

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101620\
 Data File : VD067296.D
 Acq On : 16 Oct 2020 13:45
 Operator : VA/SY
 Sample : L4224-06
 Misc : 7.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-101520

Quant Time: Oct 17 01:03:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

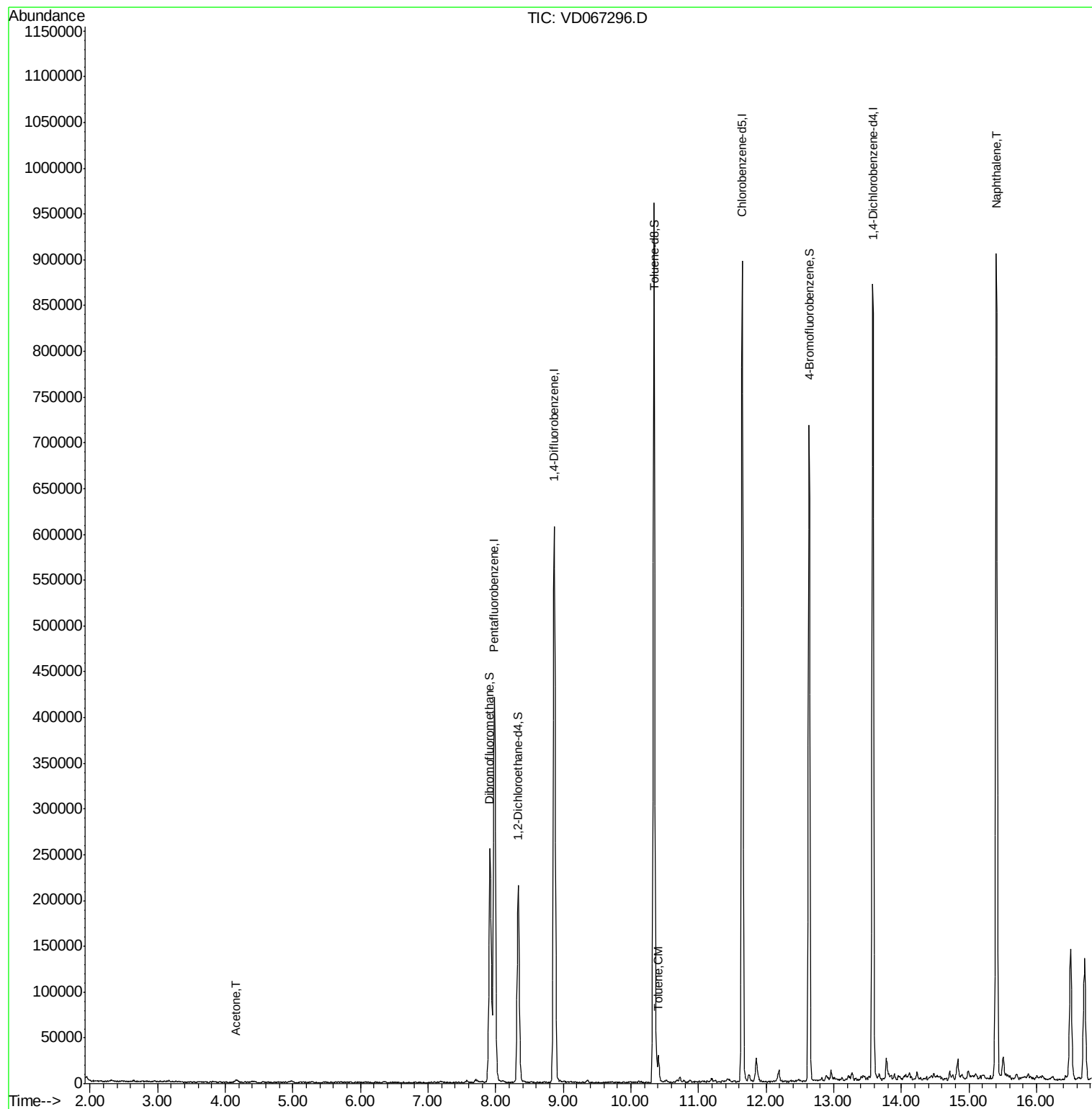
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	326224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	544375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	531468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	183917	56.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.54%	
35) Dibromofluoromethane	7.91	113	182500	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.34	98	645489	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.64	95	229909	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
Target Compounds						
16) Acetone	4.16	43	5069	11.074	ug/l	94
52) Toluene	10.41	92	11625	1.348	ug/l	97
95) Naphthalene	15.41	128	816125	113.082	ug/l	99

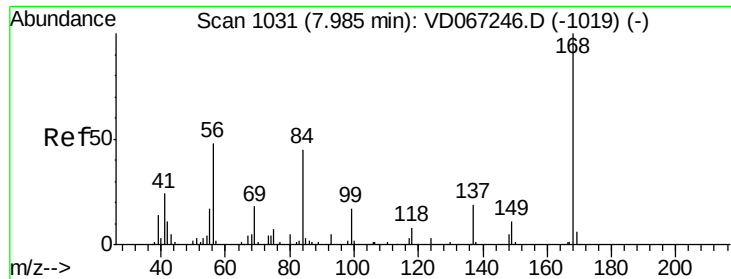
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101620\
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Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 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: VD067296.D

Acq: 16 Oct 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

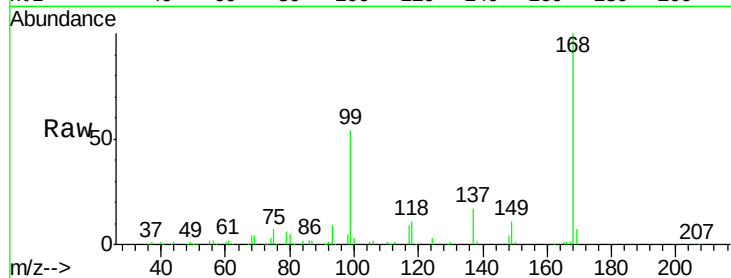
OR-03-101520

Tot Ion:168 Resp: 326224

Ion Ratio Lower Upper

168 100

99 54.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

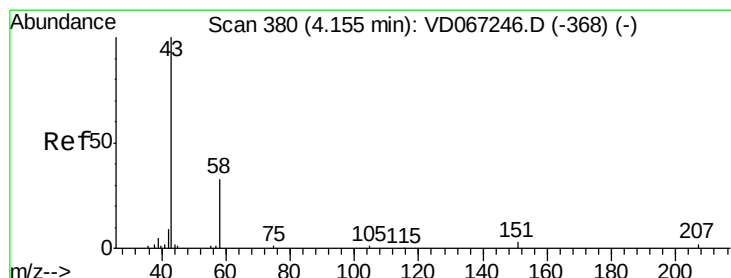
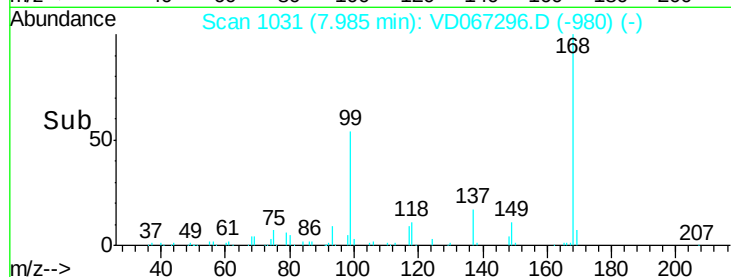
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.074 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067296.D

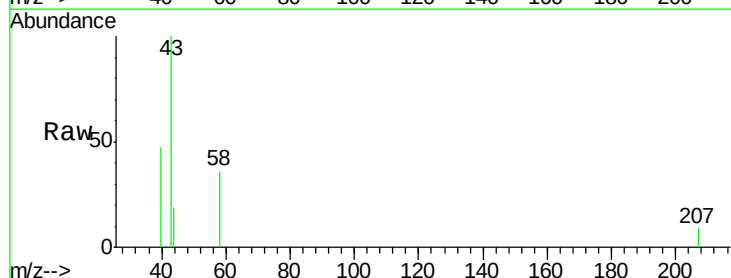
Acq: 16 Oct 2020 13:45

Tgt Ion: 43 Resp: 5069

Ion Ratio Lower Upper

43 100

58 36.1 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2000

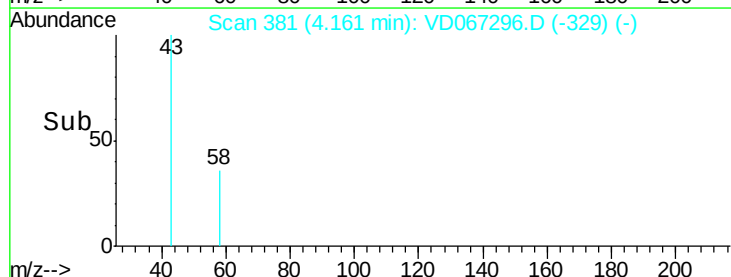
1500

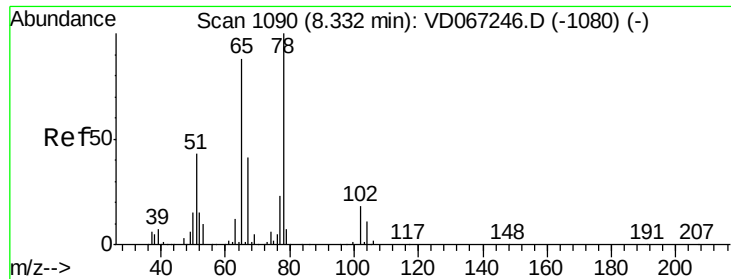
1000

500

0

Time-->

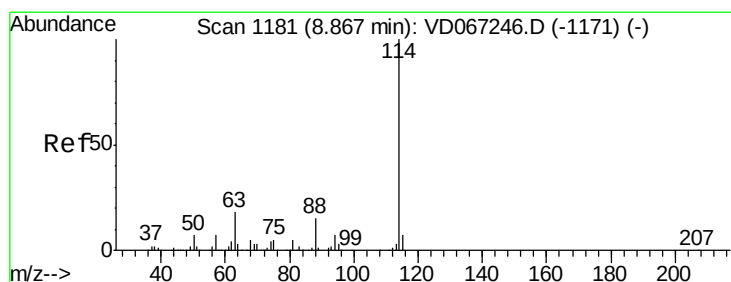
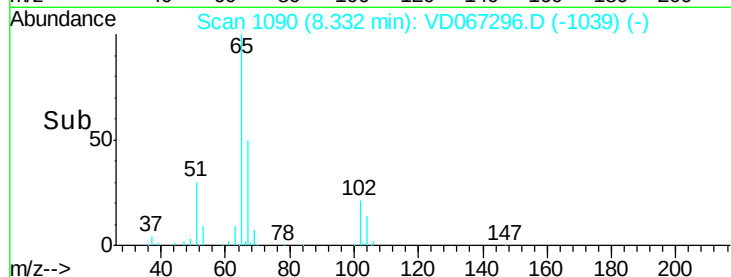
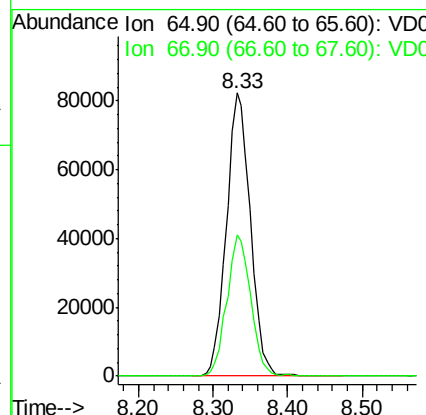
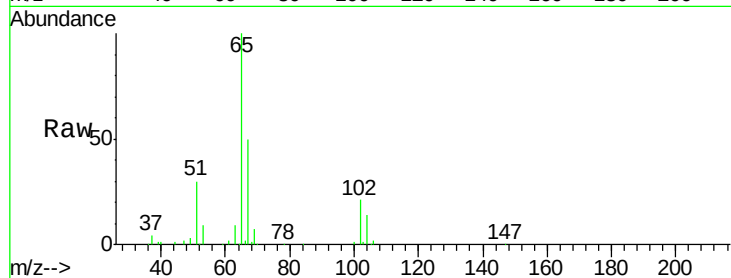




#33
 1,2-Dichloroethane-d4
 Concen: 56.273 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067296.D
 Acq: 16 Oct 2020 13:45

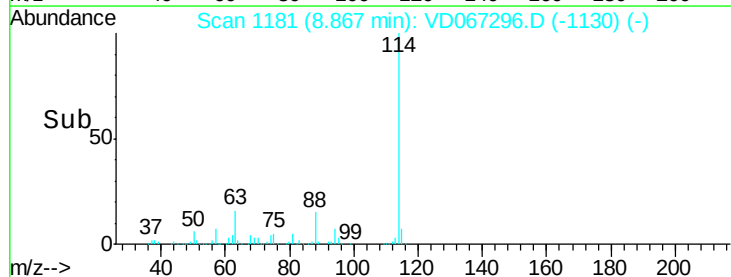
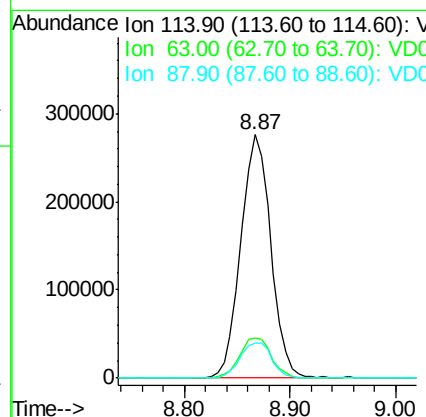
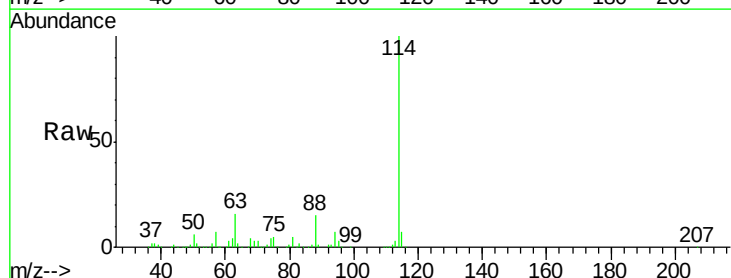
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-101520

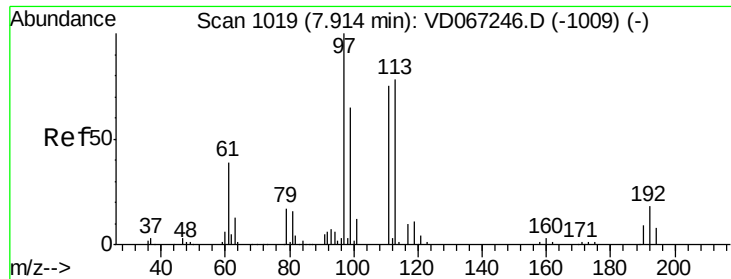
Tot Ion: 65 Resp: 183917
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067296.D
 Acq: 16 Oct 2020 13:45

Tgt Ion: 114 Resp: 544375
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 35.0
 88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.375 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067296.D

Acq: 16 Oct 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

OR-03-101520

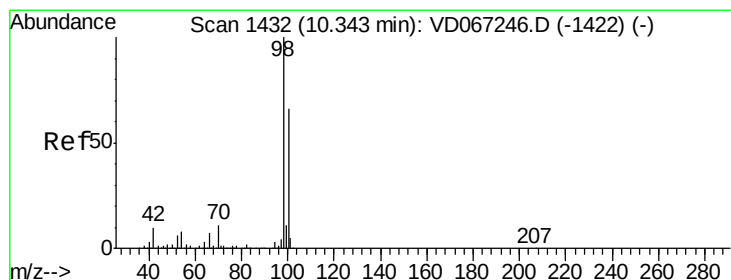
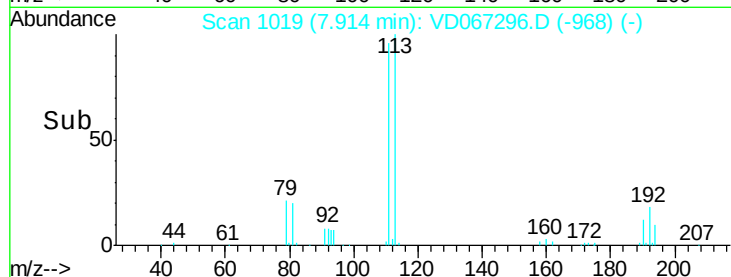
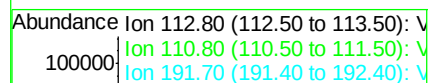
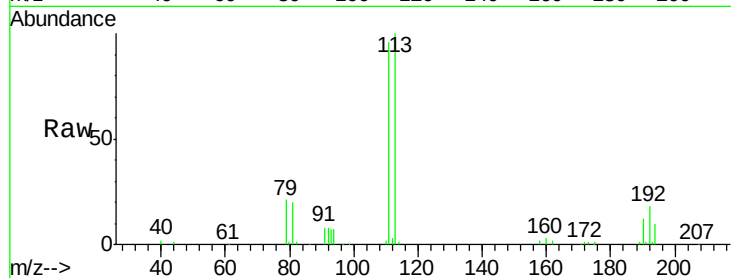
Tot Ion:113 Resp: 182500

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

192 20.2 17.0 25.4



#50

Toluene-d8

Concen: 49.234 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067296.D

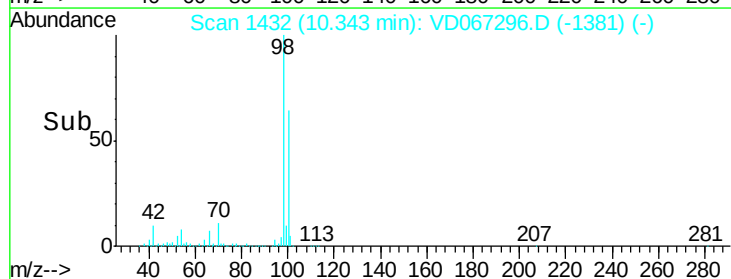
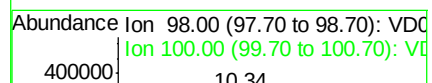
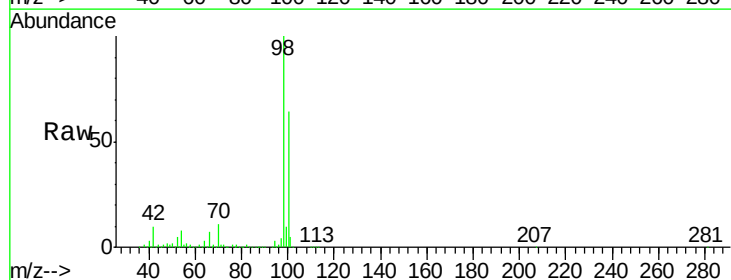
Acq: 16 Oct 2020 13:45

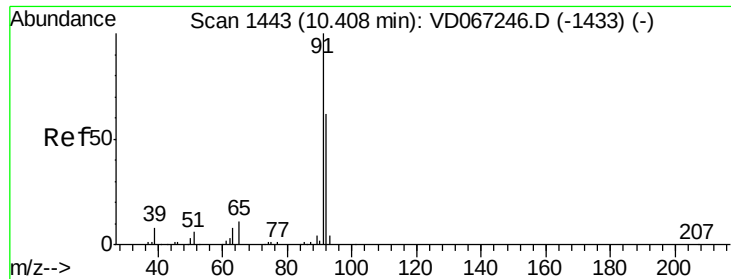
Tgt Ion: 98 Resp: 645489

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





#52

Toluene

Concen: 1.348 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067296.D

Acq: 16 Oct 2020 13:45

Instrument :

MSVOA_D

ClientSampleId :

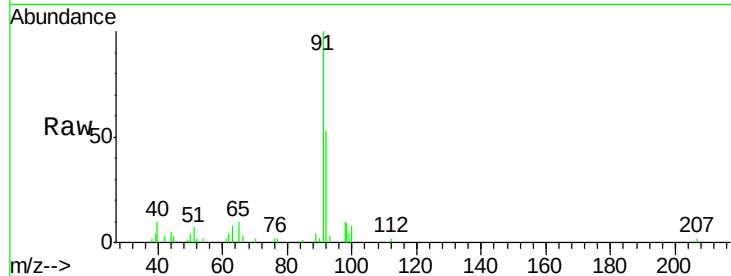
OR-03-101520

Tot Ion: 92 Resp: 11625

Ion Ratio Lower Upper

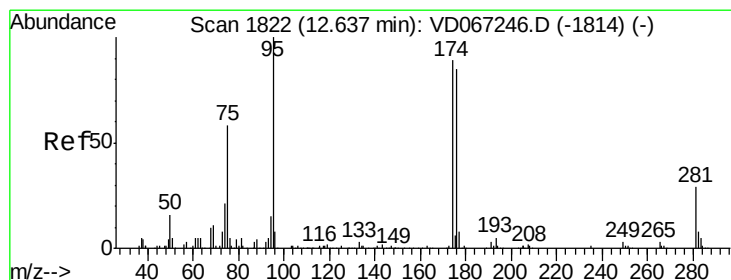
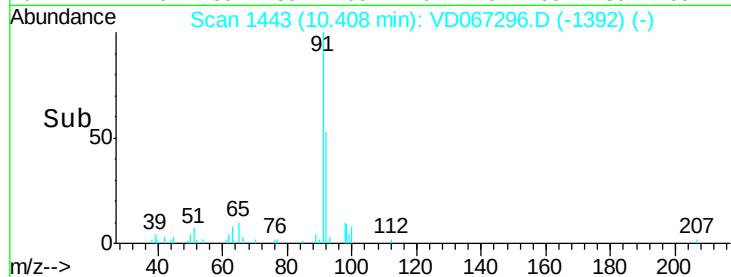
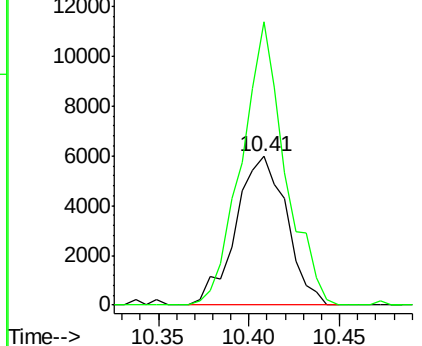
92 100

91 163.6 133.8 200.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.431 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067296.D

Acq: 16 Oct 2020 13:45

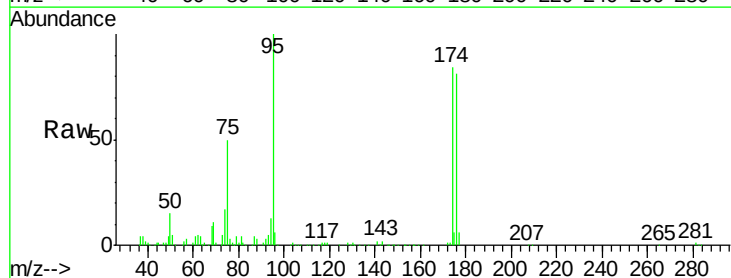
Tgt Ion: 95 Resp: 229909

Ion Ratio Lower Upper

95 100

174 85.9 0.0 175.2

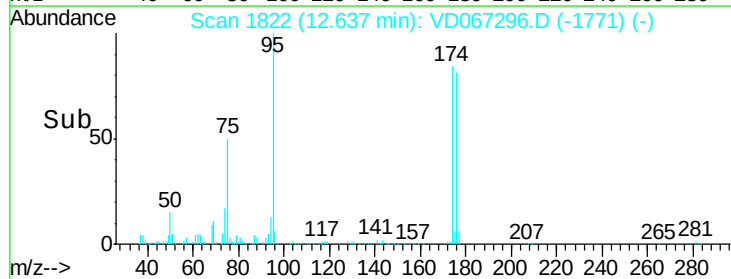
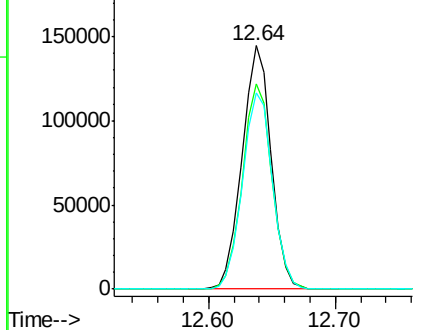
176 83.4 0.0 168.6

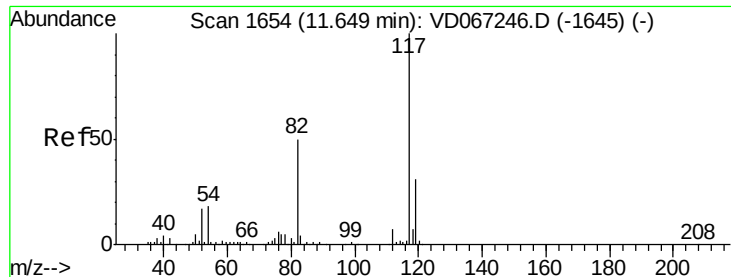


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

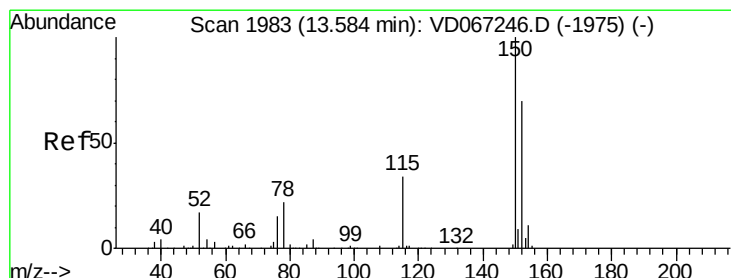
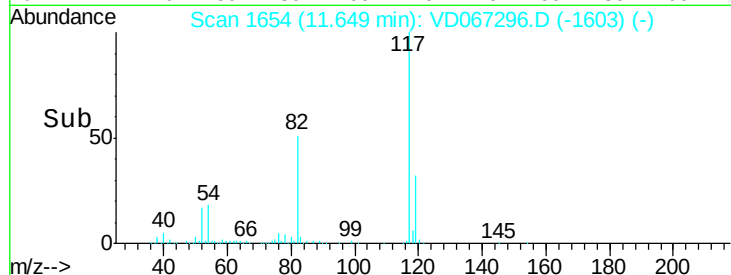
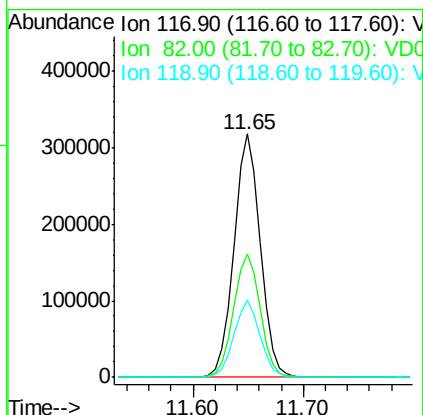
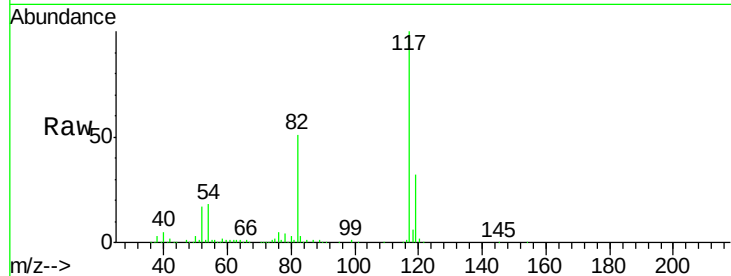




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067296.D
Acq: 16 Oct 2020 13:45

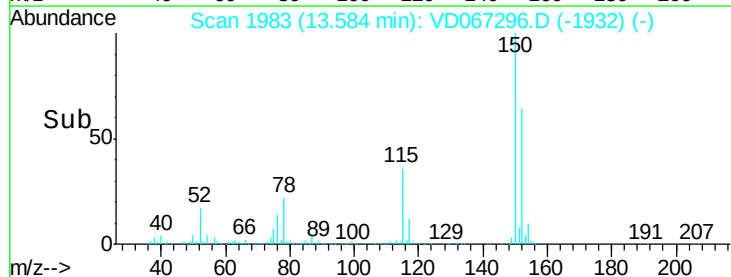
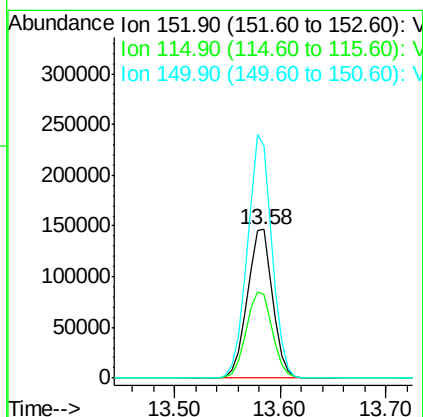
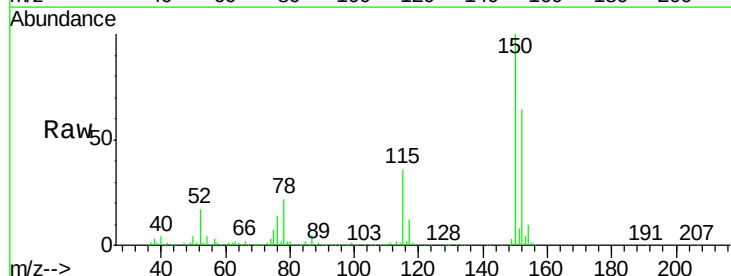
Instrument :
MSVOA_D
ClientSampleId :
OR-03-101520

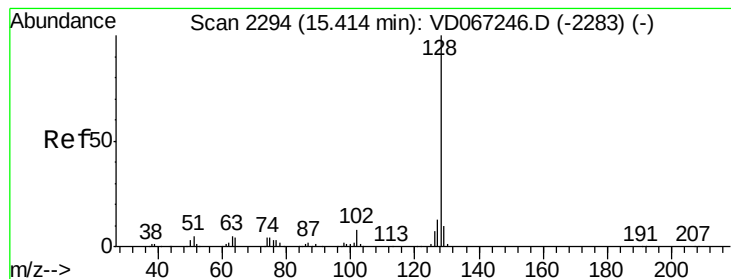
Tot Ion:117 Resp: 531468
Ion Ratio Lower Upper
117 100
82 50.8 39.9 59.9
119 31.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD067296.D
Acq: 16 Oct 2020 13:45

Tgt Ion:152 Resp: 245052
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.9
150 158.3 0.0 339.0





#95
 Naphthalene
 Concen: 113.082 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: VD067296.D
 Acq: 16 Oct 2020 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-101520

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.6	12.8

