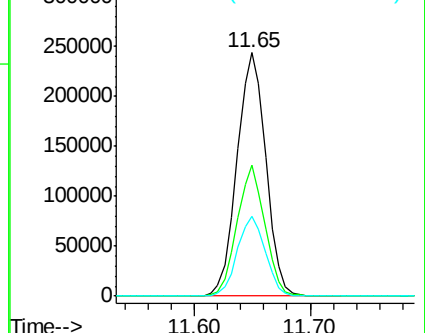
119 32.9 25.1 37.7

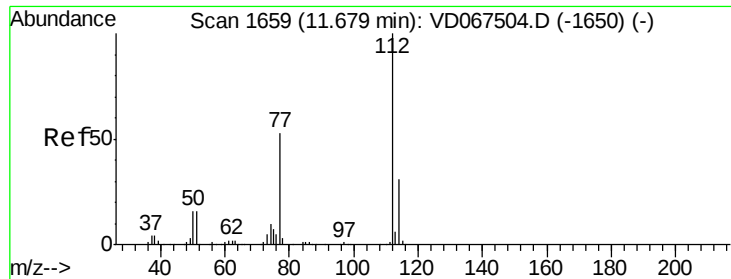


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

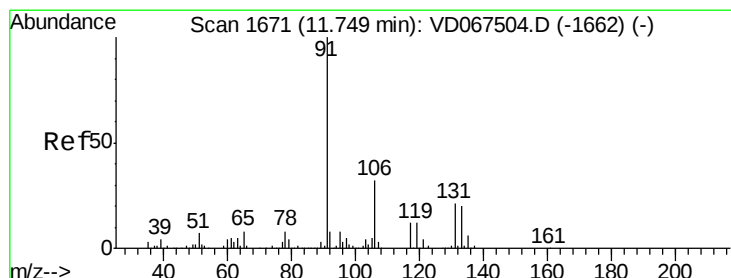
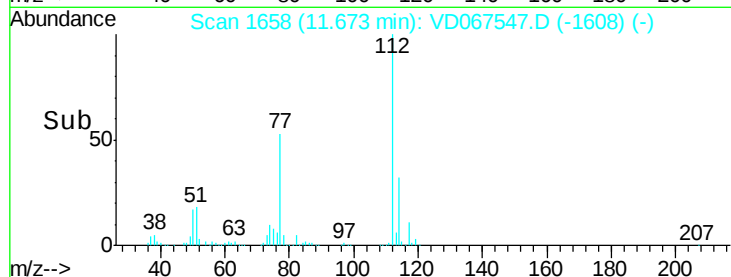
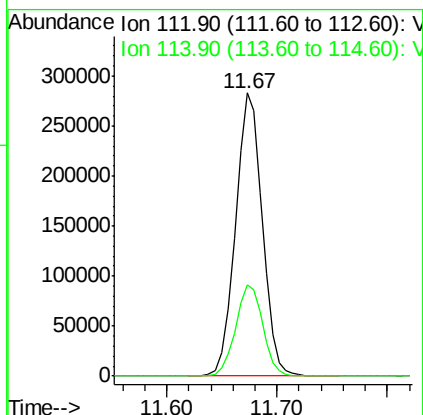
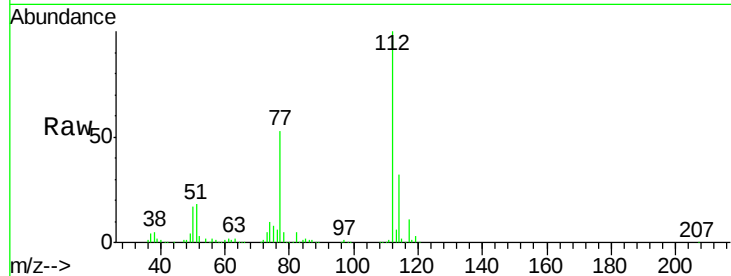




#65
Chlorobenzene
Concen: 59.212 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067547.D
Acq: 06 Nov 2020 12:04

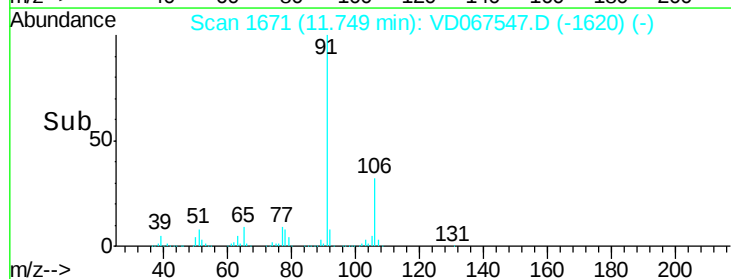
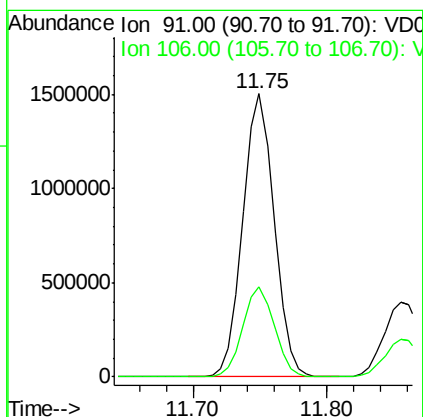
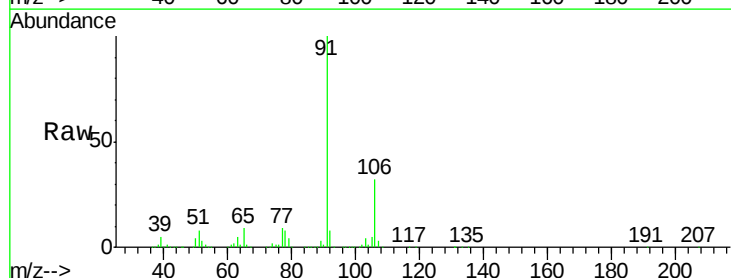
Instrument :
MSVOA_D
ClientSampleId :
PT-VOA-SOIL

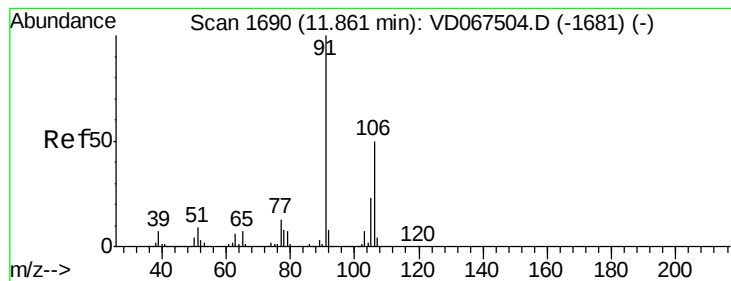
Tot Ion:112 Resp: 480661
Ion Ratio Lower Upper
112 100
114 32.4 24.9 37.3



#67
Ethyl Benzene
Concen: 175.762 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067547.D
Acq: 06 Nov 2020 12:04

Tgt Ion: 91 Resp: 2441479
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5





#68

m/p-Xylenes

Concen: 70.409 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

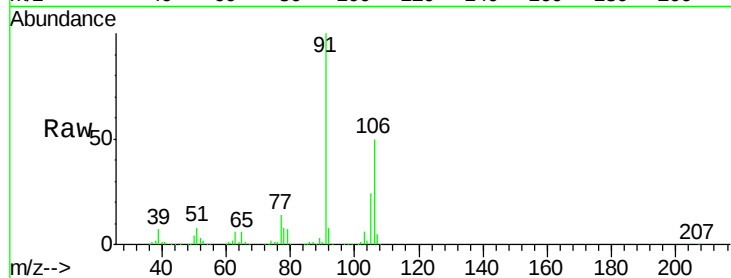
PT-VOA-SOIL

Tot Ion:106 Resp: 380500

Ion Ratio Lower Upper

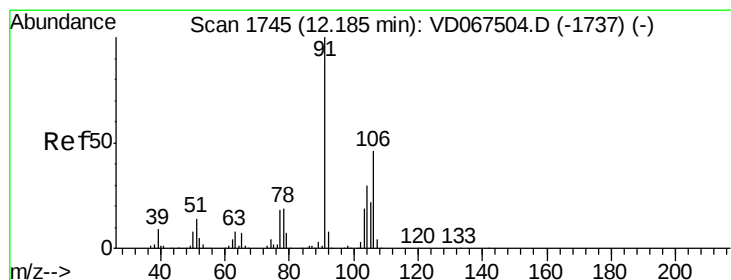
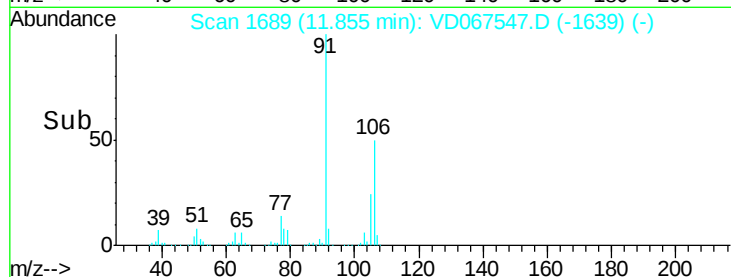
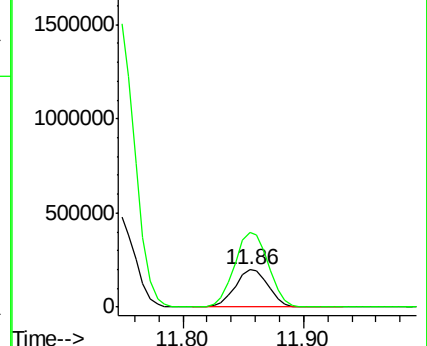
106 100

91 204.4 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 73.158 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VD067547.D

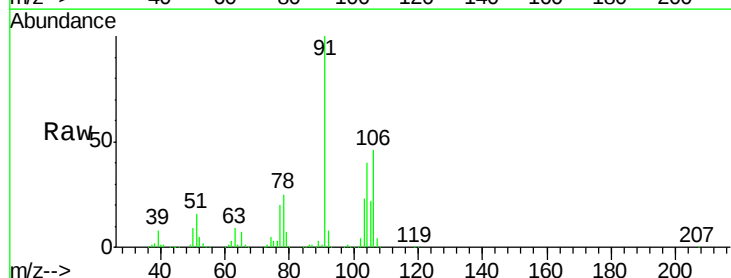
Acq: 06 Nov 2020 12:04

Tgt Ion:106 Resp: 352985

Ion Ratio Lower Upper

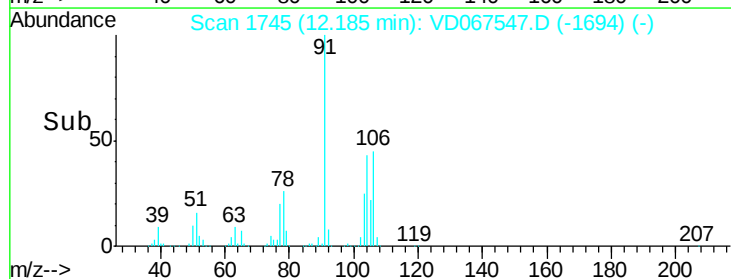
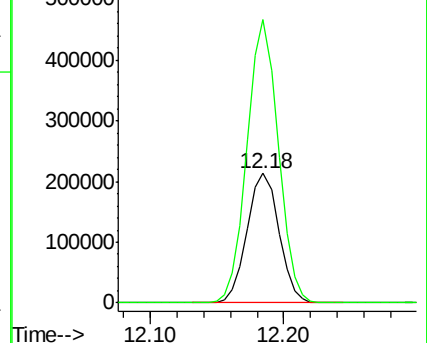
106 100

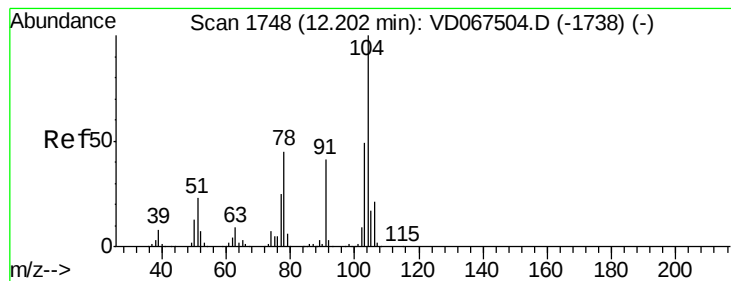
91 213.6 107.1 321.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC





#70

Stvrene

Concen: 83.931 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

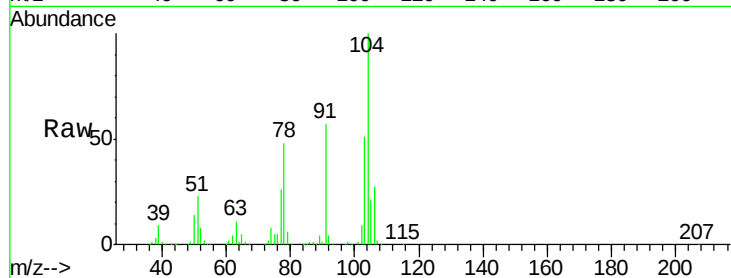
Tot Ion:104 Resp: 705651

Ion Ratio Lower Upper

104 100

78 49.7 39.8 59.8

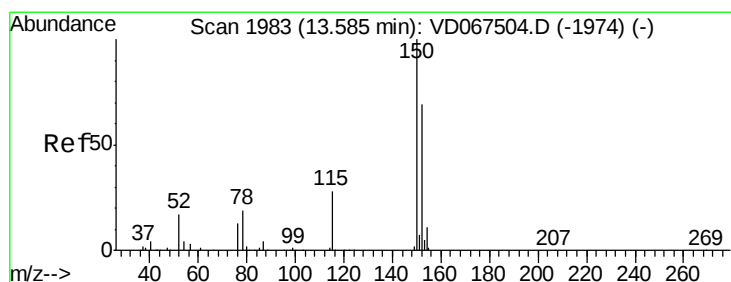
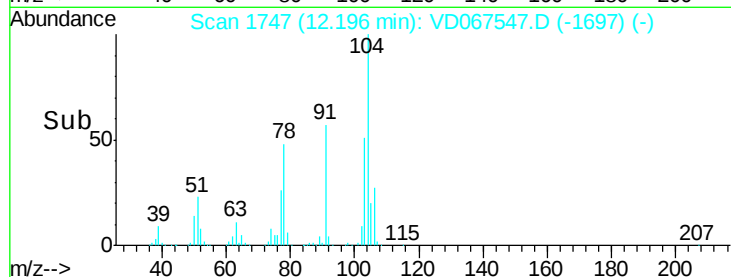
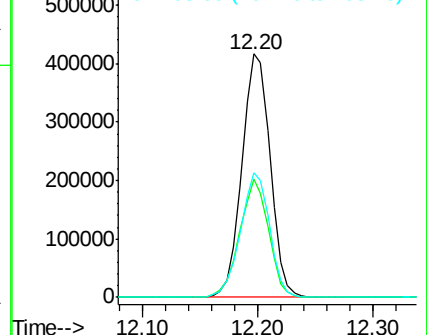
103 53.0 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VD067547.D

Acq: 06 Nov 2020 12:04

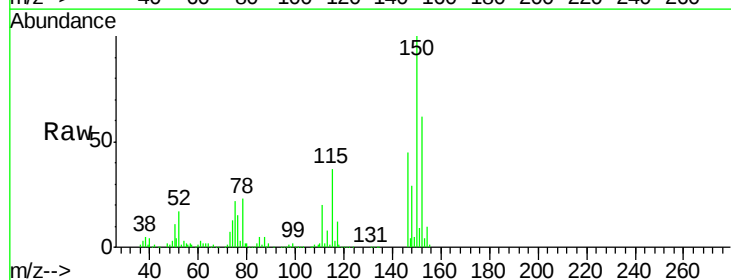
Tgt Ion:152 Resp: 214677

Ion Ratio Lower Upper

152 100

115 59.4 29.3 88.0

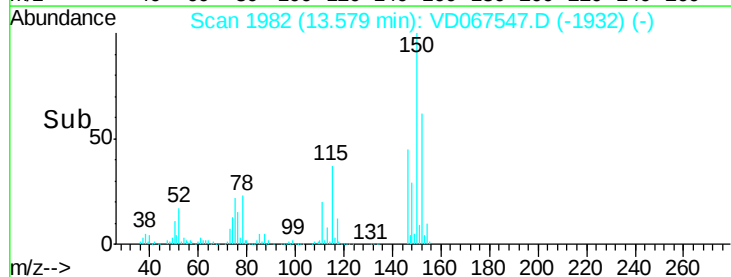
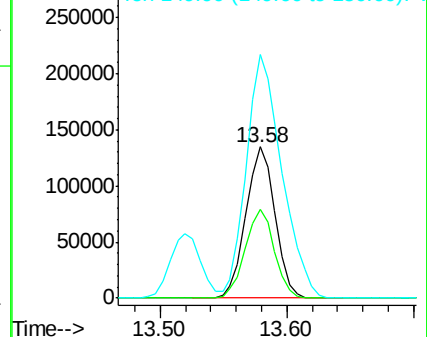
150 196.9 0.0 338.2

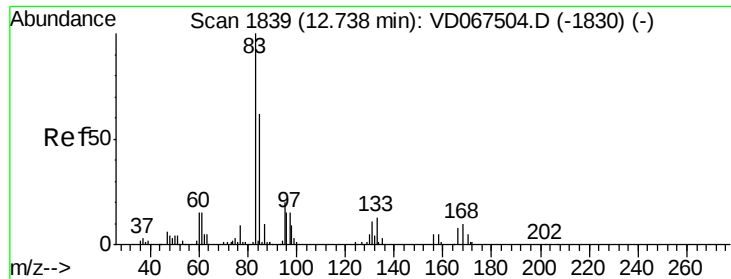


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: 79.732 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

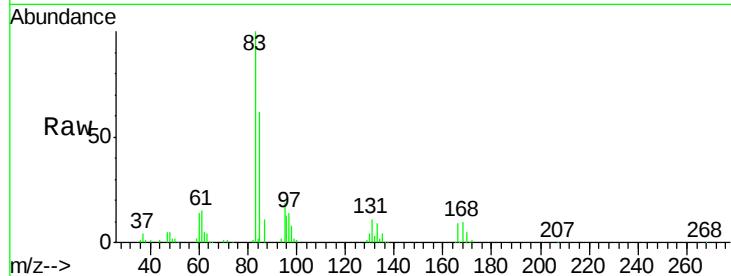
Tot Ion: 83 Resp: 150845

Ion Ratio Lower Upper

83 100

131 12.5 7.1 21.3

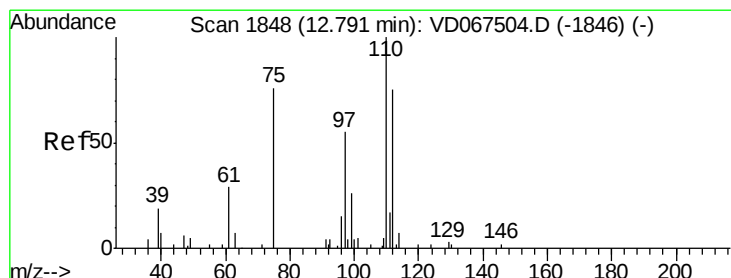
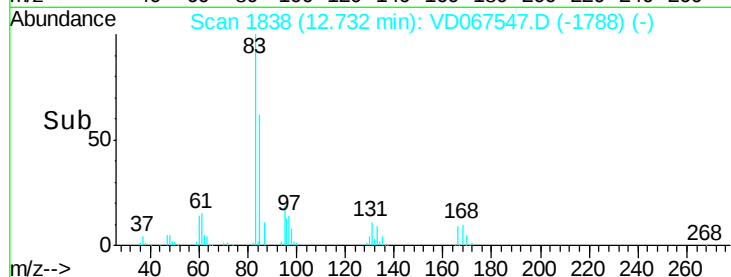
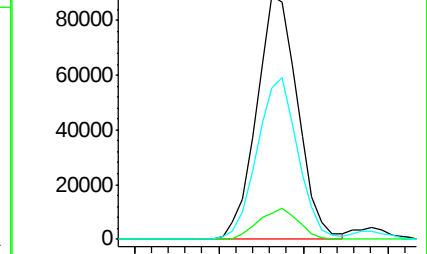
85 65.6 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 168.216 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067547.D

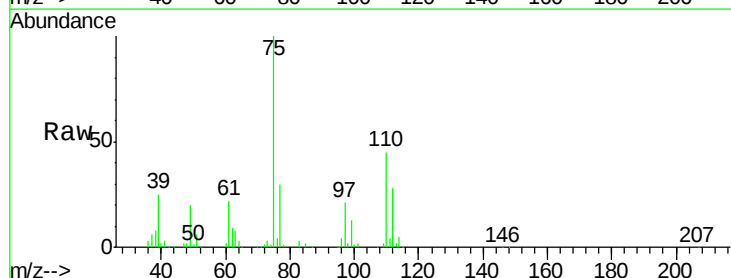
Acq: 06 Nov 2020 12:04

Tgt Ion: 75 Resp: 217848

Ion Ratio Lower Upper

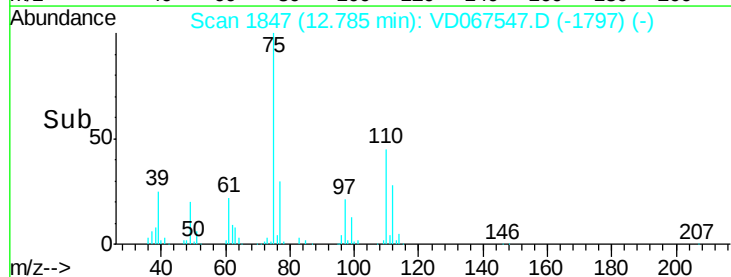
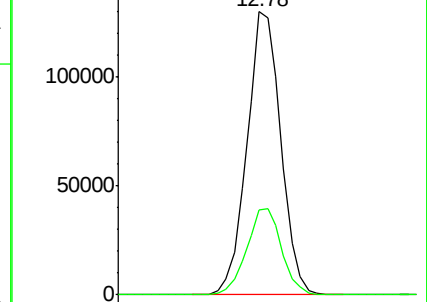
75 100

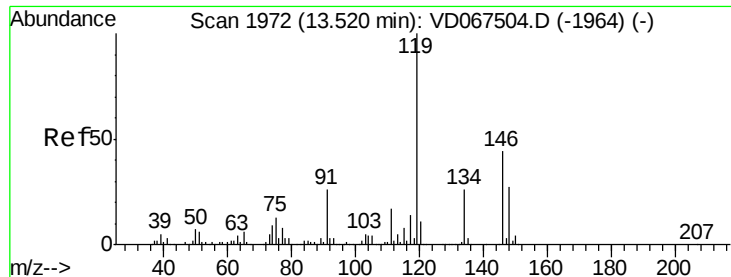
77 31.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#87

1,3-Dichlorobenzene

Concen: 144.454 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

Instrument :

MSVOA_D

ClientSampleId :

PT-VOA-SOIL

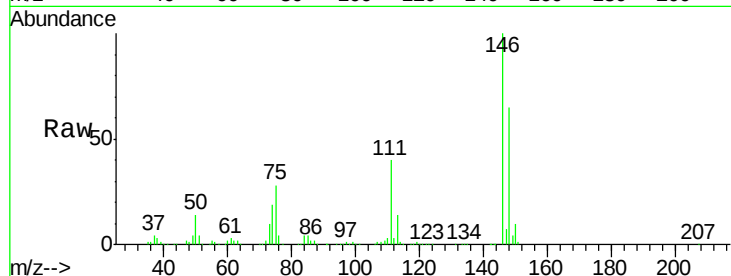
Tot Ion:146 Resp: 939195

Ion Ratio Lower Upper

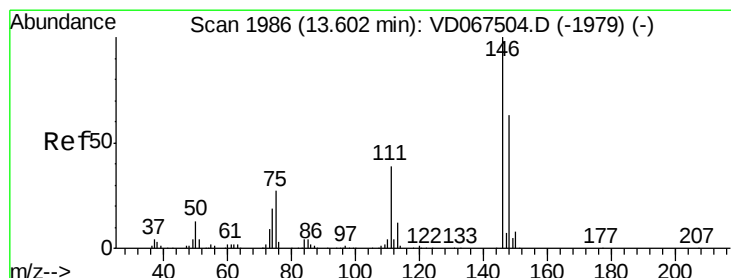
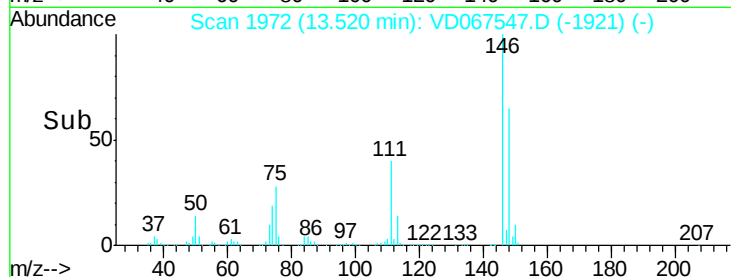
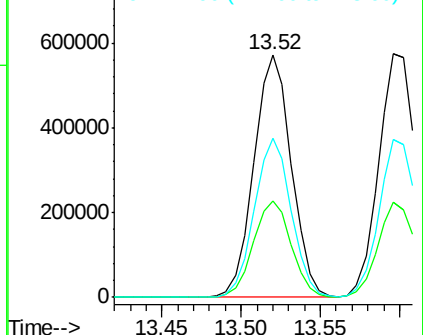
146 100

111 40.1 20.3 60.8

148 64.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 144.412 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VD067547.D

Acq: 06 Nov 2020 12:04

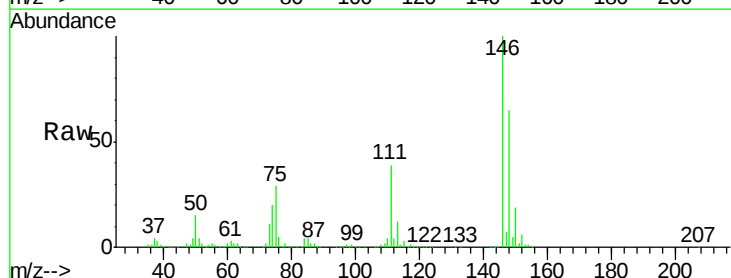
Tgt Ion:146 Resp: 950722

Ion Ratio Lower Upper

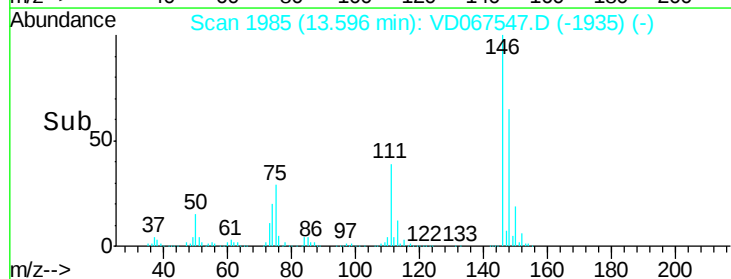
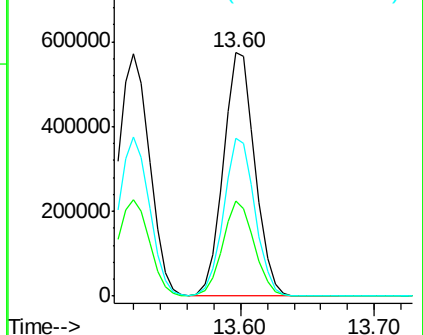
146 100

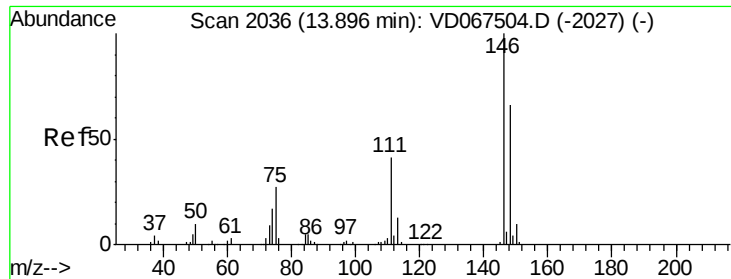
111 39.0 19.6 58.7

148 64.3 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

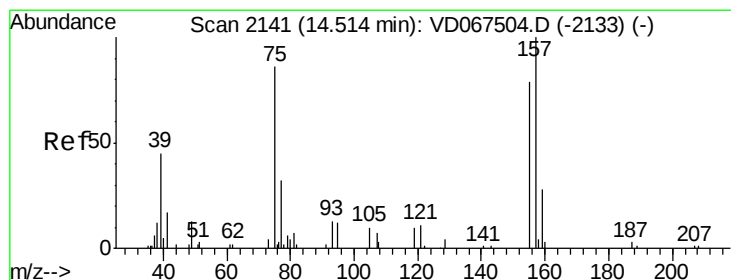
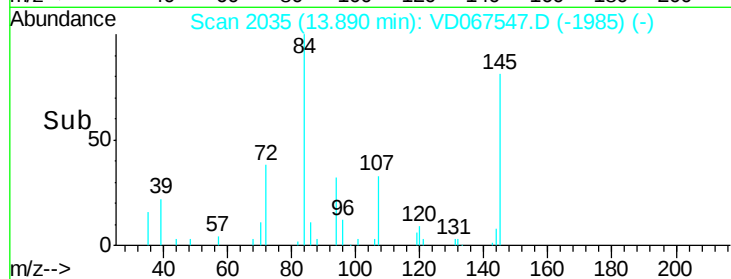
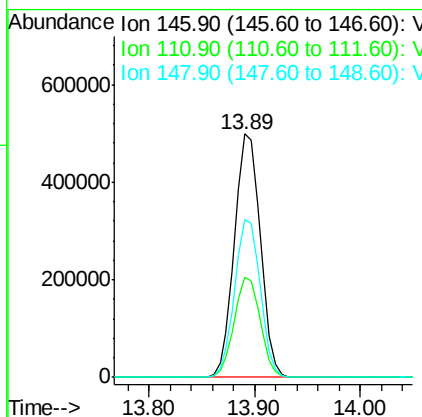
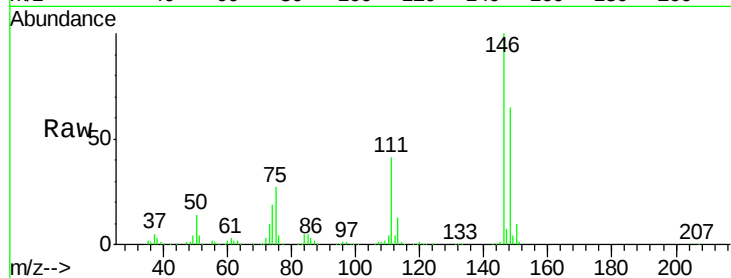




#91
 1,2-Dichlorobenzene
 Concen: 150.503 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067547.D
 Acq: 06 Nov 2020 12:04

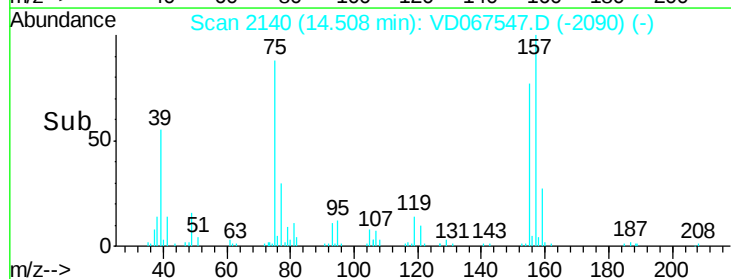
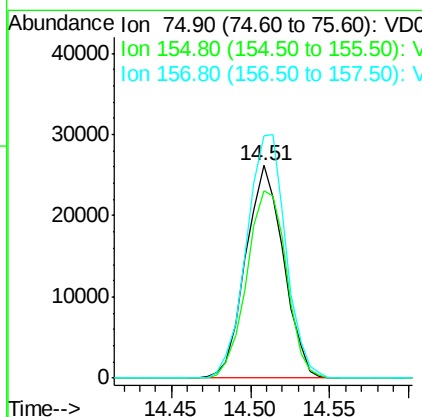
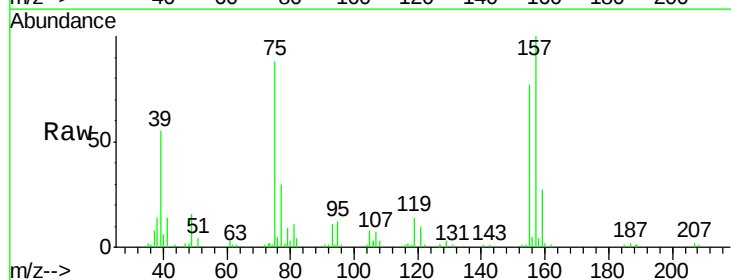
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

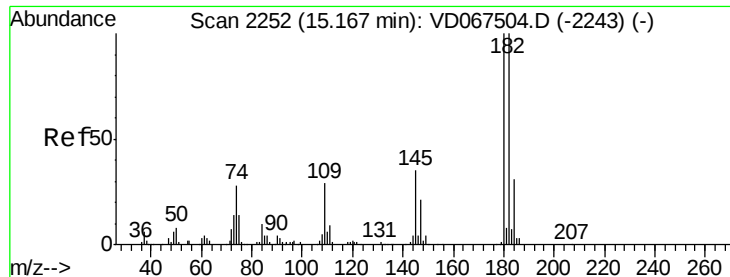
Tot Ion:146 Resp: 846873
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.7 62.1
 148 64.0 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 129.961 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067547.D
 Acq: 06 Nov 2020 12:04

Tgt Ion: 75 Resp: 43533
 Ion Ratio Lower Upper
 75 100
 155 92.2 46.6 139.8
 157 118.9 58.1 174.2

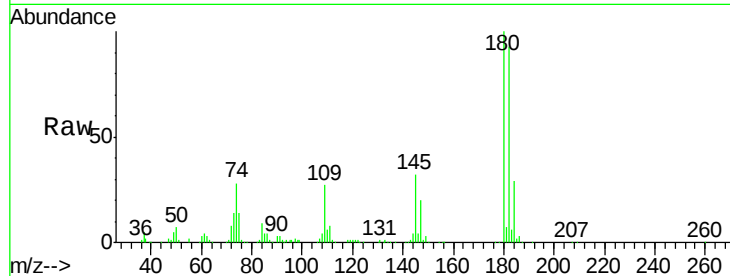




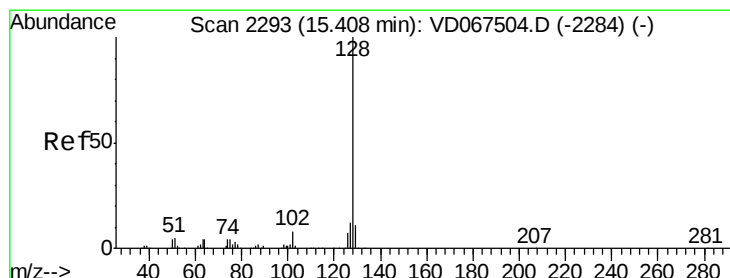
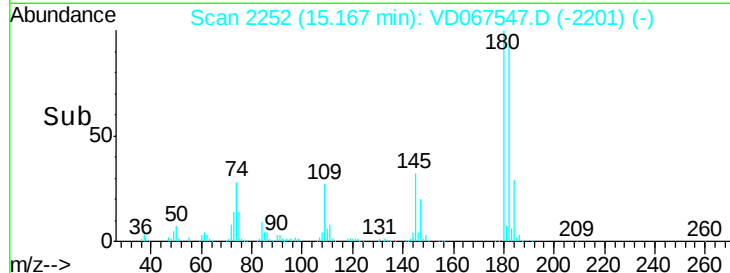
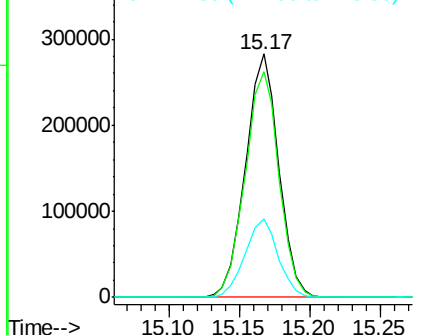
#93
 1,2,4-Trichlorobenzene
 Concen: 122.190 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067547.D
 Acq: 06 Nov 2020 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-VOA-SOIL

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.3
145	32.2	16.2	48.6

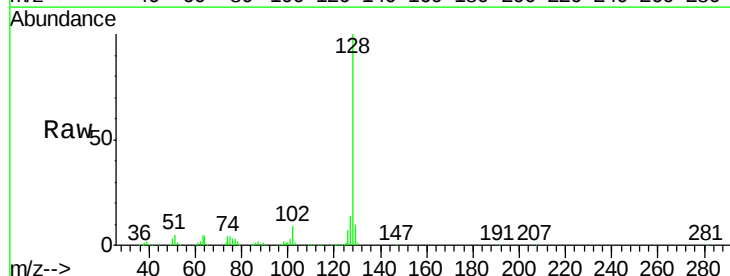


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 107.179 ug/l
 RT: 15.40 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: VD067547.D
 Acq: 06 Nov 2020 12:04

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

