

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065960.D
 Acq On : 16 Jul 2020 16:39
 Operator : VA/SY
 Sample : L3183-11
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-071520

Quant Time: Jul 17 04:17:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

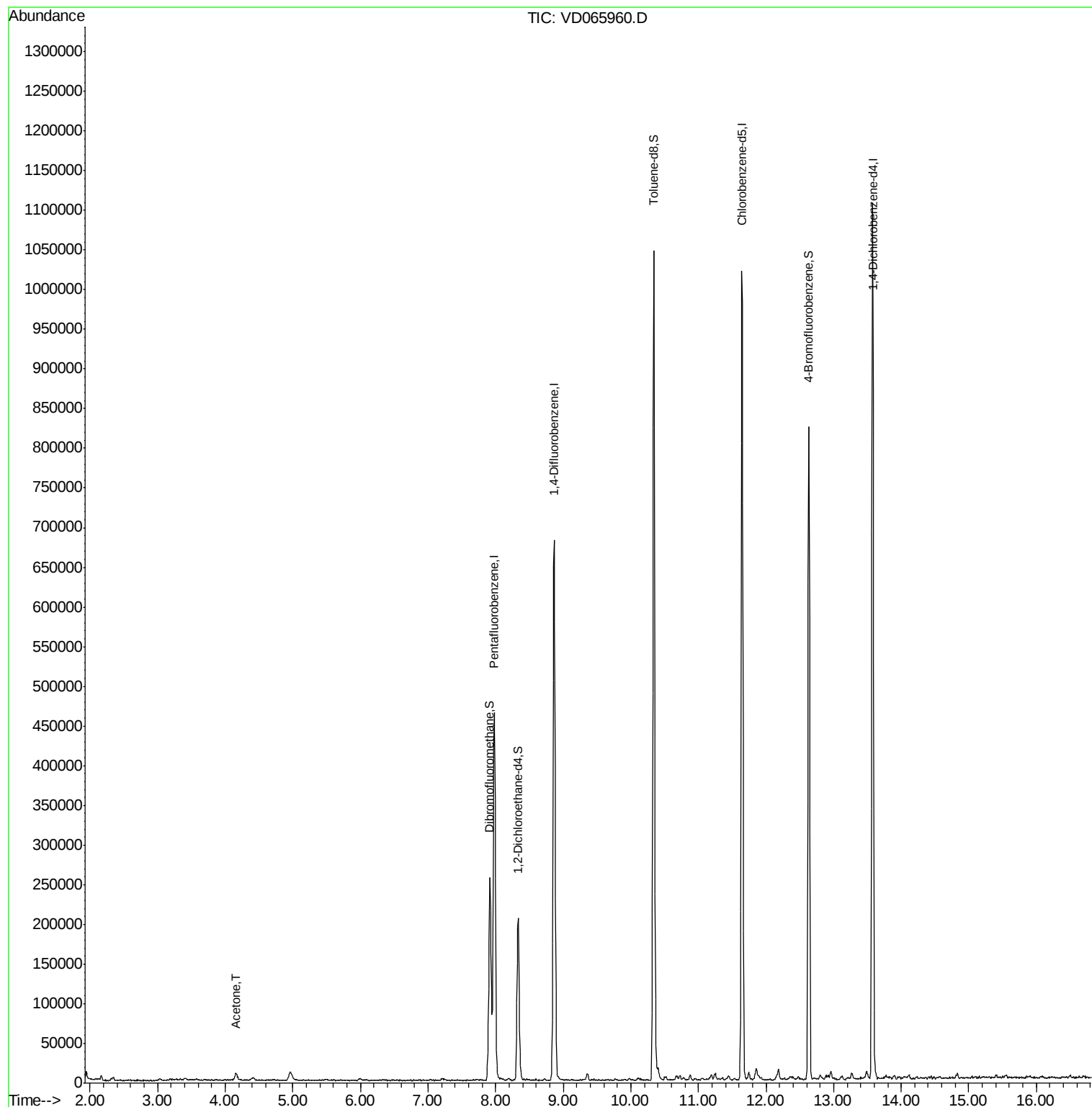
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	368761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	604223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	611058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	308012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	160267	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
35) Dibromofluoromethane	7.91	113	186886	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.34	98	728774	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.63	95	269966	57.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.62%	
Target Compounds						
16) Acetone	4.16	43	15126	19.749	ug/l	Qvalue 99

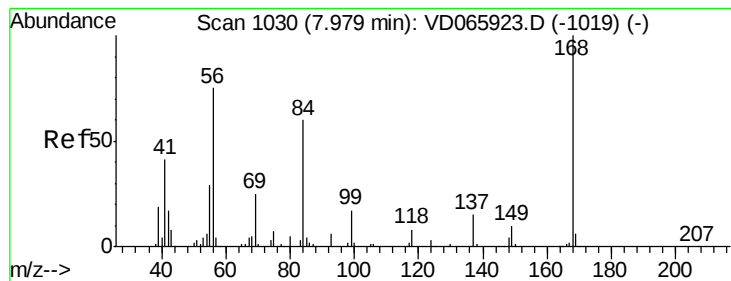
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065960.D

Acq: 16 Jul 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

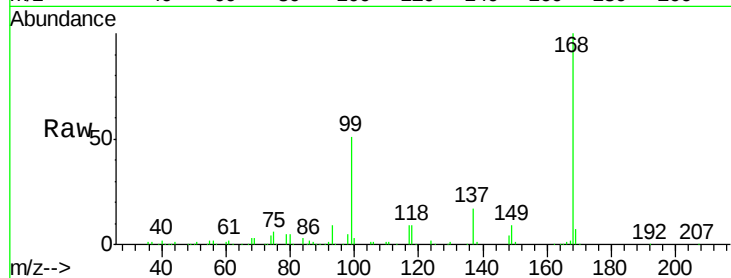
OK-03-071520

Tot Ion:168 Resp: 368761

Ion Ratio Lower Upper

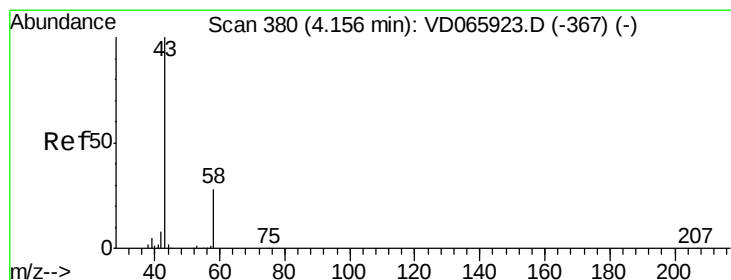
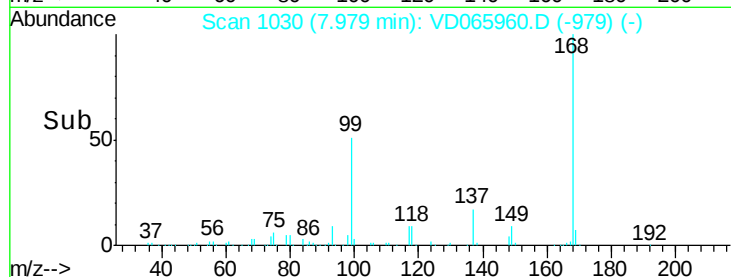
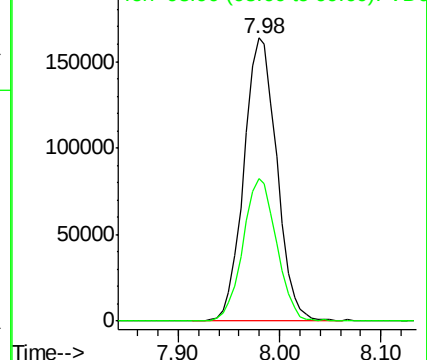
168 100

99 50.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 19.749 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065960.D

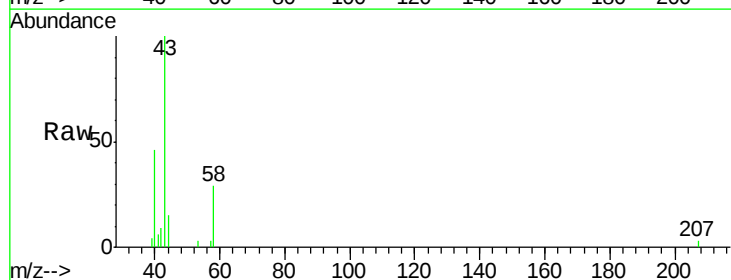
Acq: 16 Jul 2020 16:39

Tgt Ion: 43 Resp: 15126

Ion Ratio Lower Upper

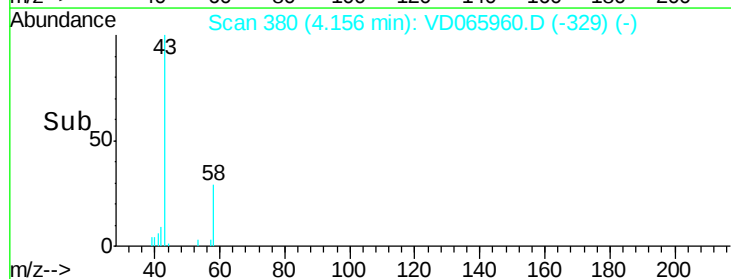
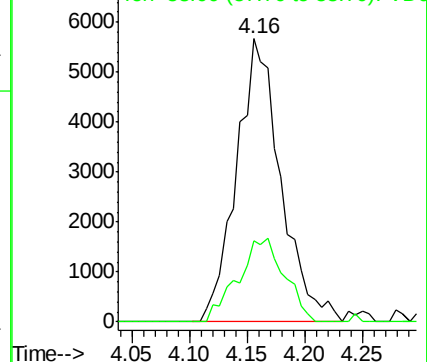
43 100

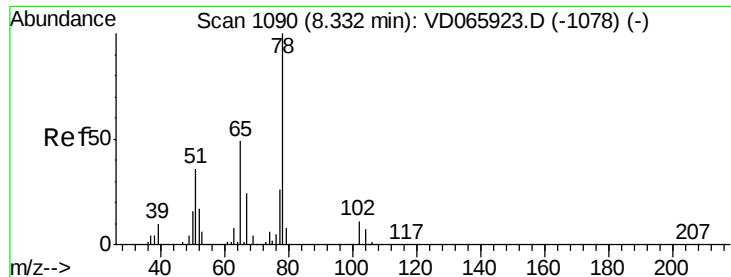
58 28.8 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

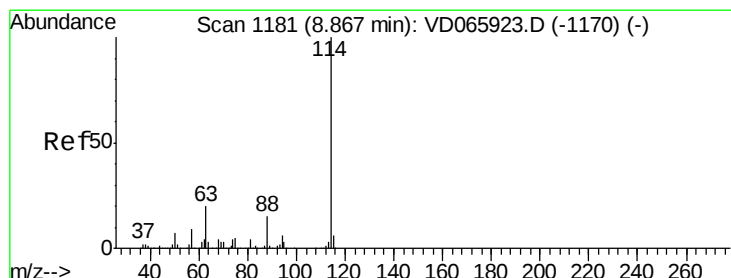
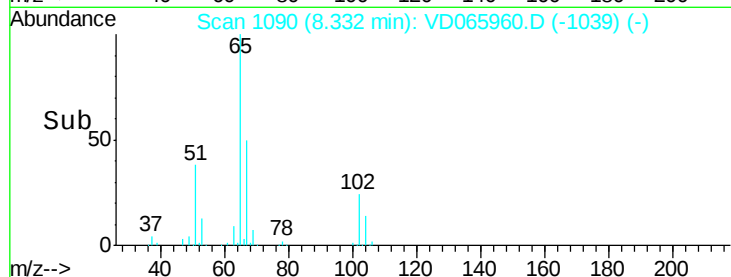
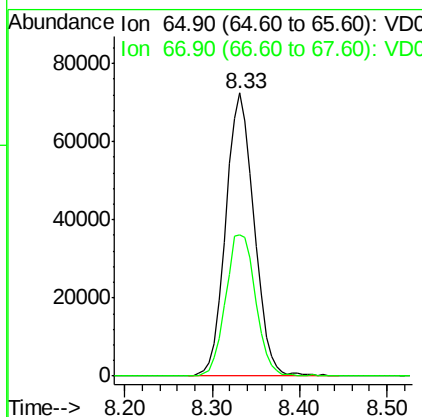
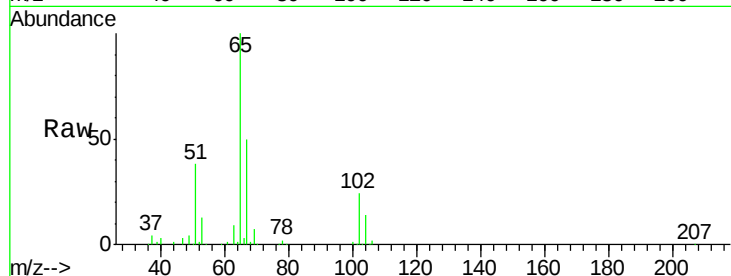




#33
 1,2-Dichloroethane-d4
 Concen: 49.041 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065960.D
 Acq: 16 Jul 2020 16:39

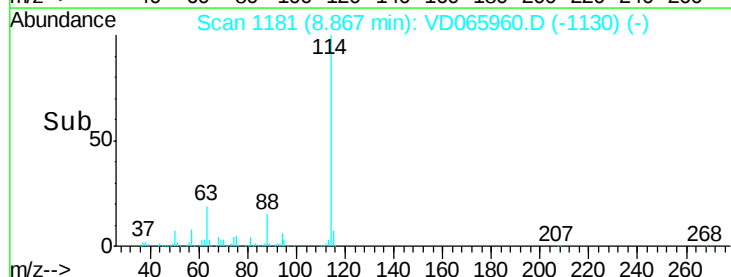
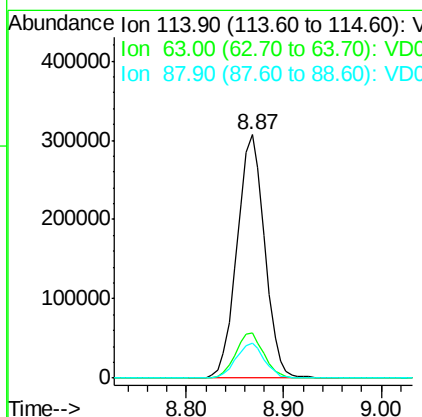
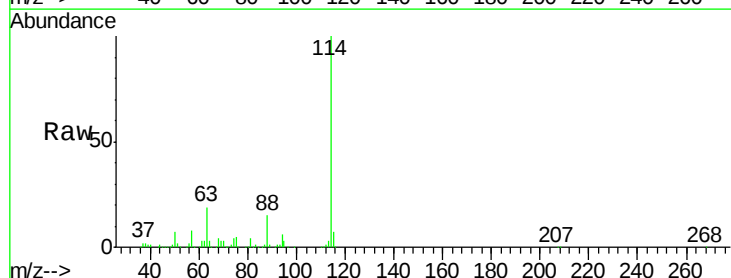
Instrument :
 MSVOA_D
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 OK-03-071520

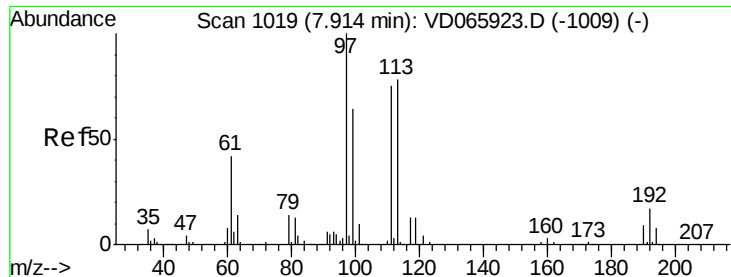
Tot Ion: 65 Resp: 160267
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065960.D
 Acq: 16 Jul 2020 16:39

Tgt Ion: 114 Resp: 604223
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.5 0.0 30.0

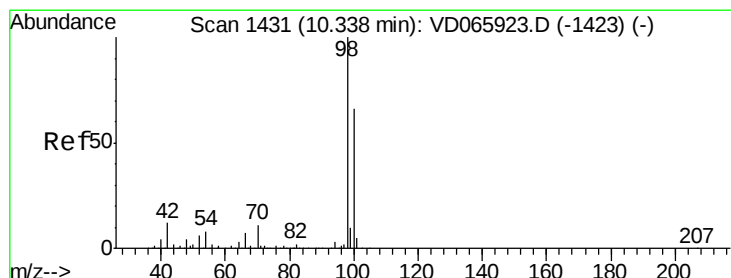
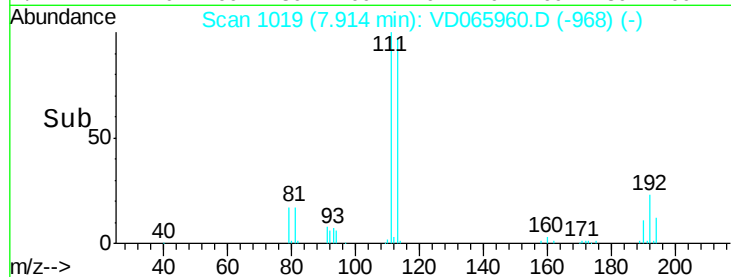
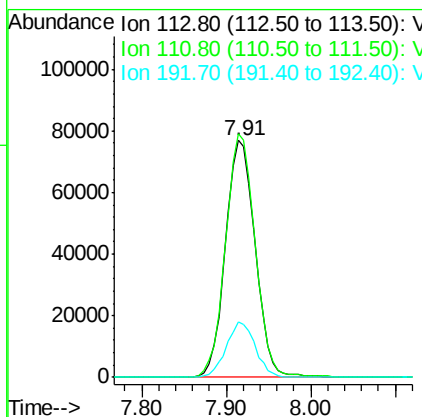
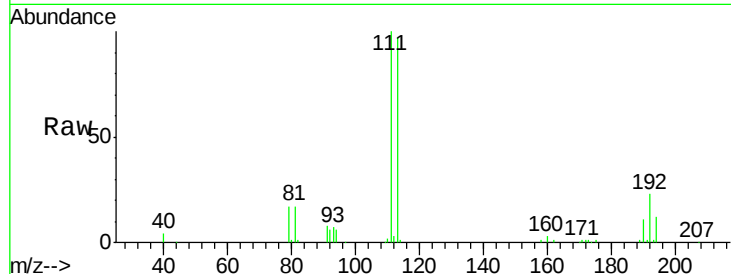




#35
 Dibromofluoromethane
 Concen: 50.139 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065960.D
 Acq: 16 Jul 2020 16:39

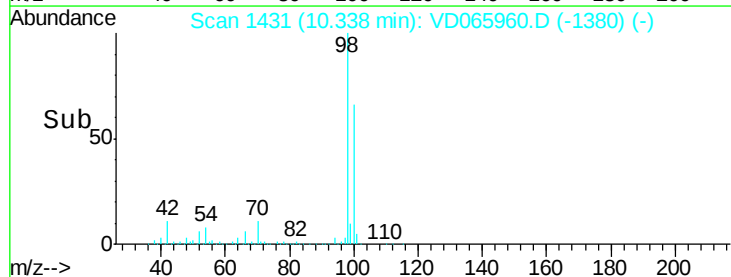
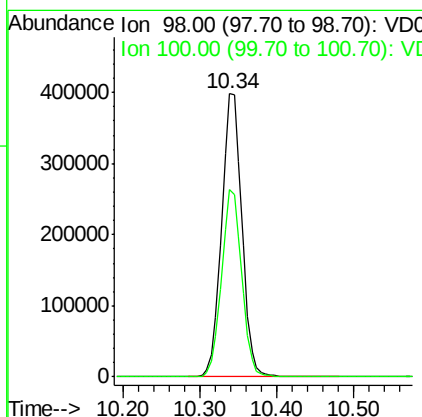
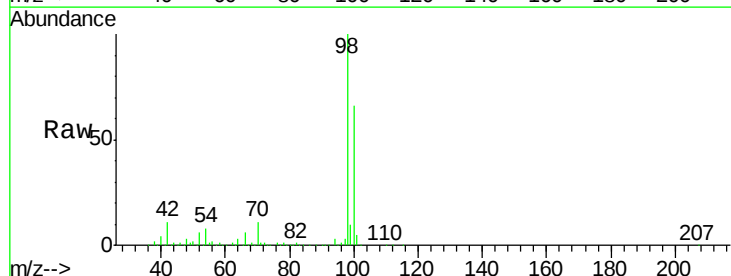
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-071520

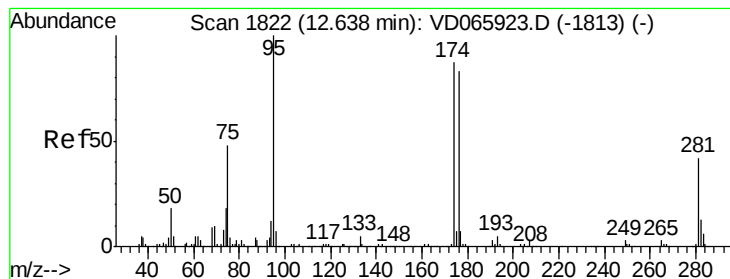
Tot Ion:113 Resp: 186886
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.9 121.3
 192 22.7 17.1 25.7



#50
 Toluene-d8
 Concen: 53.587 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD065960.D
 Acq: 16 Jul 2020 16:39

Tgt Ion: 98 Resp: 728774
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 57.805 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065960.D

Acq: 16 Jul 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

OK-03-071520

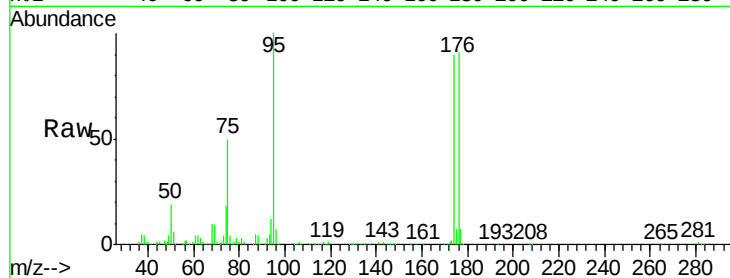
Tot Ion: 95 Resp: 269966

Ion Ratio Lower Upper

95 100

174 90.8 0.0 169.4

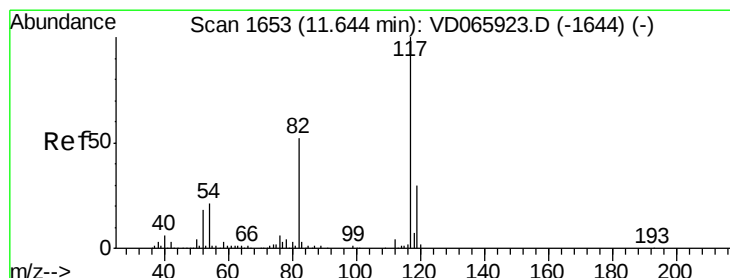
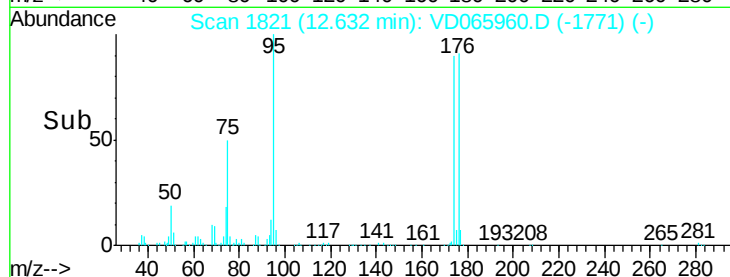
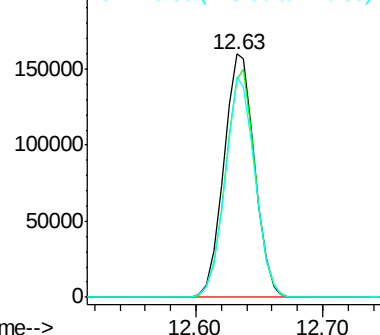
176 88.5 0.0 164.0



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: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD065960.D

Acq: 16 Jul 2020 16:39

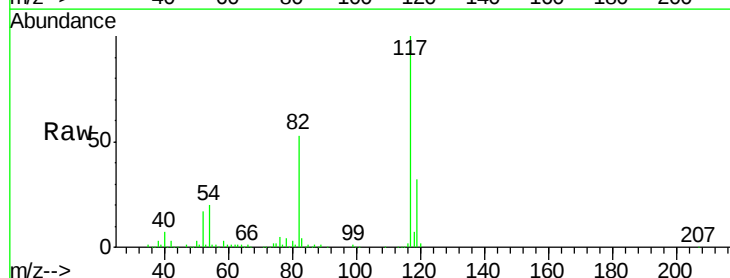
Tgt Ion: 117 Resp: 611058

Ion Ratio Lower Upper

117 100

82 53.0 41.8 62.8

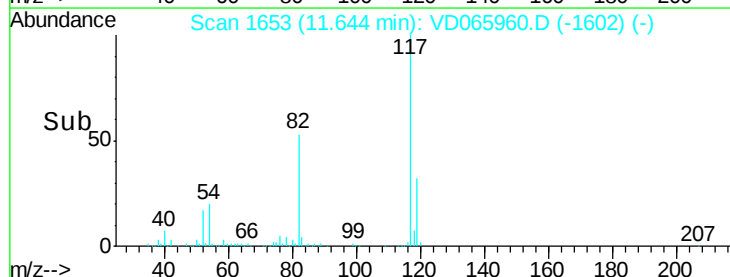
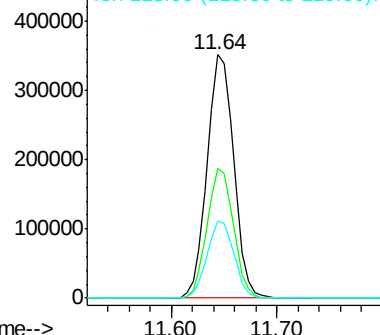
119 31.6 24.3 36.5

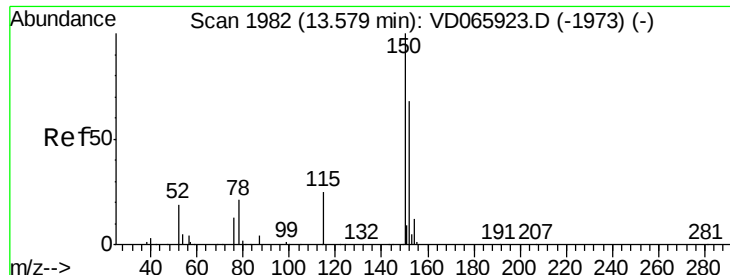


Abundance Ion 116.90 (116.60 to 117.60): V

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. 0.00 min

Lab File: VD065960.D

Acq: 16 Jul 2020 16:39

Instrument :

MSVOA_D

ClientSampleId :

OK-03-071520

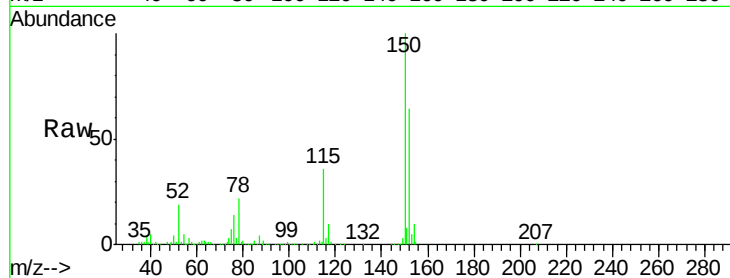
Tot Ion:152 Resp: 308012

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

150 155.8 0.0 347.2



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

