

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067607.D
 Acq On : 11 Nov 2020 17:25
 Operator : VA/SY
 Sample : L4706-02
 Misc : 6.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 16874

Quant Time: Nov 12 01:09:24 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

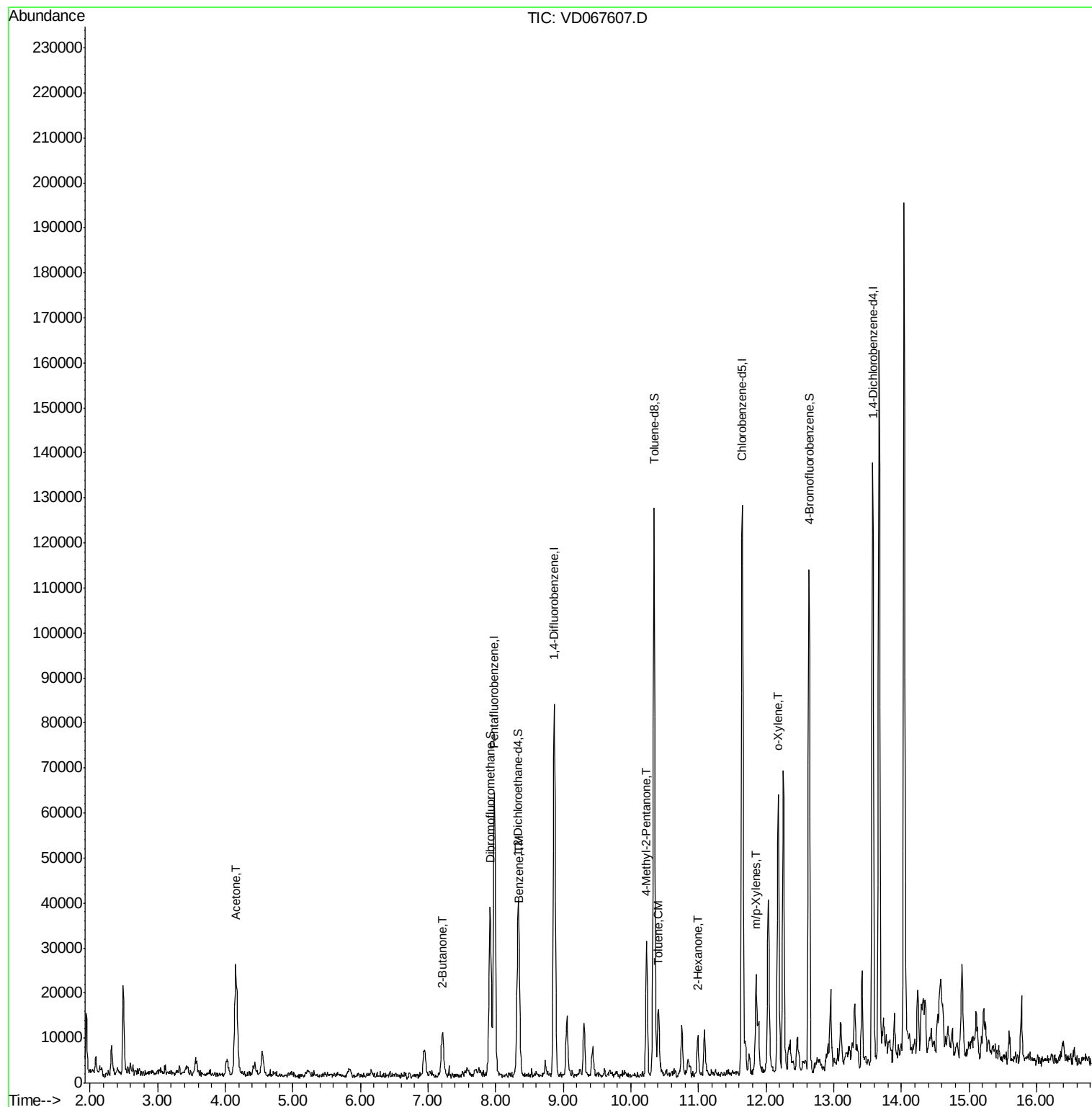
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	47105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	71772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	79211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	39227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	31071	75.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.88%	
35) Dibromofluoromethane	7.92	113	27039	62.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.06%	
50) Toluene-d8	10.34	98	86892	57.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.36%	
62) 4-Bromofluorobenzene	12.64	95	37287	71.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.14%	
Target Compounds						
16) Acetone	4.16	43	43757	709.928	ug/l	99
25) 2-Butanone	7.22	43	13832	210.023	ug/l	94
40) Benzene	8.36	78	5315	3.194	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	18542	122.909	ug/l	97
52) Toluene	10.41	92	6643	5.960	ug/l	92
59) 2-Hexanone	10.98	43	5973	56.626	ug/l	81
68) m/p-Xylenes	11.86	106	6427	6.327	ug/l	98
69) o-Xylene	12.18	106	11274	12.431	ug/l	88

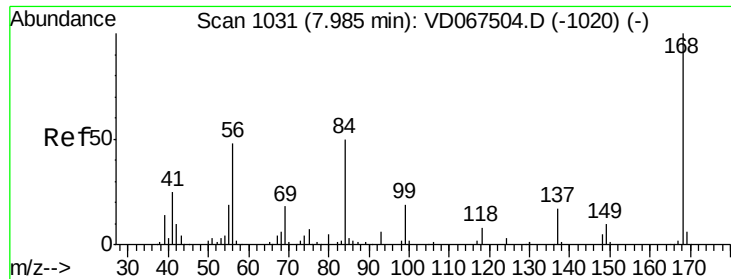
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067607.D
Acq On : 11 Nov 2020 17:25
Operator : VA/SY
Sample : L4706-02
Misc : 6.37G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
16874

Quant Time: Nov 12 01:09:24 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: VD067607.D

Acq: 11 Nov 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

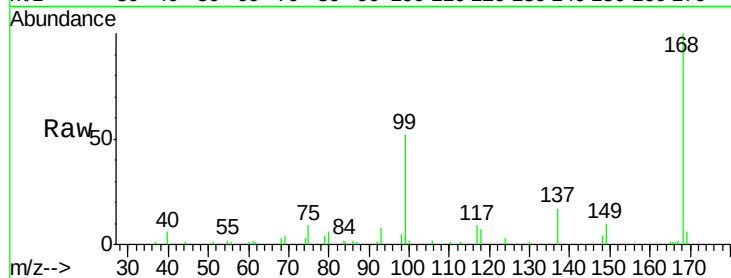
16874

Tot Ion:168 Resp: 47105

Ion Ratio Lower Upper

168 100

99 52.3 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

25000

20000

15000

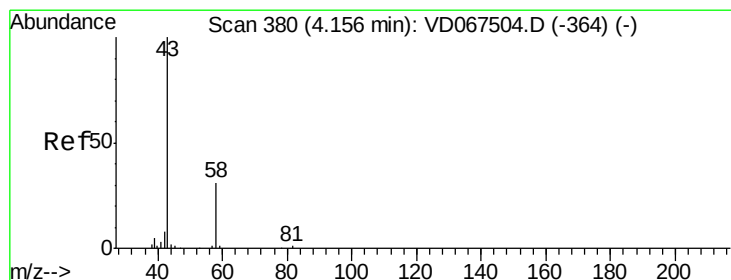
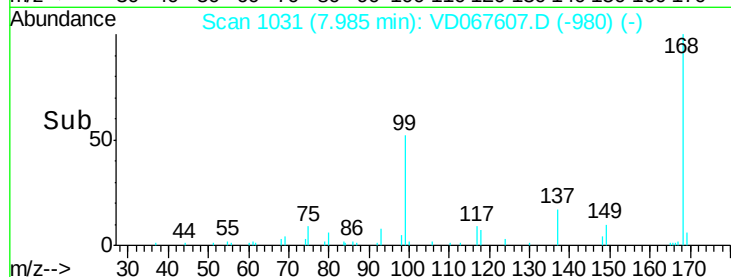
10000

5000

0

Time-->

7.90 7.95 8.00 8.05 8.10



#16

Acetone

Concen: 709.928 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067607.D

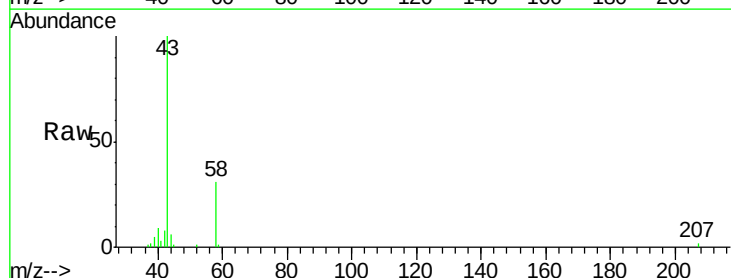
Acq: 11 Nov 2020 17:25

Tgt Ion: 43 Resp: 43757

Ion Ratio Lower Upper

43 100

58 31.2 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

15000

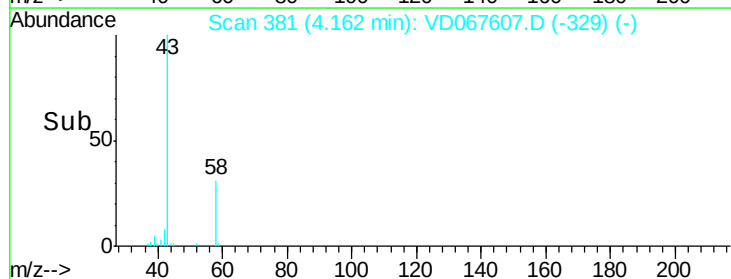
10000

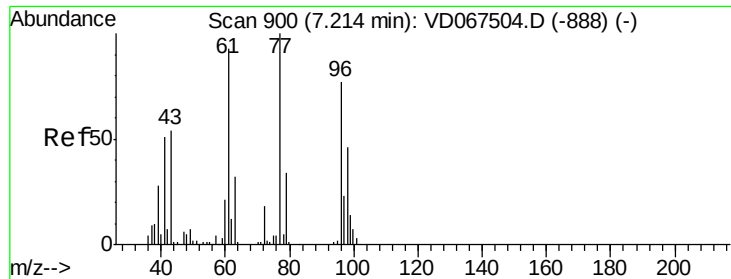
5000

0

Time-->

4.10 4.15 4.20 4.30





#25

2-Butanone

Concen: 210.023 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067607.D

Acq: 11 Nov 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

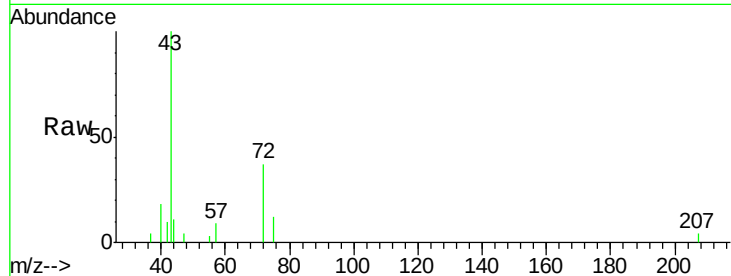
16874

Tot Ion: 43 Resp: 13832

Ion Ratio Lower Upper

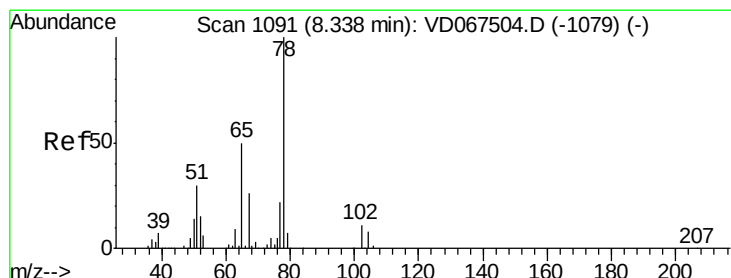
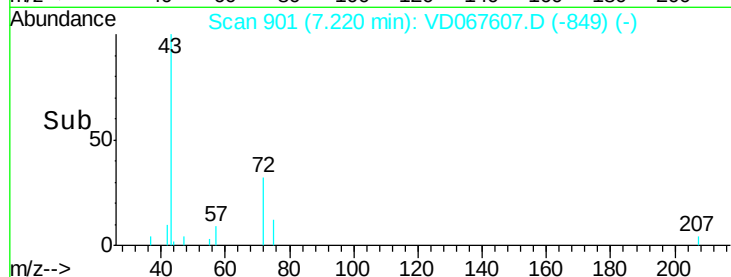
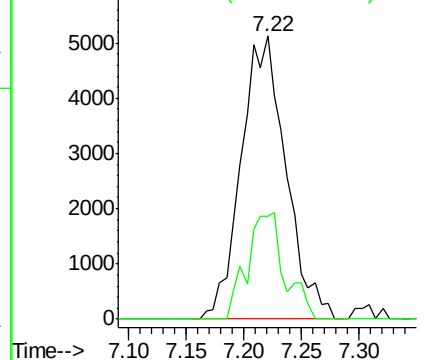
43 100

72 36.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 75.437 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067607.D

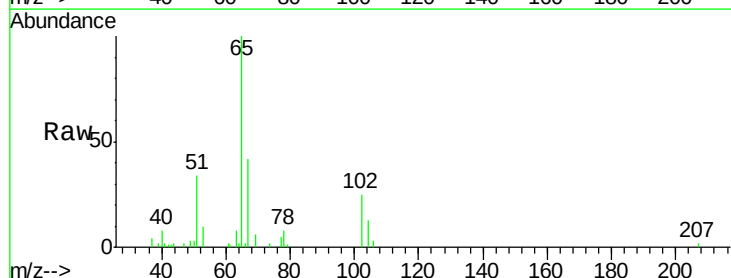
Acq: 11 Nov 2020 17:25

Tgt Ion: 65 Resp: 31071

Ion Ratio Lower Upper

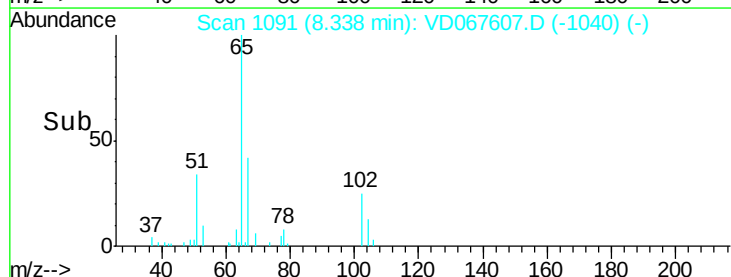
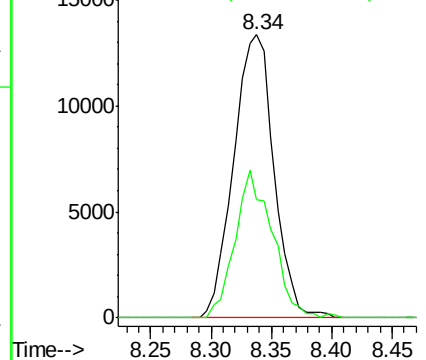
65 100

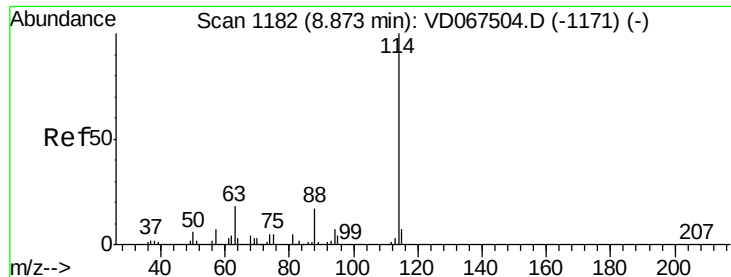
67 47.9 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

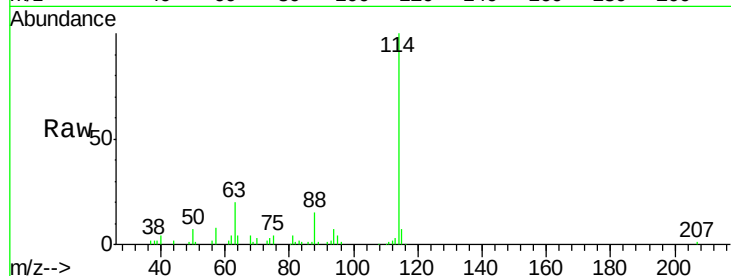




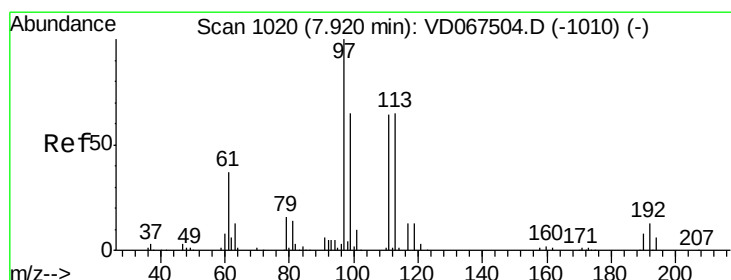
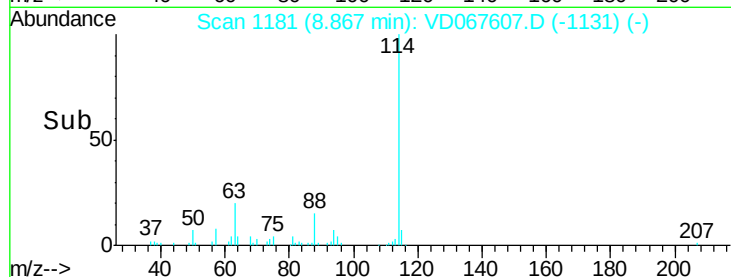
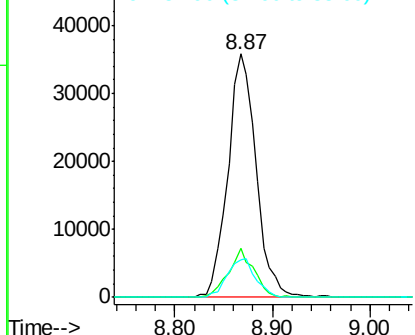
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067607.D
 Acq: 11 Nov 2020 17:25

Instrument :
 MSVOA_D
 ClientSampleId :
 16874

Tot Ion:114 Resp: 71772
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 35.0
 88 15.2 0.0 33.0

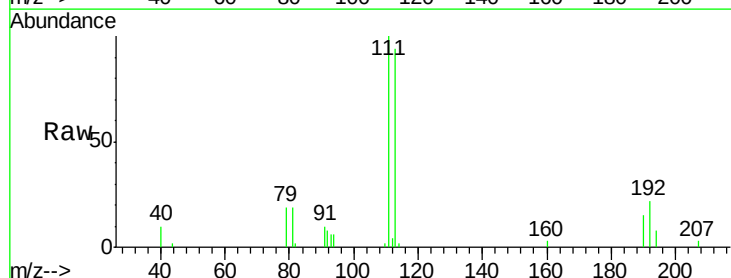


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

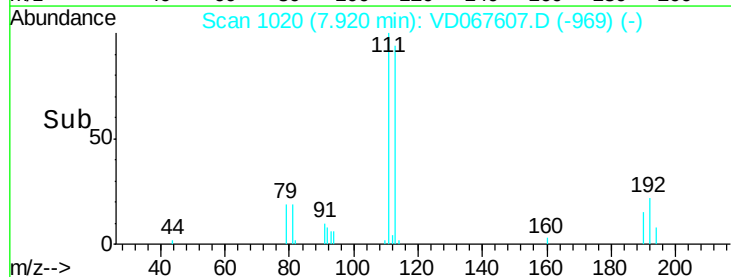
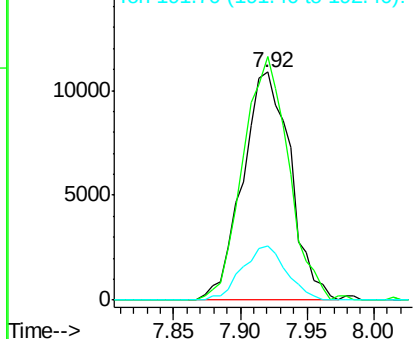


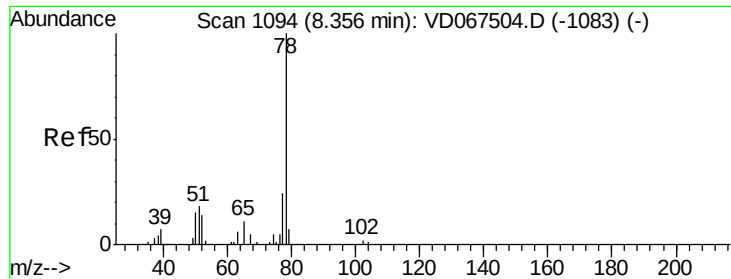
#35
 Dibromofluoromethane
 Concen: 62.529 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067607.D
 Acq: 11 Nov 2020 17:25

Tgt Ion:113 Resp: 27039
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.0 120.0
 192 22.2 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





#40

Benzene

Concen: 3.194 ug/l

RT: 8.36 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VD067607.D

Acq: 11 Nov 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

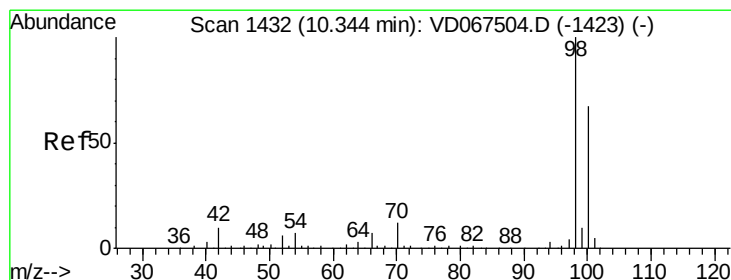
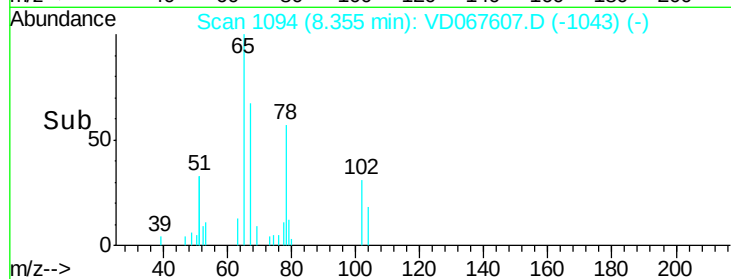
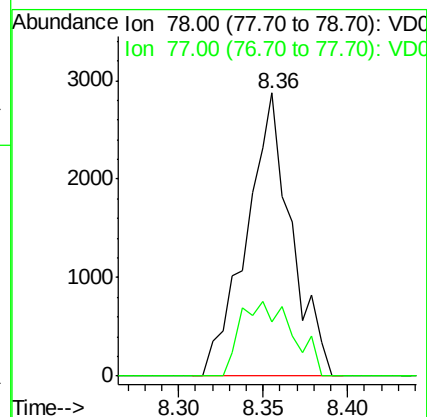
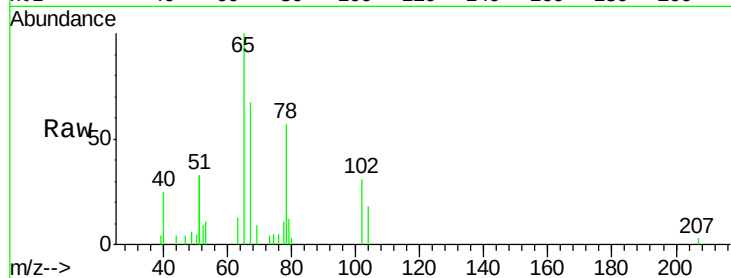
16874

Tot Ion: 78 Resp: 5315

Ion Ratio Lower Upper

78 100

77 19.2 19.1 28.7



#50

Toluene-d8

Concen: 57.179 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067607.D

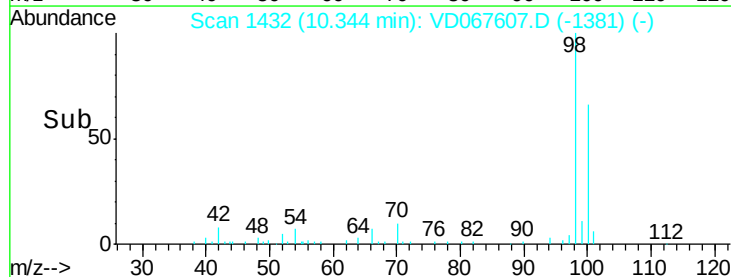
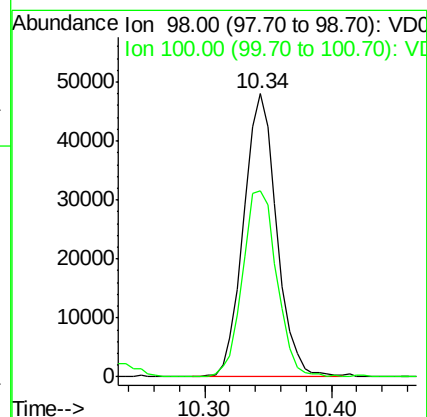
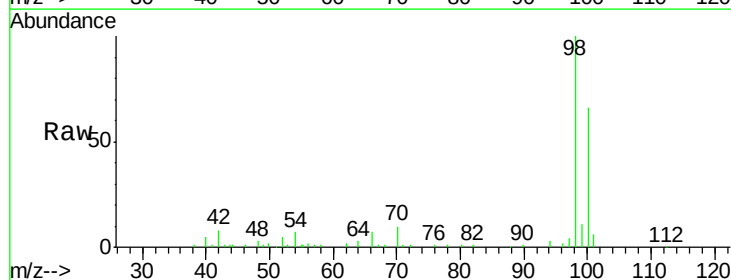
Acq: 11 Nov 2020 17:25

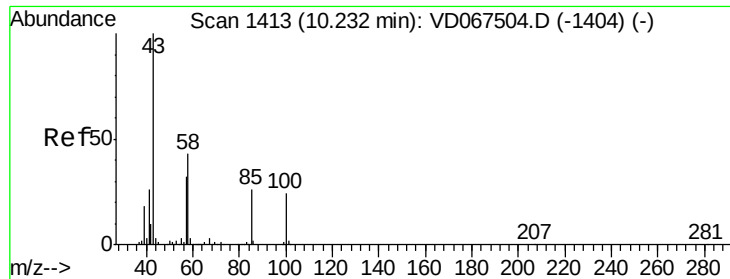
Tgt Ion: 98 Resp: 86892

Ion Ratio Lower Upper

98 100

100 68.3 53.0 79.6

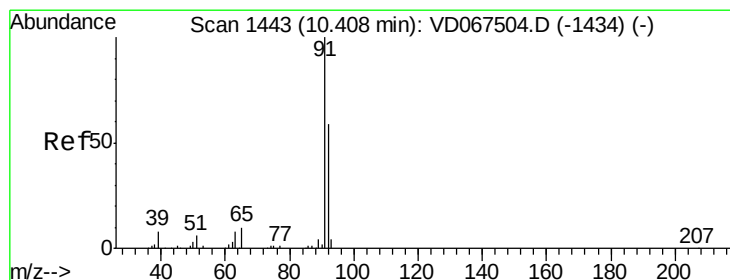
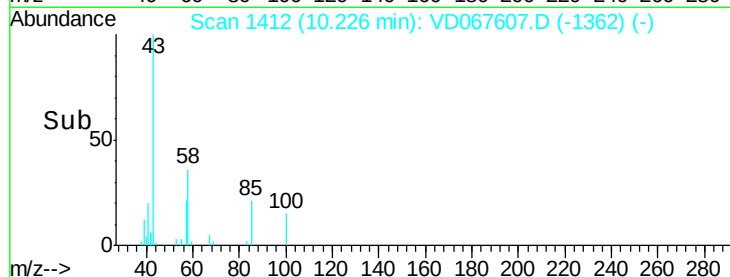
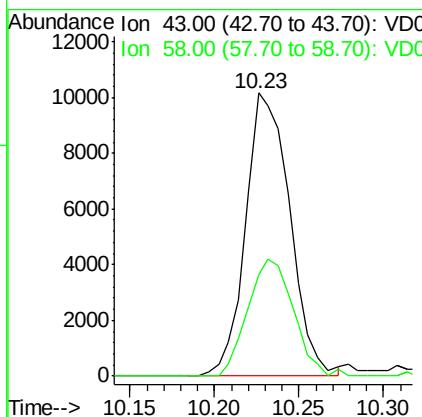
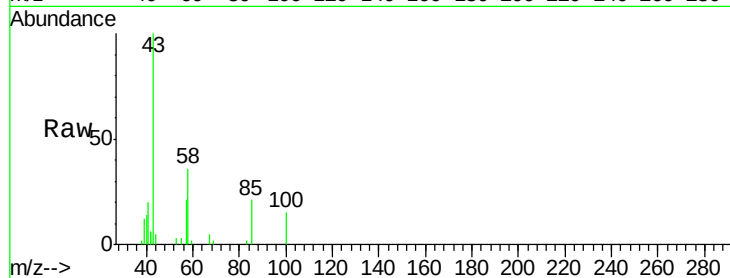




#51
 4-Methyl-2-Pentanone
 Concen: 122.909 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: VD067607.D
 Acq: 11 Nov 2020 17:25

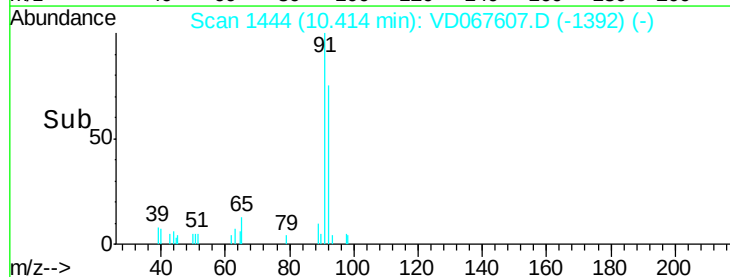
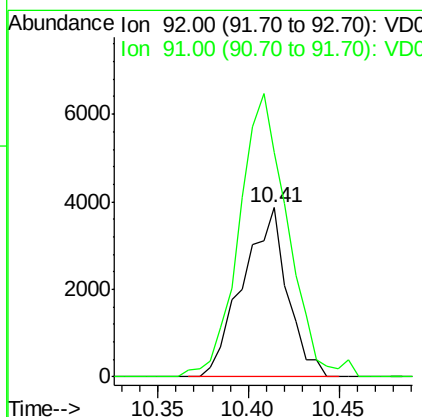
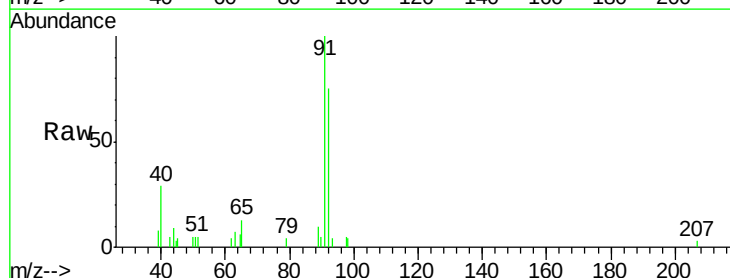
Instrument :
 MSVOA_D
 ClientSampleID :
 16874

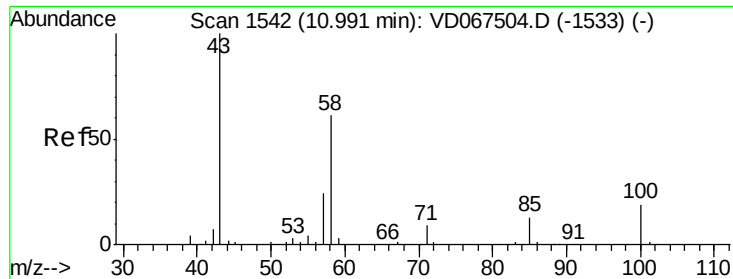
Tot Ion: 43 Resp: 18542
 Ion Ratio Lower Upper
 43 100
 58 42.4 35.6 53.4



#52
 Toluene
 Concen: 5.960 ug/l
 RT: 10.41 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: VD067607.D
 Acq: 11 Nov 2020 17:25

Tgt Ion: 92 Resp: 6643
 Ion Ratio Lower Upper
 92 100
 91 181.9 137.0 205.6

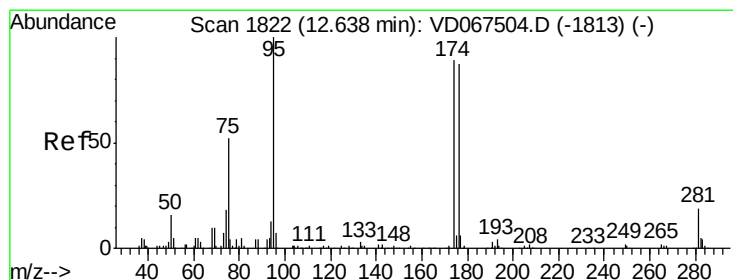
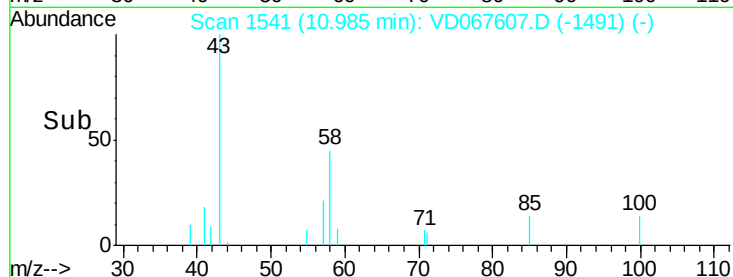
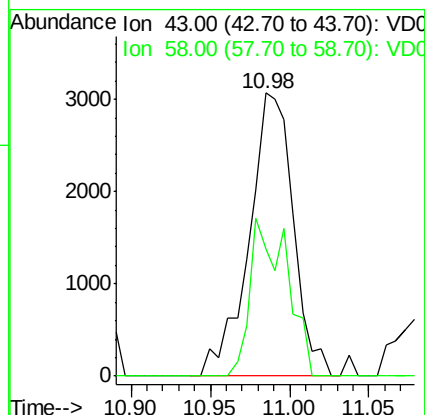
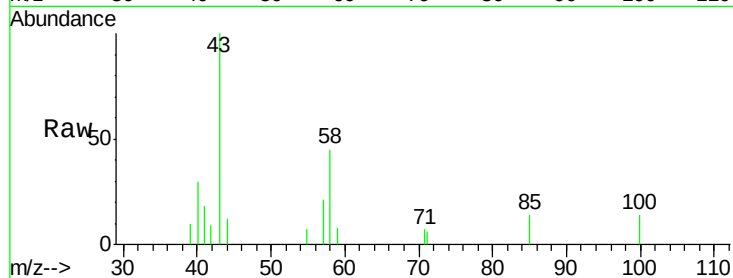




#59
2-Hexanone
Concen: 56.626 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067607.D
Acq: 11 Nov 2020 17:25

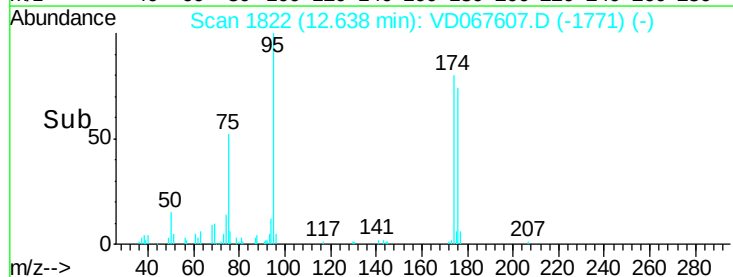
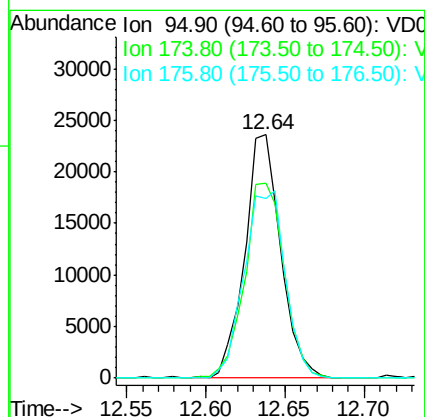
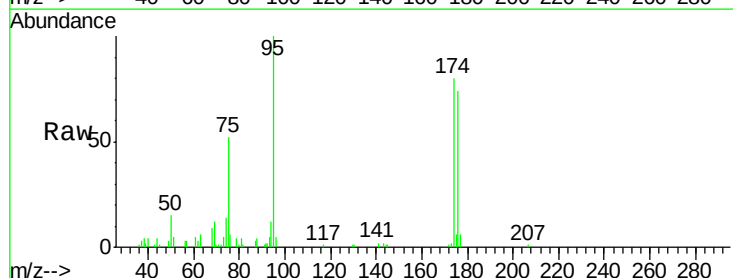
Instrument :
MSVOA_D
ClientSampleId :
16874

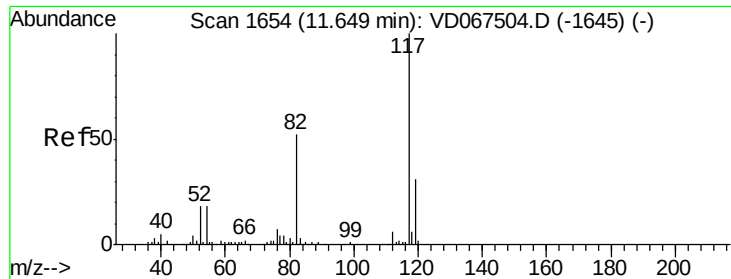
Tot Ion: 43 Resp: 5973
Ion Ratio Lower Upper
43 100
58 46.4 30.3 90.9



#62
4-Bromofluorobenzene
Concen: 71.070 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067607.D
Acq: 11 Nov 2020 17:25

Tgt Ion: 95 Resp: 37287
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.8
176 87.7 0.0 172.0

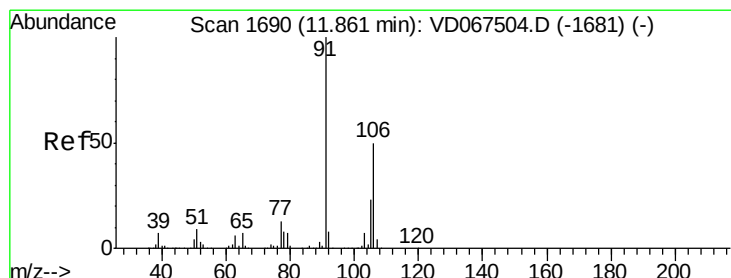
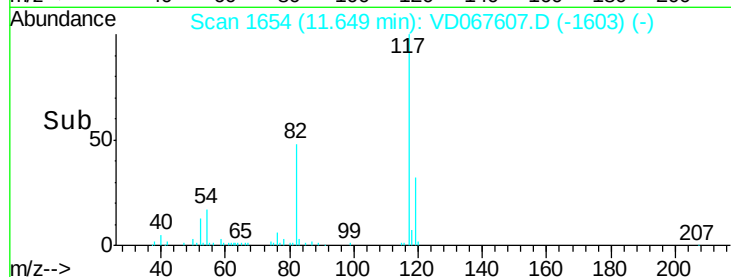
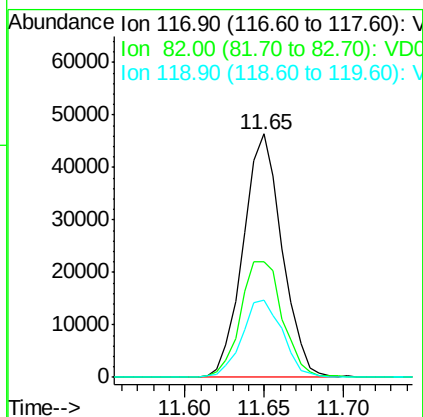
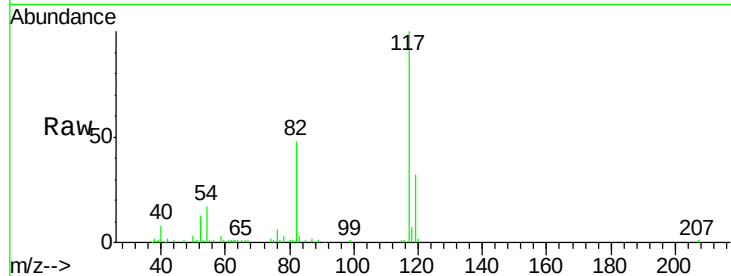




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067607.D
Acq: 11 Nov 2020 17:25

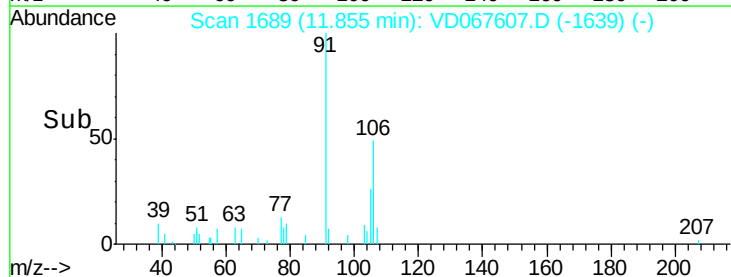
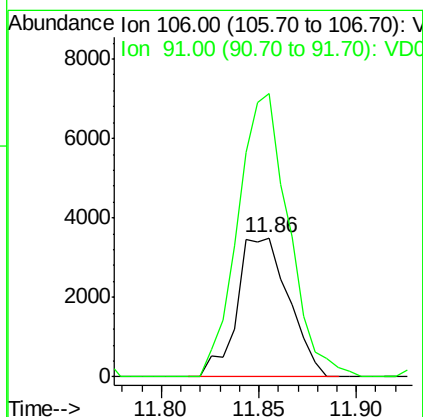
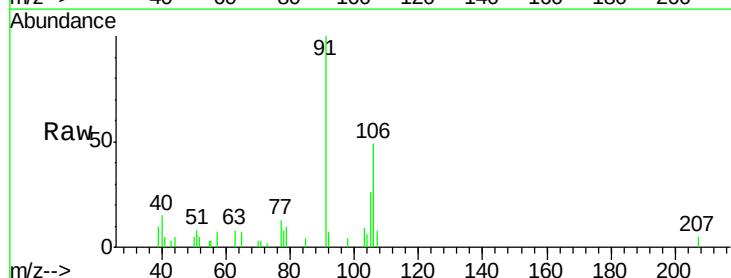
Instrument :
MSVOA_D
ClientSampleId :
16874

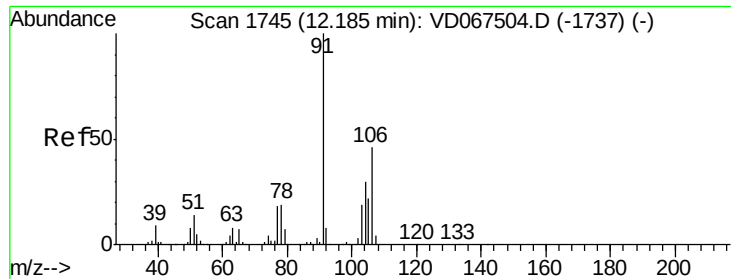
Tot Ion:117 Resp: 79211
Ion Ratio Lower Upper
117 100
82 47.6 41.6 62.4
119 31.9 25.1 37.7



#68
m/p-Xylenes
Concen: 6.327 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067607.D
Acq: 11 Nov 2020 17:25

Tgt Ion:106 Resp: 6427
Ion Ratio Lower Upper
106 100
91 200.2 162.6 244.0

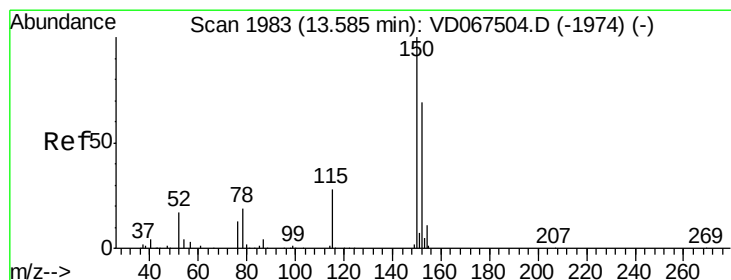
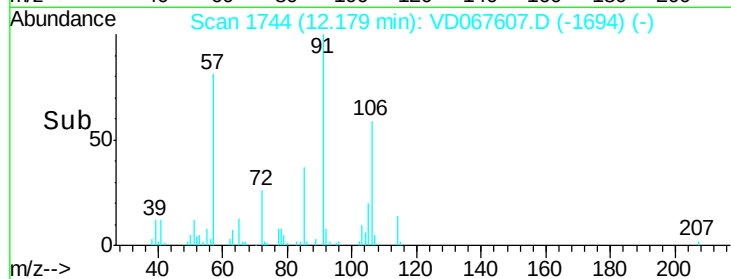
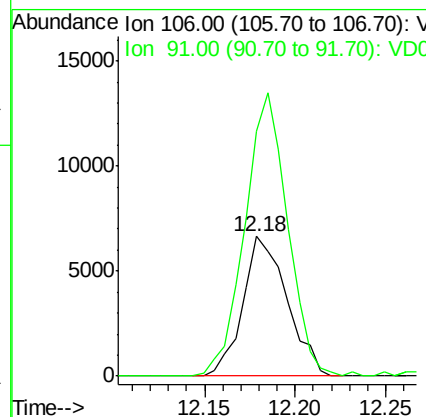
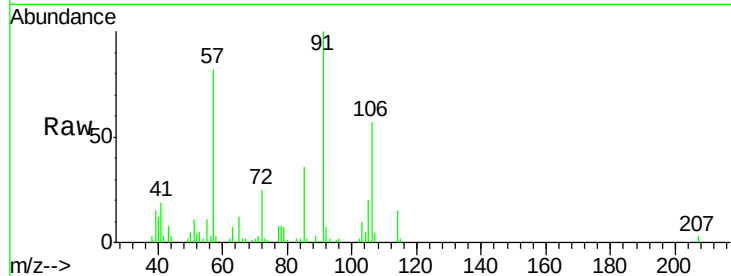




#69
o-Xylene
Concen: 12.431 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD067607.D
Acq: 11 Nov 2020 17:25

Instrument :
MSVOA_D
ClientSampled :
16874

Tot Ion:106 Resp: 11274
Ion Ratio Lower Upper
106 100
91 195.4 107.1 321.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067607.D
Acq: 11 Nov 2020 17:25

Tgt Ion:152 Resp: 39227
Ion Ratio Lower Upper
152 100
115 56.2 29.3 88.0
150 152.1 0.0 338.2

