

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067515.D
 Acq On : 04 Nov 2020 12:53
 Operator : VA/SY
 Sample : L4613-03
 Misc : 5.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 282

Quant Time: Nov 05 01:15:47 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

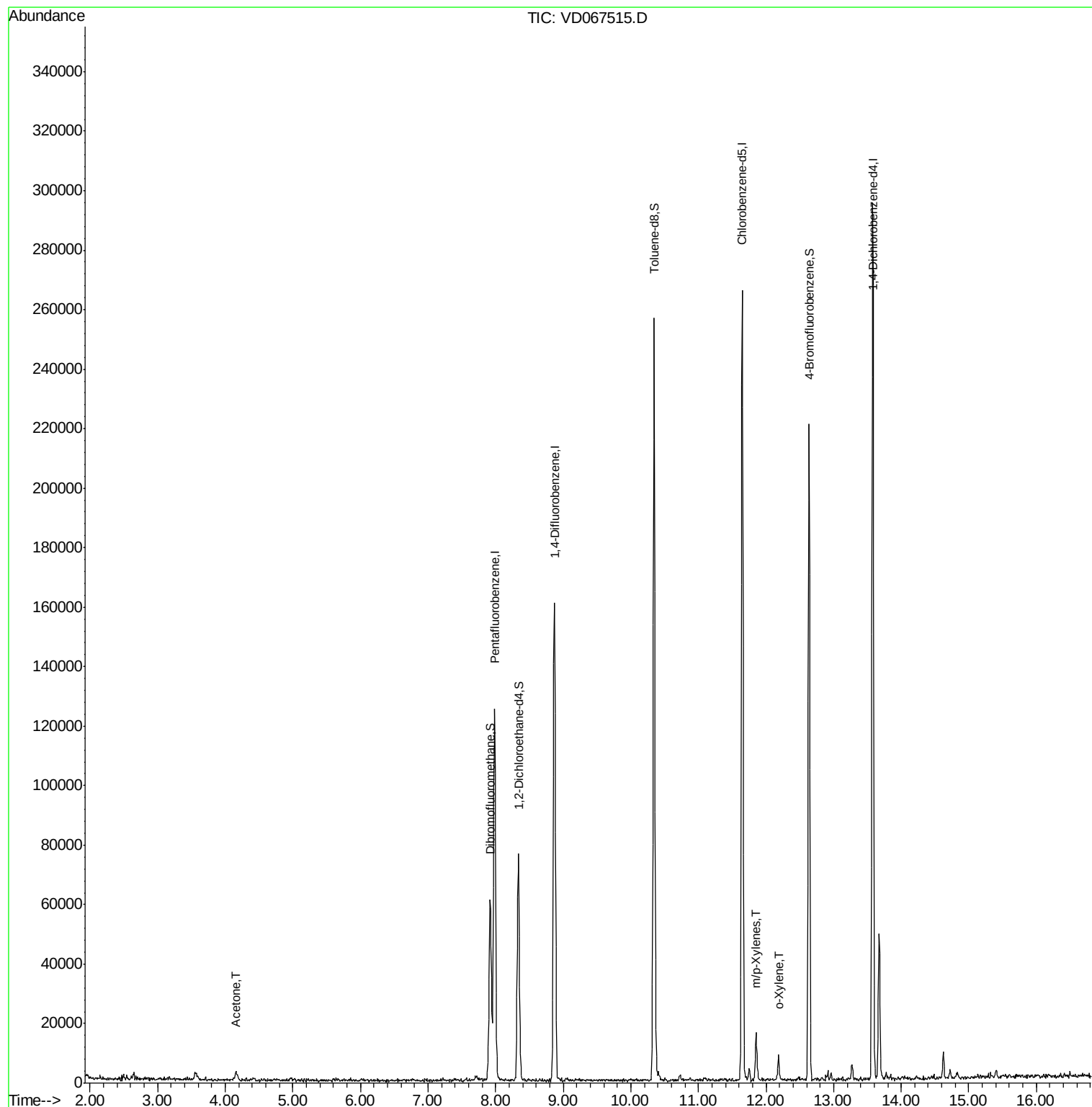
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	93066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	150679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	160108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	81541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	65558	80.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	161.12%	
35) Dibromofluoromethane	7.92	113	42944	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	10.34	98	178285	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
62) 4-Bromofluorobenzene	12.64	95	68612	62.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.58%	
Target Compounds						
16) Acetone	4.16	43	5490	45.083	ug/l	97
68) m/p-Xylenes	11.86	106	4990	2.430	ug/l	98
69) o-Xylene	12.18	106	2815	1.536	ug/l	76

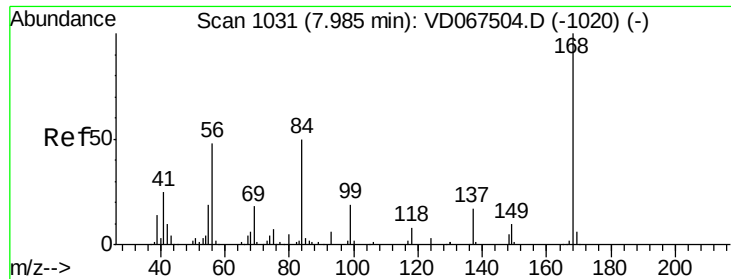
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067515.D

Acq: 04 Nov 2020 12:53

Instrument :

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ClientSampleId :

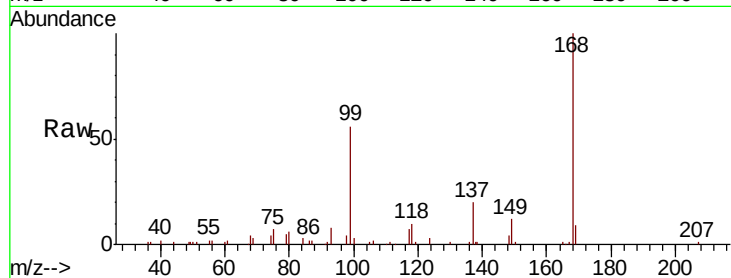
282

Tot Ion:168 Resp: 93066

Ion Ratio Lower Upper

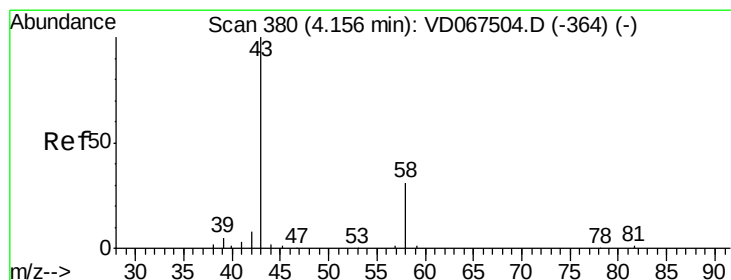
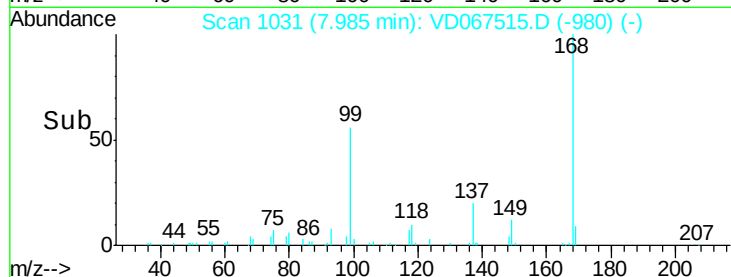
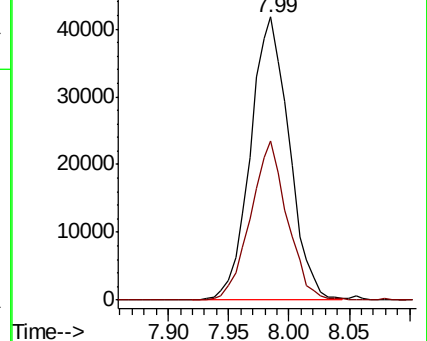
168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 45.083 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067515.D

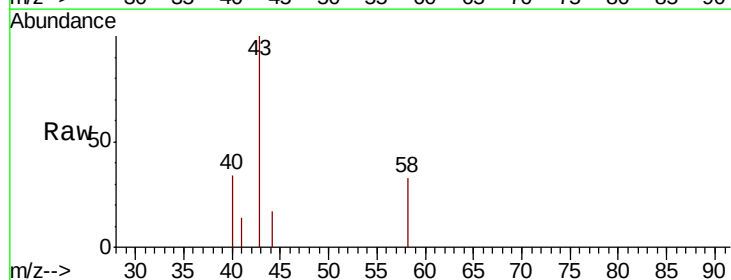
Acq: 04 Nov 2020 12:53

Tgt Ion: 43 Resp: 5490

Ion Ratio Lower Upper

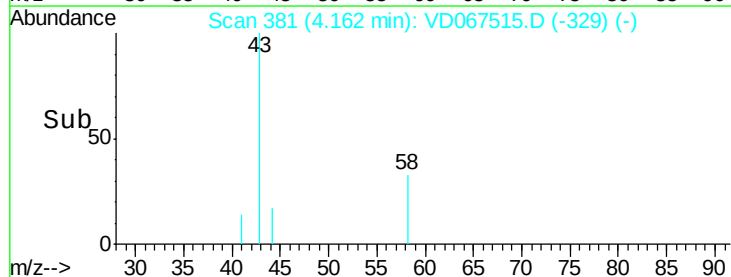
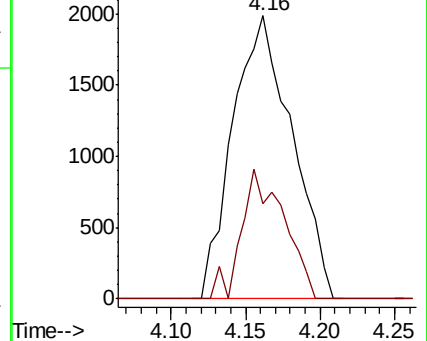
43 100

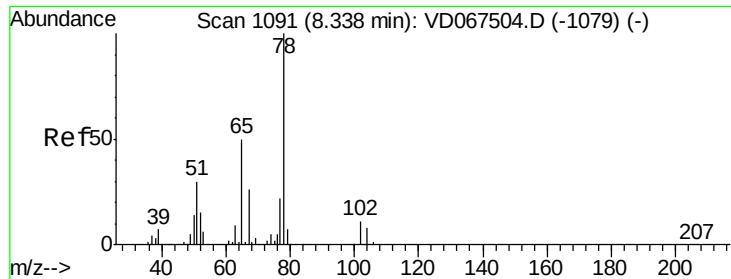
58 33.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

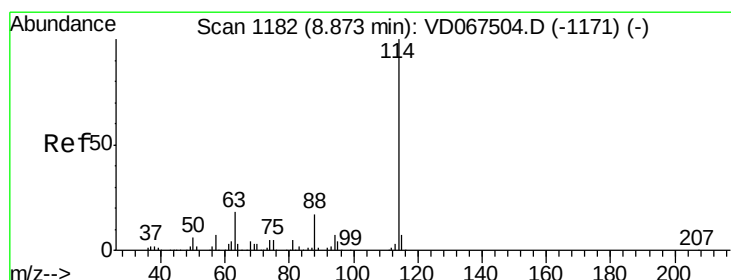
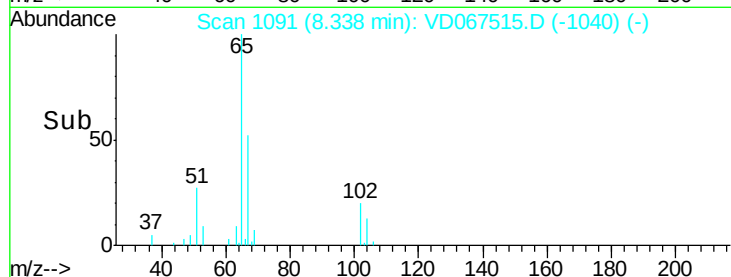
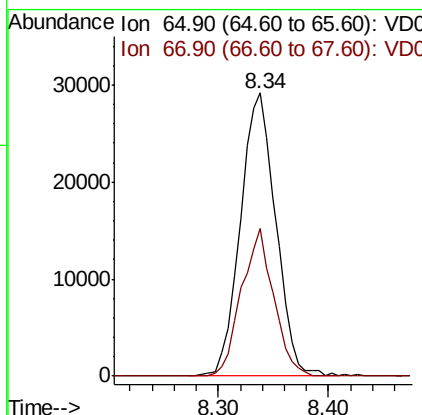
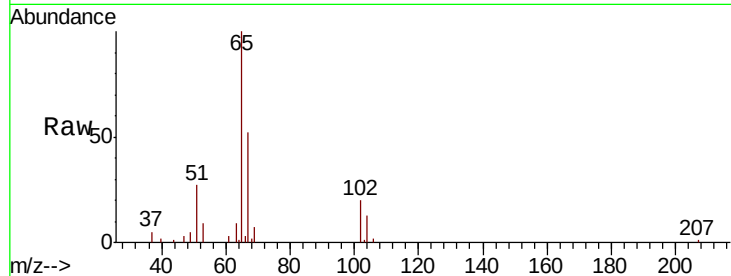




#33
 1,2-Dichloroethane-d4
 Concen: 80.562 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067515.D
 Acq: 04 Nov 2020 12:53

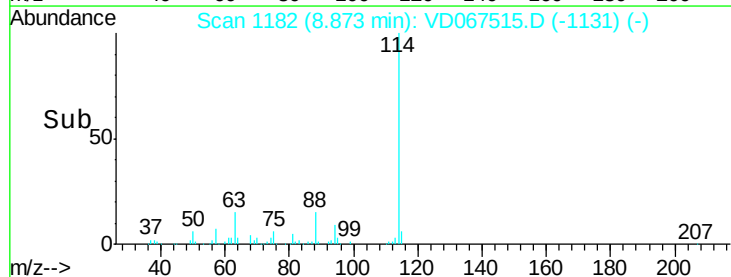
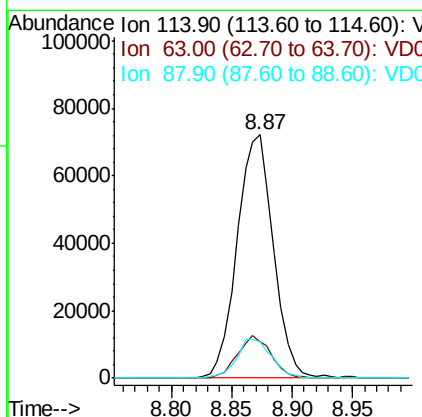
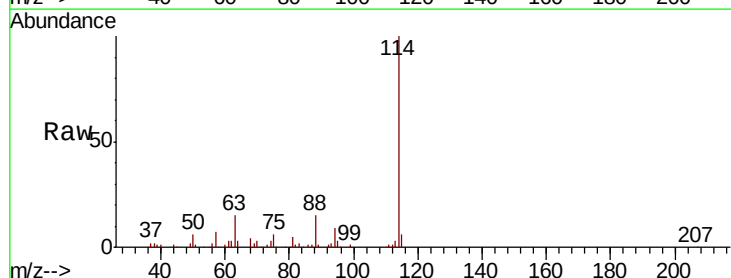
Instrument :
 MSVOA_D
 ClientSampleId :
 282

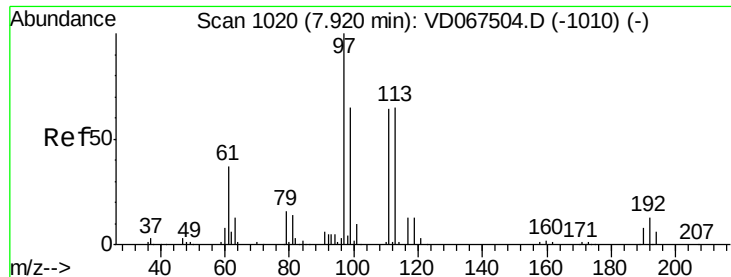
Tot Ion: 65 Resp: 65558
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VD067515.D
 Acq: 04 Nov 2020 12:53

Tgt Ion: 114 Resp: 150679
 Ion Ratio Lower Upper
 114 100
 63 15.0 0.0 35.0
 88 14.8 0.0 33.0

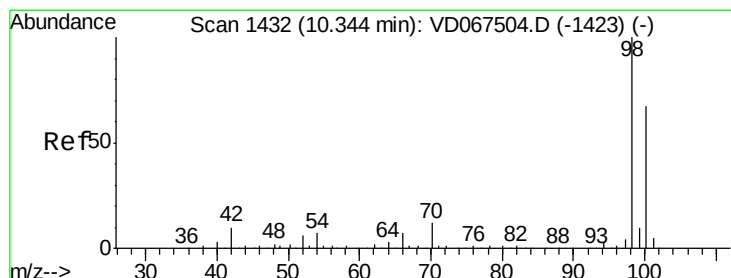
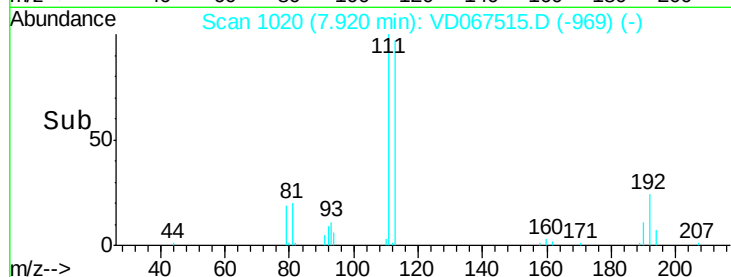
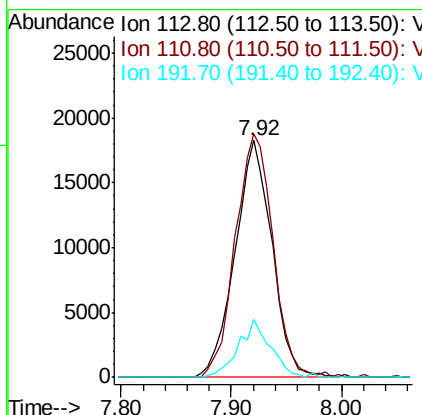
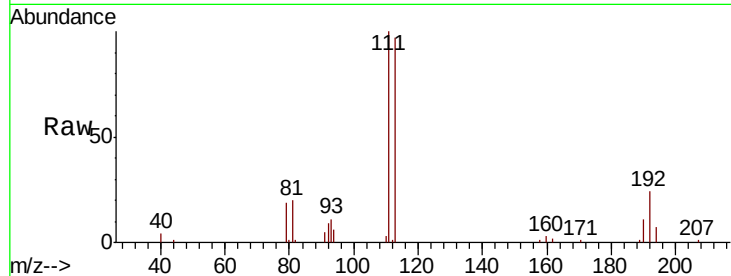




#35
 Dibromofluoromethane
 Concen: 47.304 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067515.D
 Acq: 04 Nov 2020 12:53

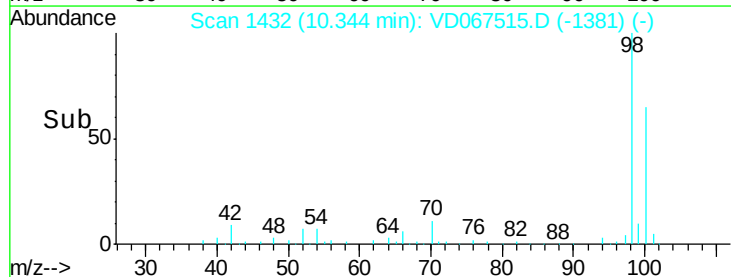
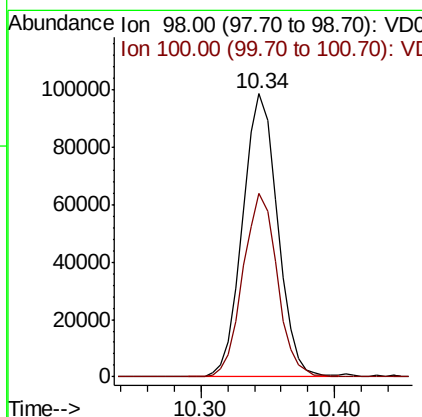
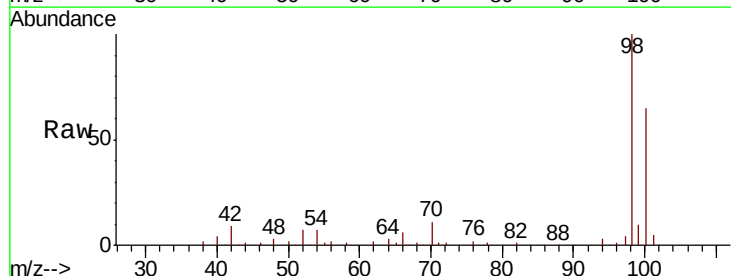
Instrument :
 MSVOA_D
 ClientSampleId :
 282

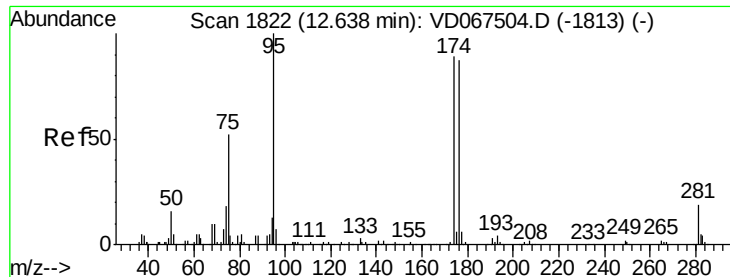
Tot Ion:113 Resp: 42944
 Ion Ratio Lower Upper
 113 100
 111 104.9 80.0 120.0
 192 20.9 16.3 24.5



#50
 Toluene-d8
 Concen: 55.883 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067515.D
 Acq: 04 Nov 2020 12:53

Tgt Ion: 98 Resp: 178285
 Ion Ratio Lower Upper
 98 100
 100 63.6 53.0 79.6

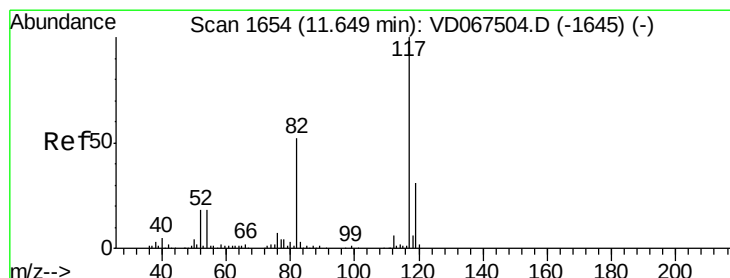
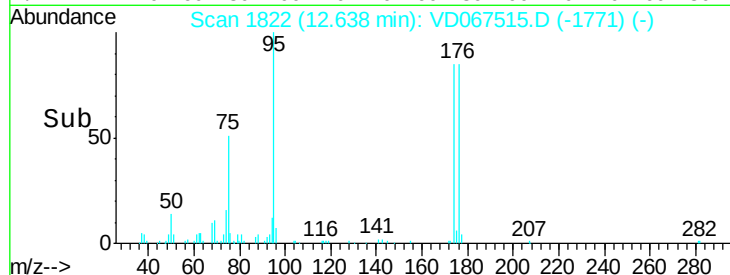
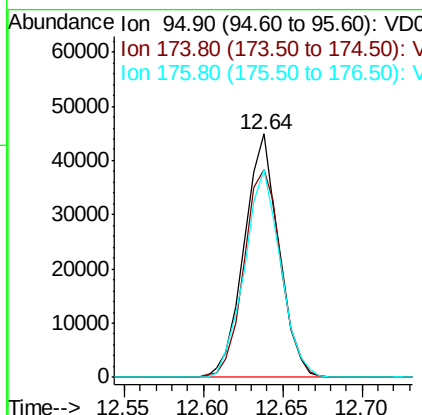
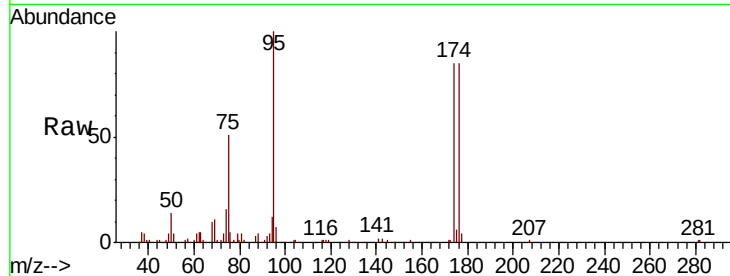




#62
4-Bromofluorobenzene
Concen: 62.292 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067515.D
Acq: 04 Nov 2020 12:53

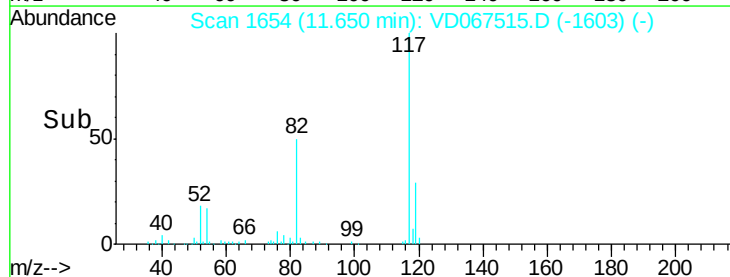
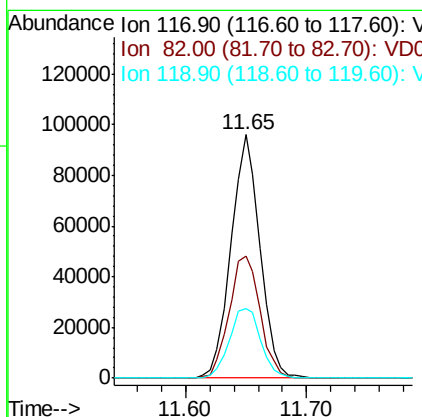
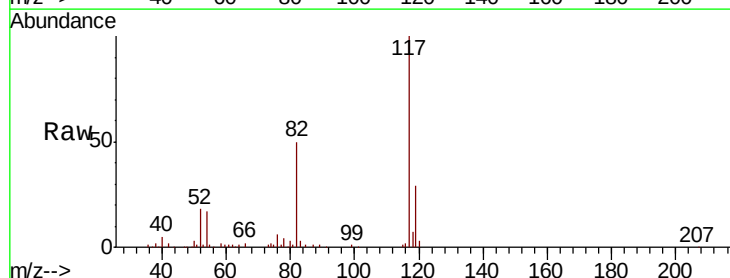
Instrument :
MSVOA_D
ClientSampleId :
282

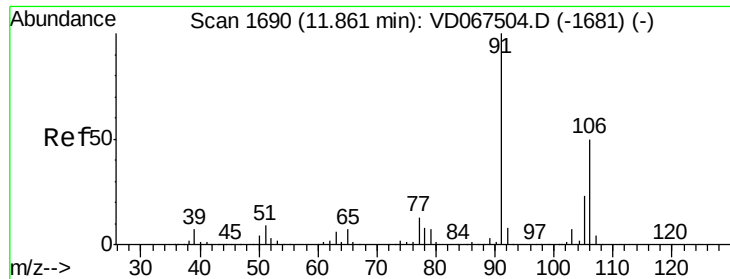
Tot Ion: 95 Resp: 68612
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.8
176 88.6 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067515.D
Acq: 04 Nov 2020 12:53

Tgt Ion: 117 Resp: 160108
Ion Ratio Lower Upper
117 100
82 49.9 41.6 62.4
119 28.5 25.1 37.7

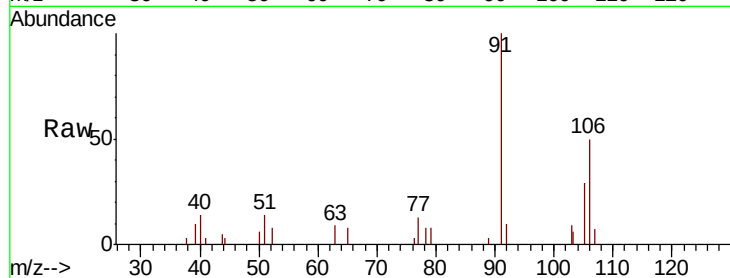




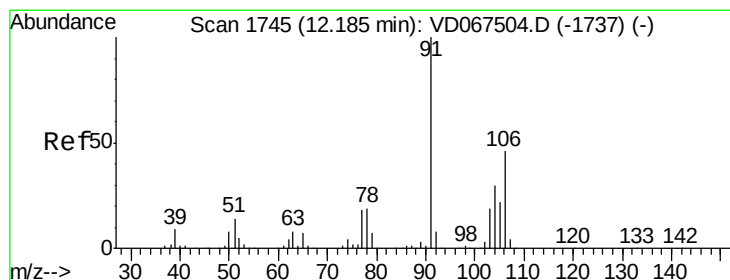
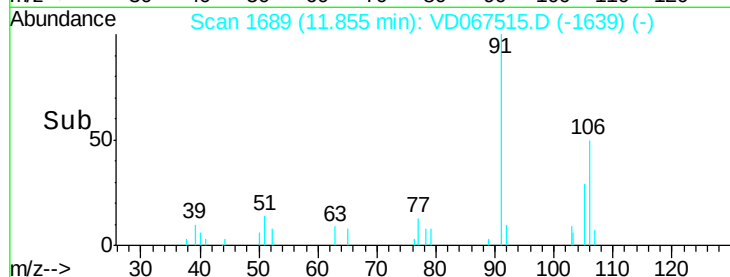
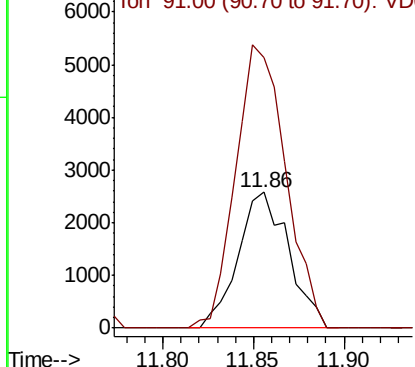
#68
m/p-Xylenes
Concen: 2.430 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067515.D
Acq: 04 Nov 2020 12:53

Instrument :
MSVOA_D
ClientSampleId :
282

Tot Ion:106 Resp: 4990
Ion Ratio Lower Upper
106 100
91 207.0 162.6 244.0

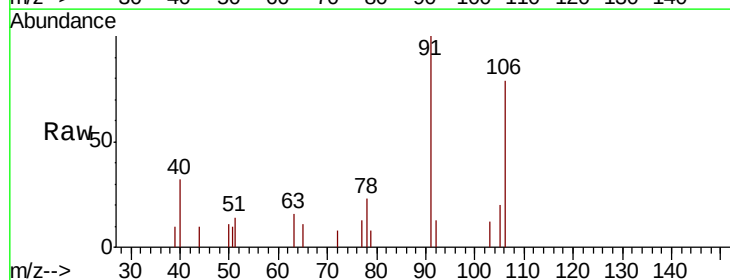


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

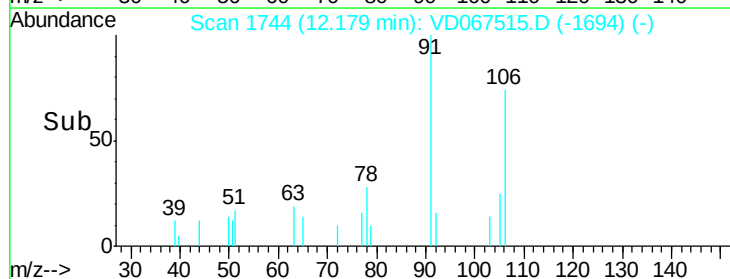
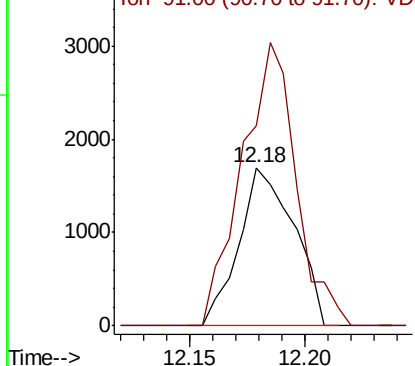


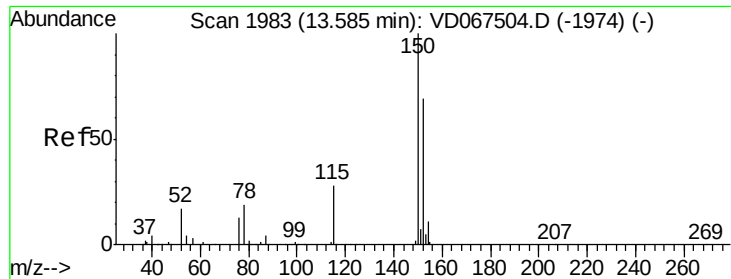
#69
o-Xylene
Concen: 1.536 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD067515.D
Acq: 04 Nov 2020 12:53

Tgt Ion:106 Resp: 2815
Ion Ratio Lower Upper
106 100
91 176.1 107.1 321.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067515.D

Acq: 04 Nov 2020 12:53

Instrument :

MSVOA_D

ClientSampleId :

282

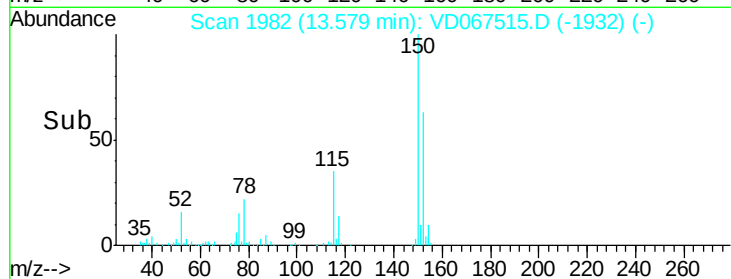
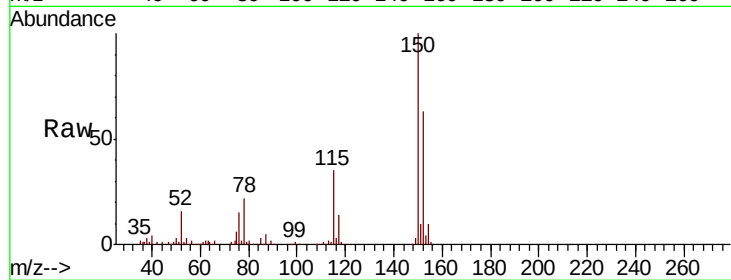
Tot Ion:152 Resp: 81541

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

150 159.4 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

