

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065763.D
 Acq On : 26 May 2020 15:45
 Operator : VA/SY
 Sample : L2768-01RE
 Misc : 7.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 27 03:00:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	283751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	456411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	413722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186549	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	146011	63.85	ug/l	0.00
Spiked Amount			Recovery	=	127.70%	
35) Dibromofluoromethane	7.92	113	145489	56.27	ug/l	0.00
Spiked Amount			Recovery	=	112.54%	
50) Toluene-d8	10.34	98	549694	55.84	ug/l	0.00
Spiked Amount			Recovery	=	111.68%	
62) 4-Bromofluorobenzene	12.64	95	179381	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	

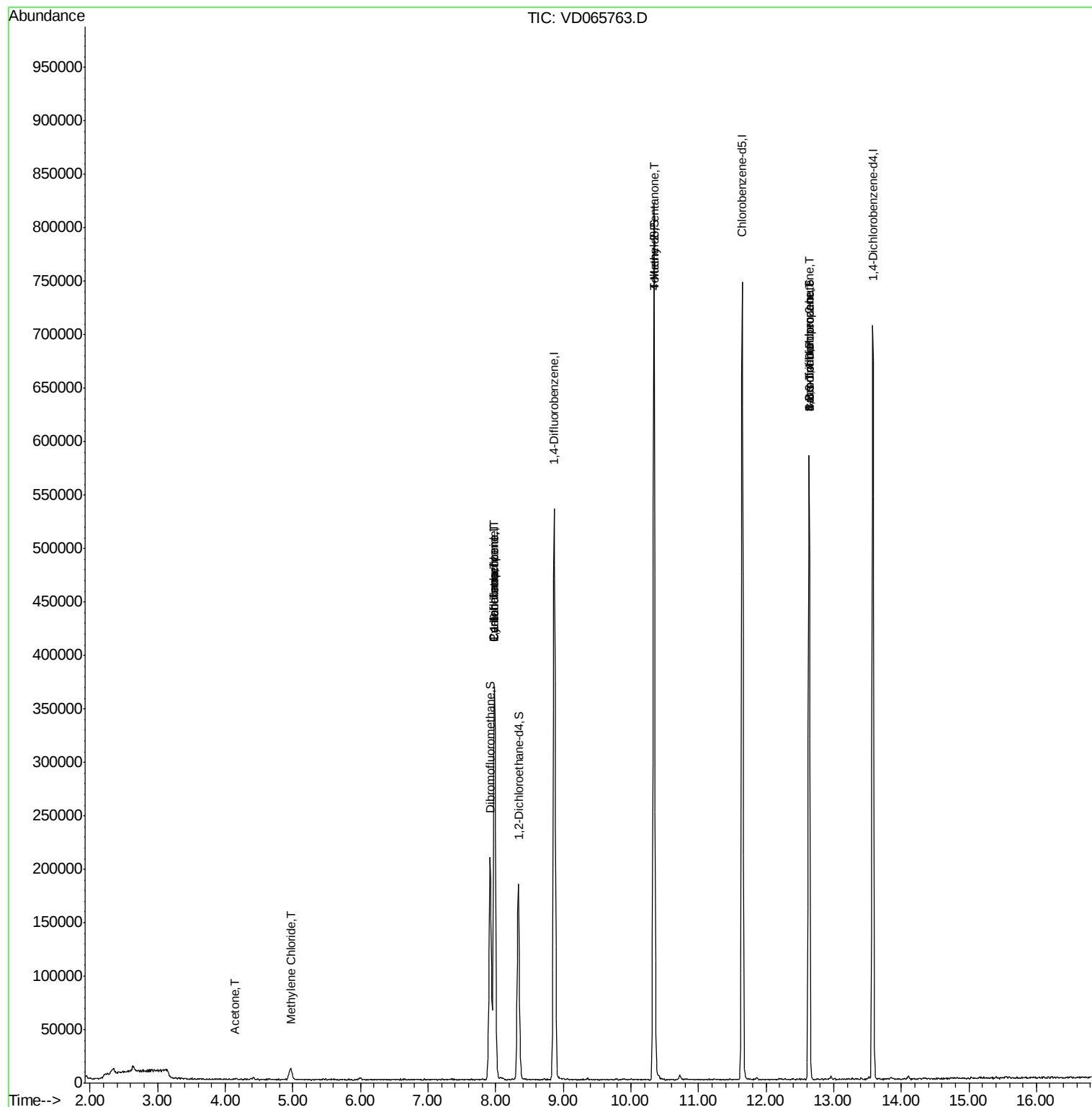
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	1263	2.693	ug/l #	45
18) Methyl Acetate	4.73	43	58	Below Cal	#	52
20) Methylene Chloride	4.97	84	7253	2.741	ug/l	92
31) Cyclohexane	7.98	56	6740	1.484	ug/l #	28
36) 1,1-Dichloropropene	7.98	75	21960	5.540	ug/l #	49
38) Carbon Tetrachloride	7.98	117	27510	6.544	ug/l #	17
51) 4-Methyl-2-Pentanone	10.34	43	2716	1.686	ug/l #	1
71) Bromoform	12.64	173	1688	1.048	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	96777	69.512	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	96777	136.372	ug/l #	13

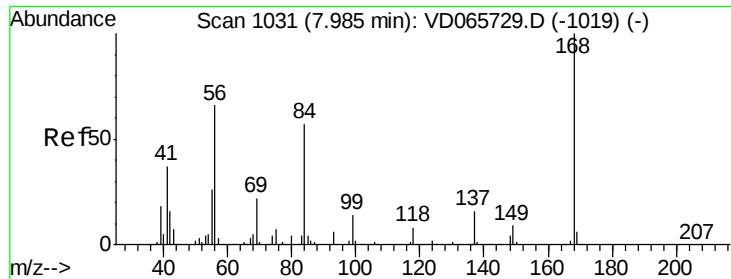
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052620\
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Instrument :
MSVOA_D
ClientSampled :

Quant Time: May 27 03:00:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 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: VD065763.D

Acq: 26 May 2020 15:45

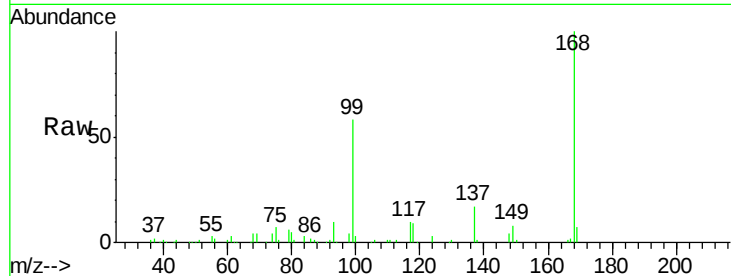
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 283751

Ion Ratio Lower Upper

168 100

99 57.9 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

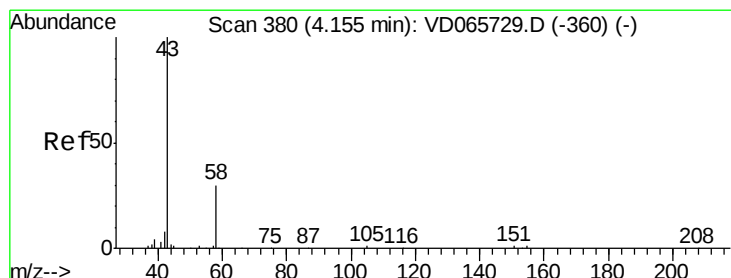
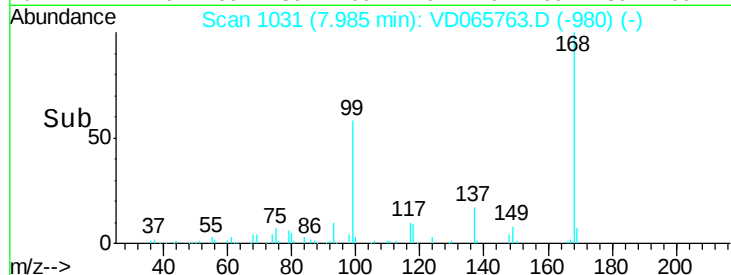
7.98

100000

50000

0

Time-->



#16

Acetone

Concen: 2.693 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065763.D

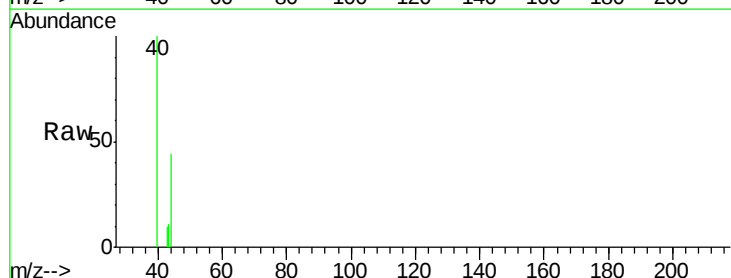
Acq: 26 May 2020 15:45

Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

600

500

400

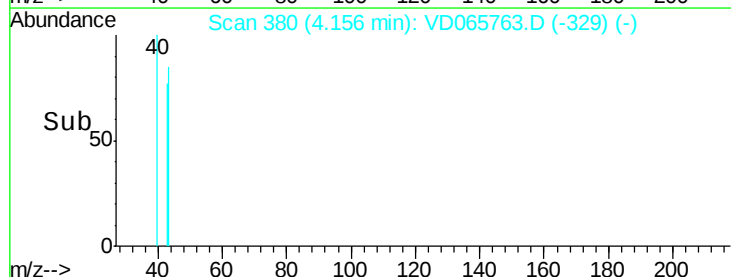
300

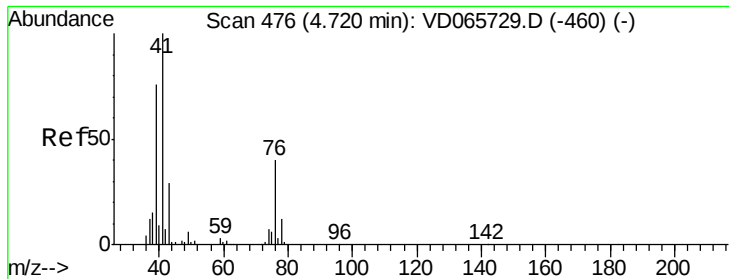
200

100

0

Time-->





#18

Methyl Acetate

Concen: Below Cal

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD065763.D

Acq: 26 May 2020 15:45

Instrument :

MSVOA_D

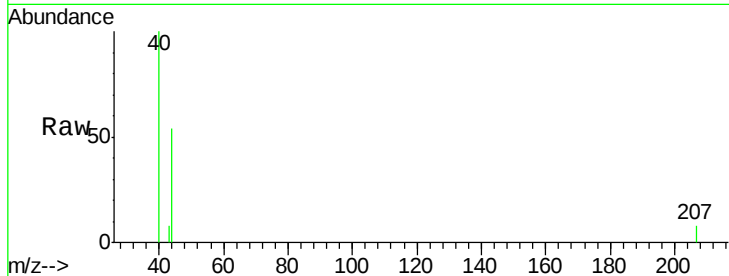
ClientSampleId :

Tot Ion: 43 Resp: 58

Ion Ratio Lower Upper

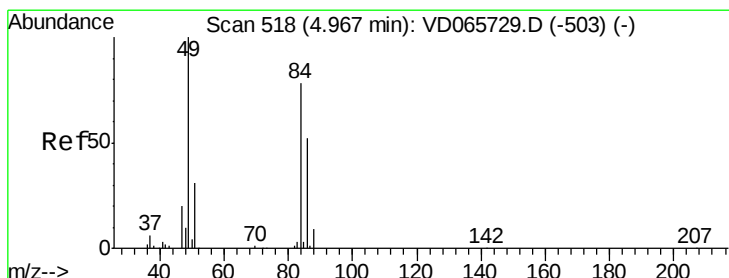
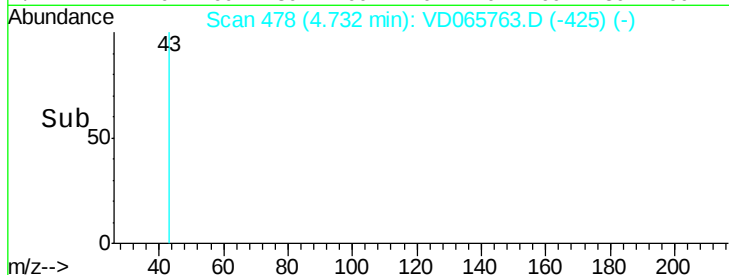
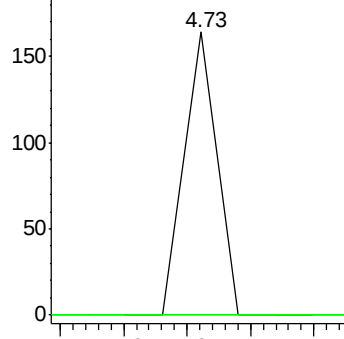
43 100

74 0.0 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



#20

Methylene Chloride

Concen: 2.741 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065763.D

Acq: 26 May 2020 15:45

Tgt Ion: 84 Resp: 7253

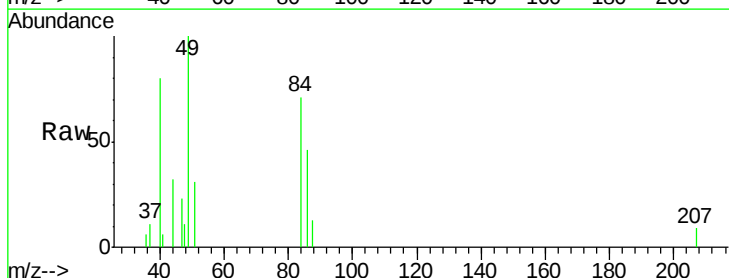
Ion Ratio Lower Upper

84 100

49 140.7 102.9 154.3

51 44.2 31.5 47.3

86 64.8 53.6 80.4

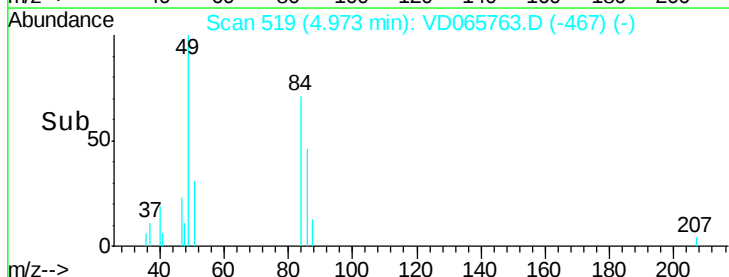
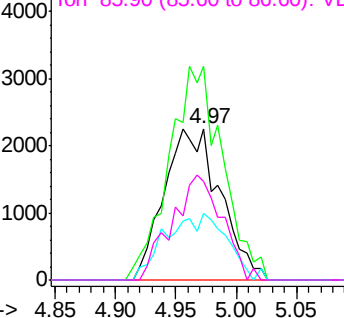


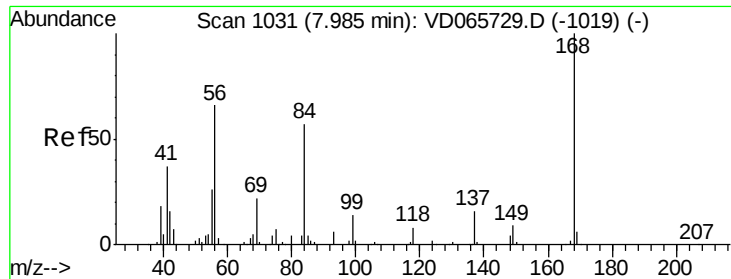
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

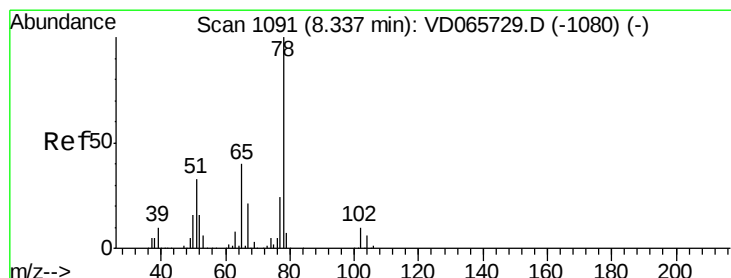
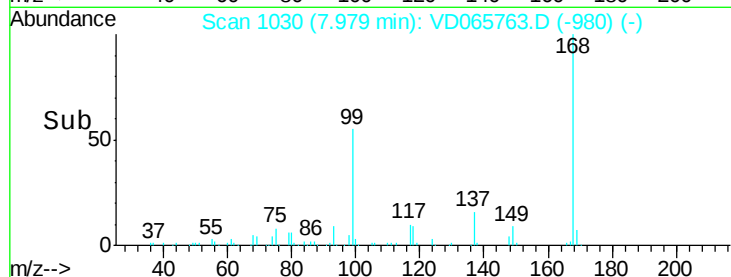
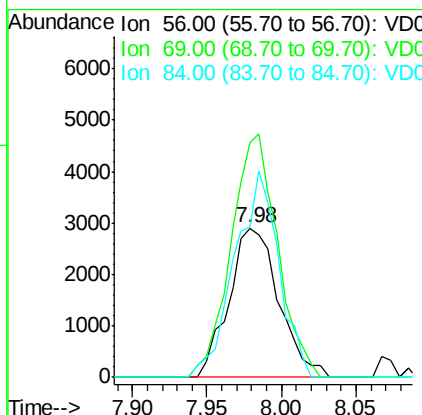
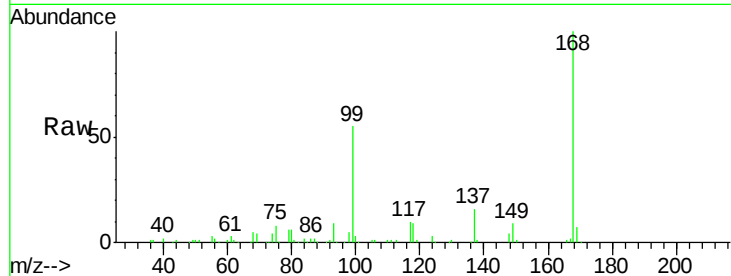




#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065763.D
Acq: 26 May 2020 15:45

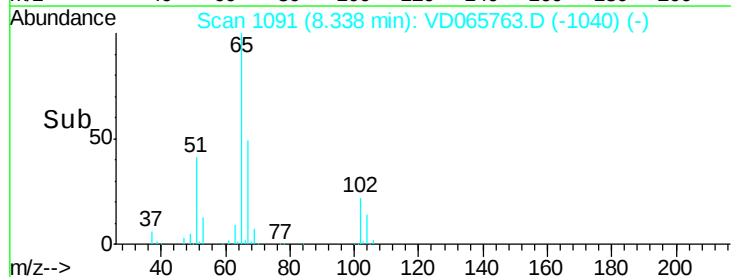
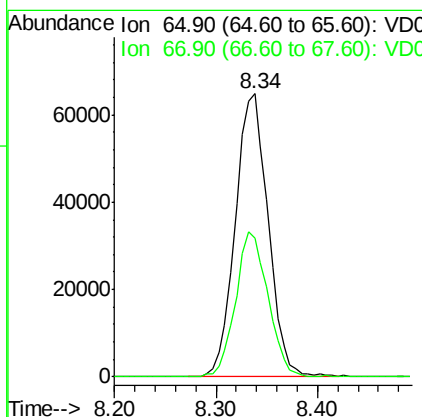
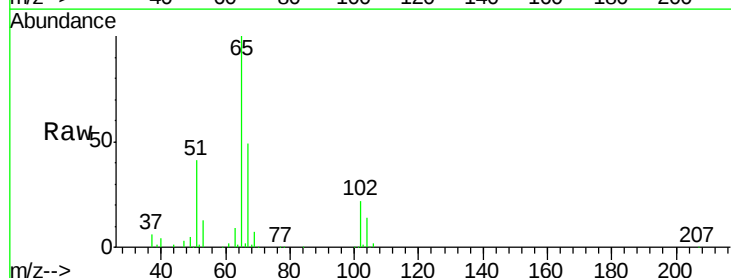
Instrument :
MSVOA_D
ClientSampleId :

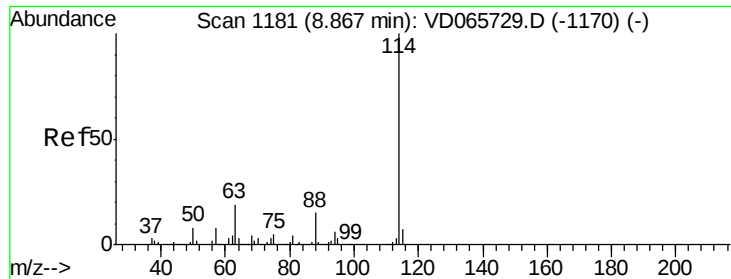
Tot Ion: 56 Resp: 6740
Ion Ratio Lower Upper
56 100
69 156.8 25.9 38.9#
84 100.7 69.1 103.7



#33
1,2-Dichloroethane-d4
Concen: 63.854 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065763.D
Acq: 26 May 2020 15:45

Tgt Ion: 65 Resp: 146011
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.2

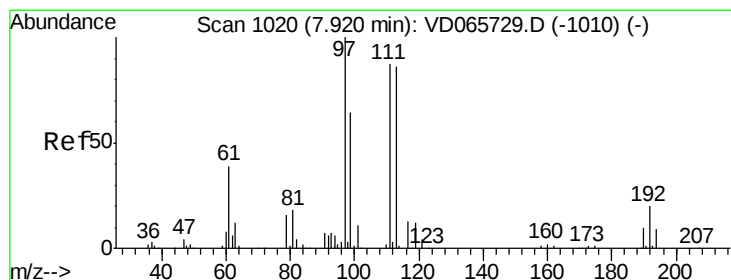
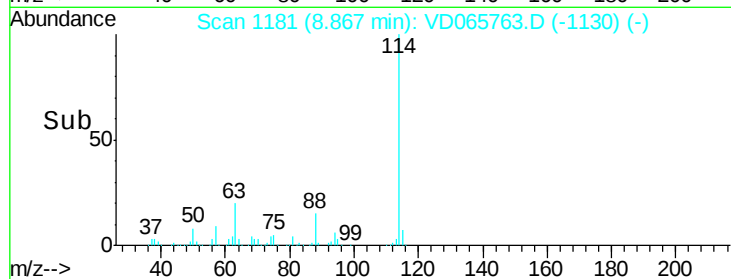
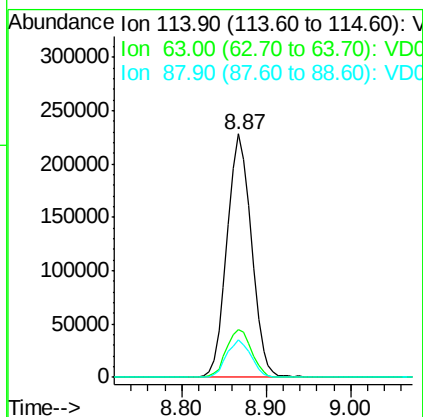
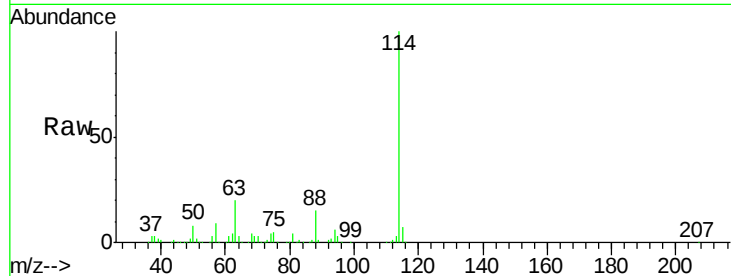




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065763.D
 Acq: 26 May 2020 15:45

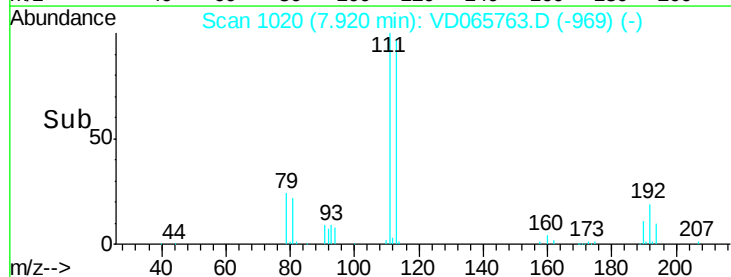
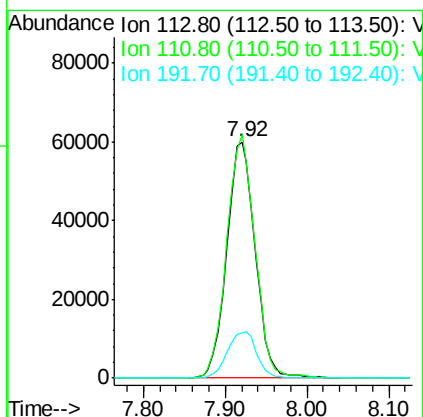
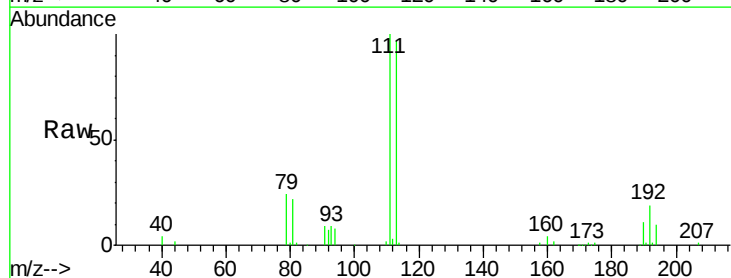
Instrument :
 MSVOA_D
 ClientSampleId :

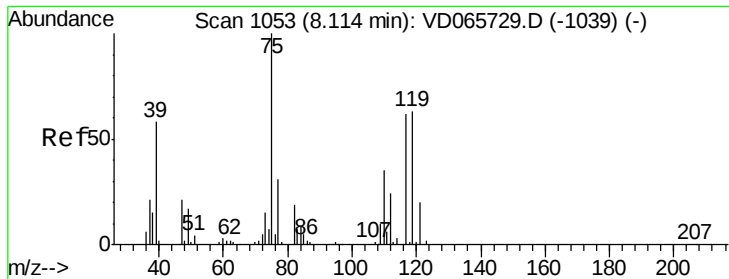
Tot Ion:114 Resp: 456411
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.2
 88 15.5 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 56.267 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065763.D
 Acq: 26 May 2020 15:45

Tgt Ion:113 Resp: 145489
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 20.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.540 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD065763.D

Acq: 26 May 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

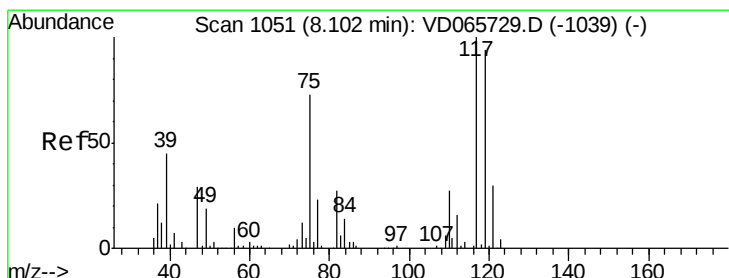
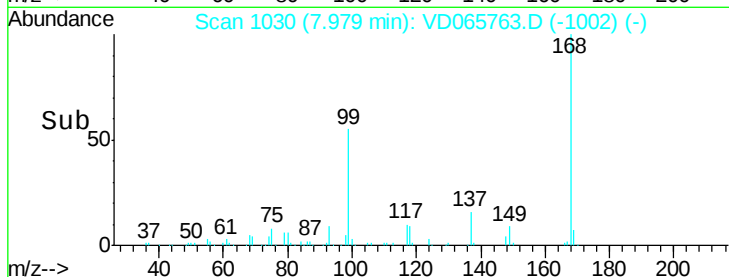
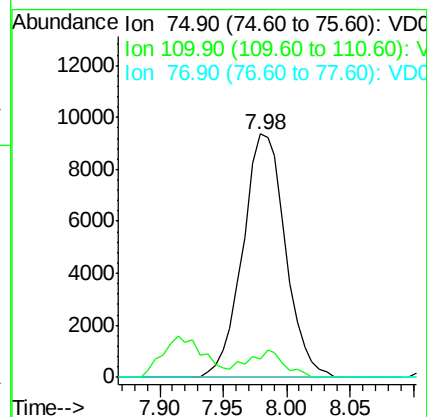
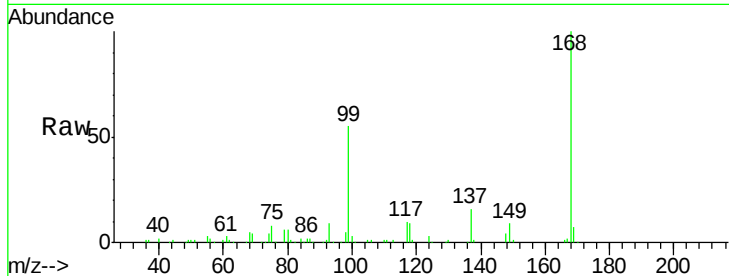
Tot Ion: 75 Resp: 21960

Ion Ratio Lower Upper

75 100

110 9.6 18.4 55.2#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.544 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD065763.D

Acq: 26 May 2020 15:45

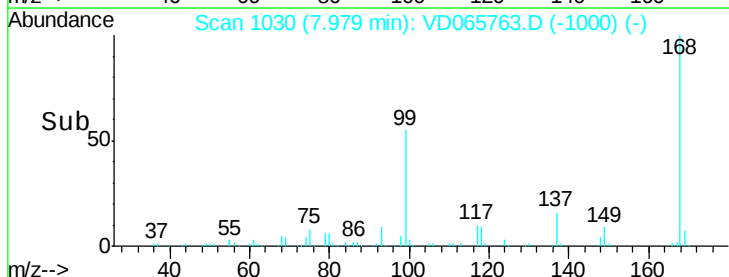
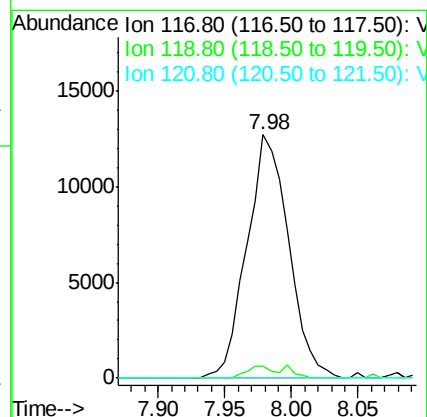
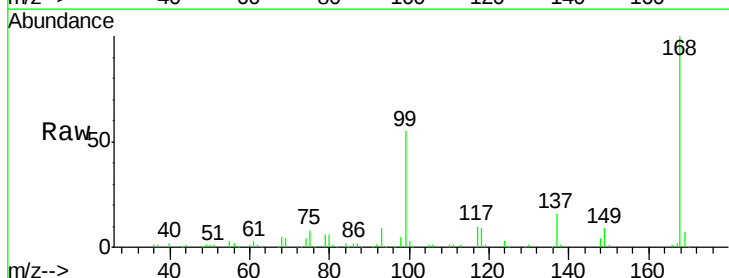
Tgt Ion: 117 Resp: 27510

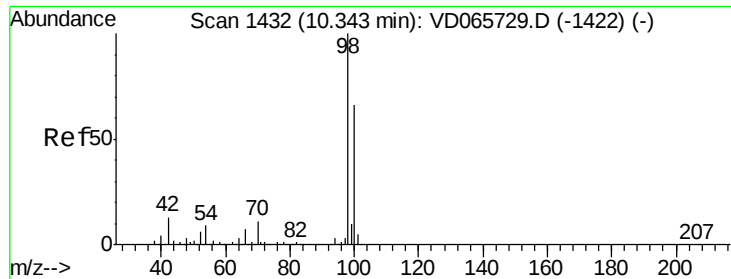
Ion Ratio Lower Upper

117 100

119 5.1 75.6 113.4#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 55.840 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065763.D

Acq: 26 May 2020 15:45

Instrument :

MSVOA_D

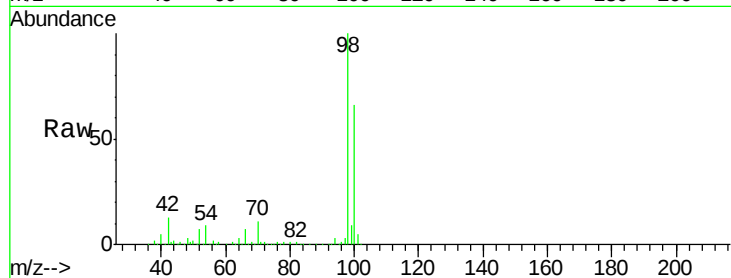
ClientSampleId :

Tot Ion: 98 Resp: 549694

Ion Ratio Lower Upper

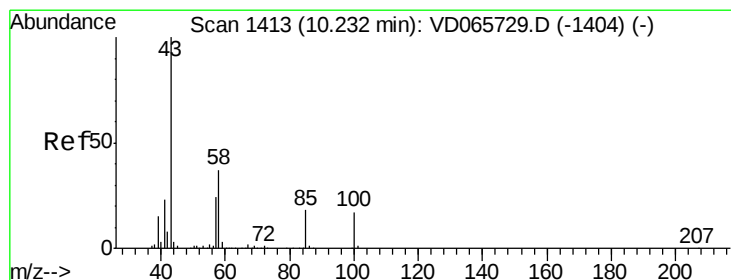
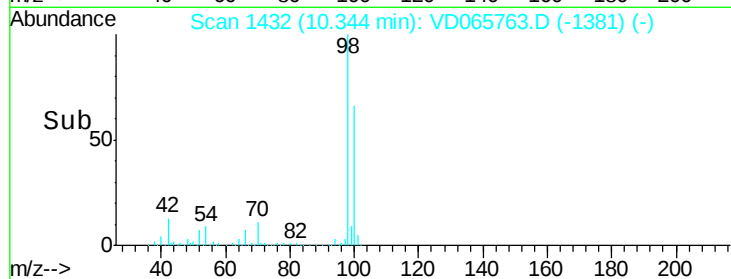
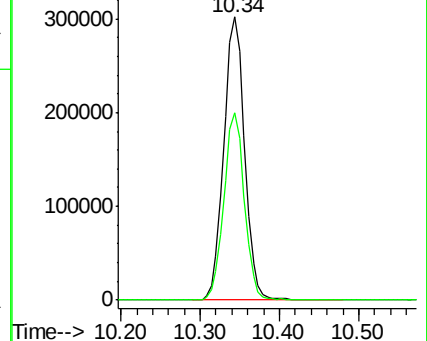
98 100

100 65.3 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.686 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065763.D

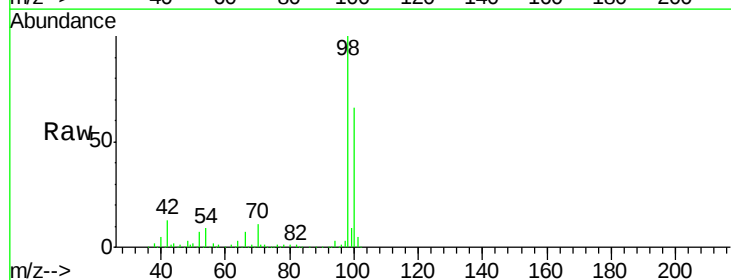
Acq: 26 May 2020 15:45

Tgt Ion: 43 Resp: 2716

Ion Ratio Lower Upper

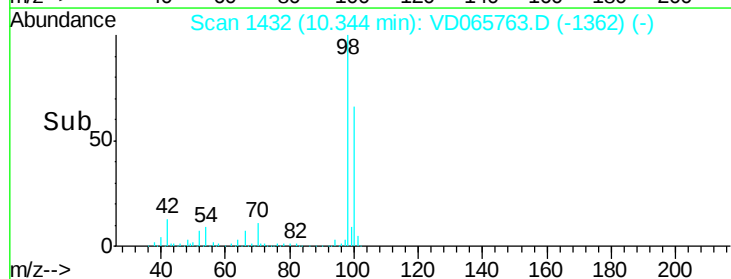
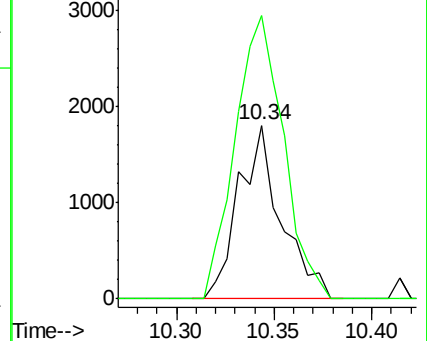
43 100

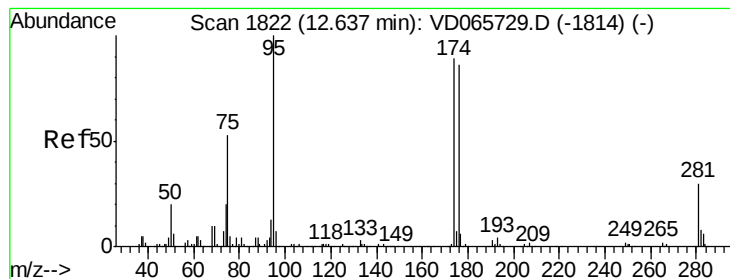
58 186.2 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#62

4-Bromofluorobenzene

Concen: 53.807 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065763.D

Acq: 26 May 2020 15:45

Instrument :

MSVOA_D

ClientSampled :

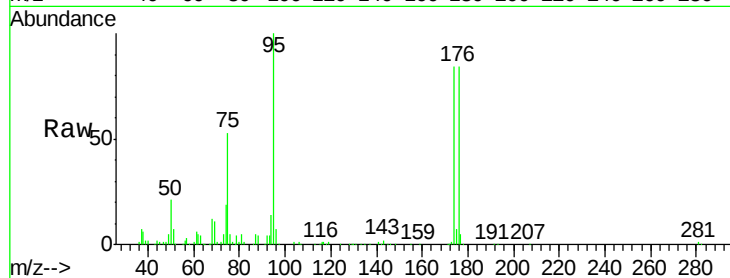
Tot Ion: 95 Resp: 179381

Ion Ratio Lower Upper

95 100

174 85.2 0.0 179.4

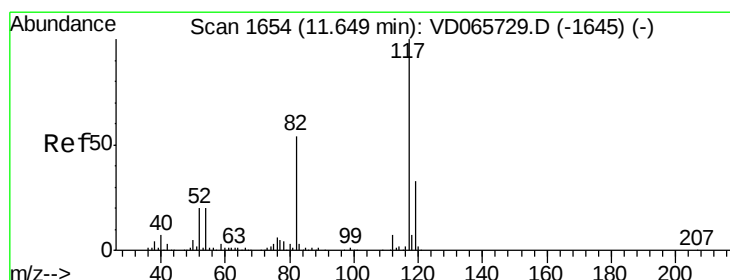
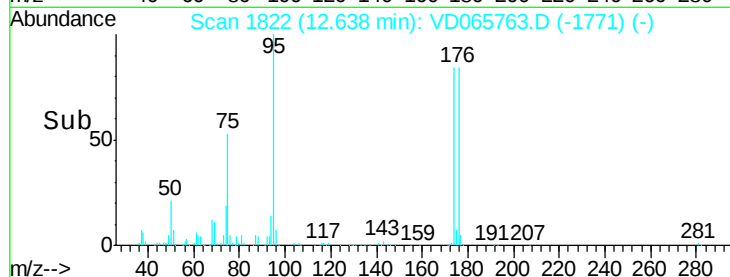
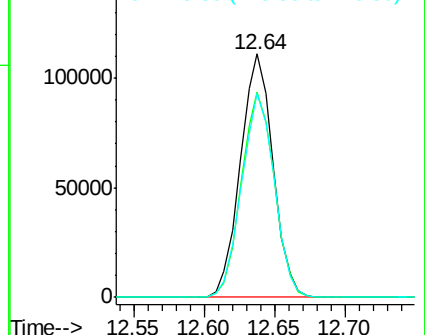
176 84.4 0.0 174.0



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: VD065763.D

Acq: 26 May 2020 15:45

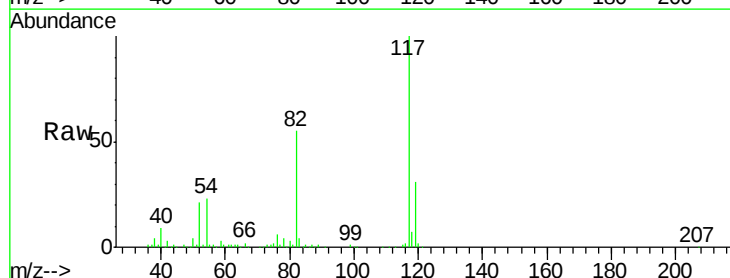
Tgt Ion: 117 Resp: 413722

Ion Ratio Lower Upper

117 100

82 55.4 43.0 64.6

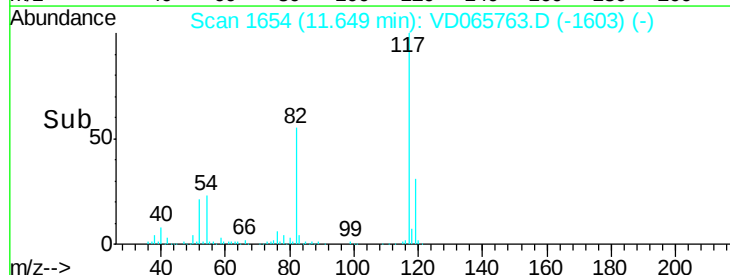
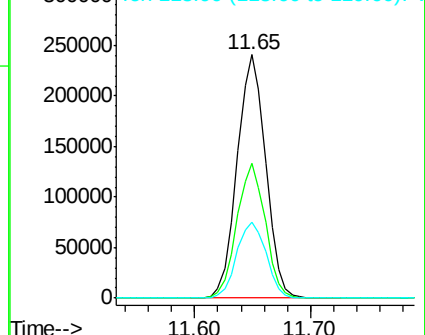
119 31.1 26.6 40.0

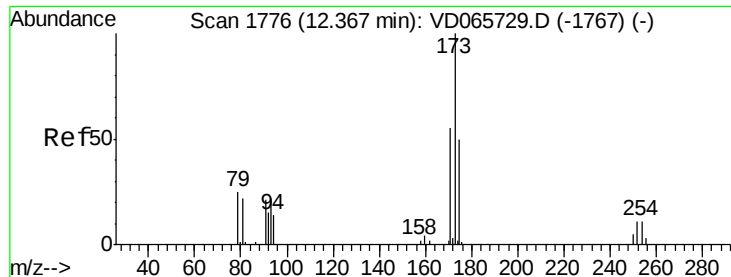


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 1.048 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.27 min

Lab File: VD065763.D

Acq: 26 May 2020 15:45

Instrument :

MSVOA_D

ClientSampled :

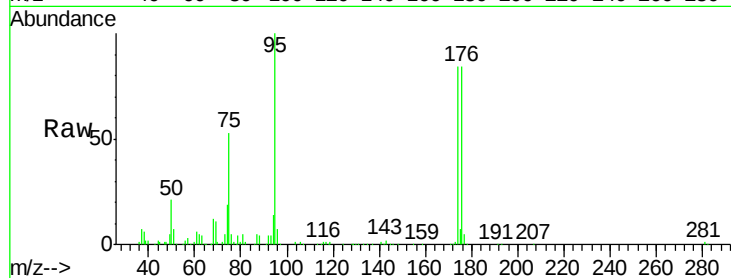
Tot Ion:173 Resp: 1688

Ion Ratio Lower Upper

173 100

175 536.6 24.6 73.6#

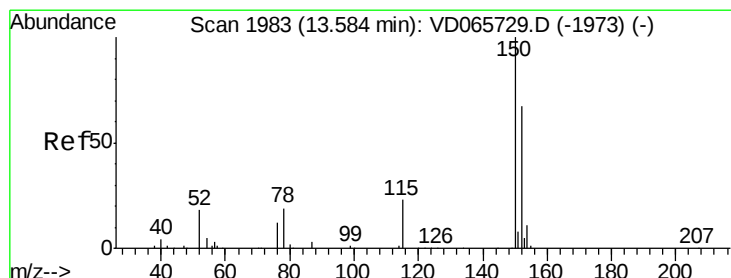
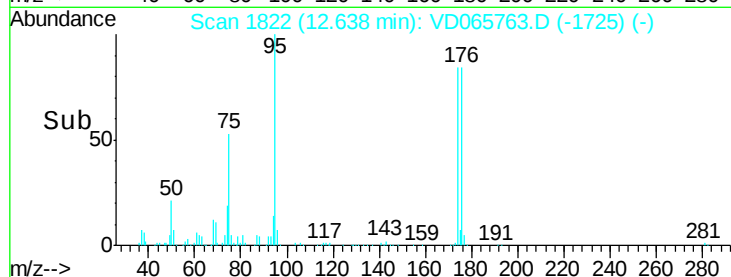
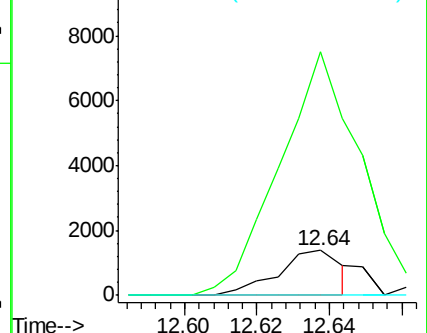
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VD065763.D

Acq: 26 May 2020 15:45

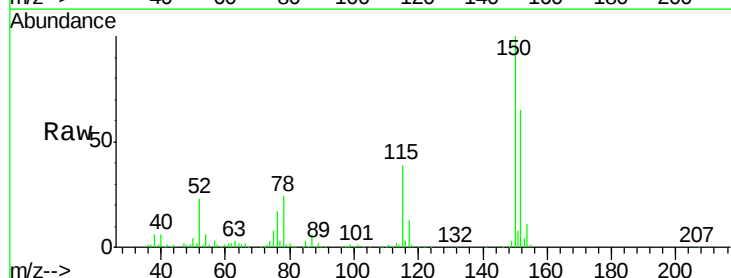
Tgt Ion:152 Resp: 186549

Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.3

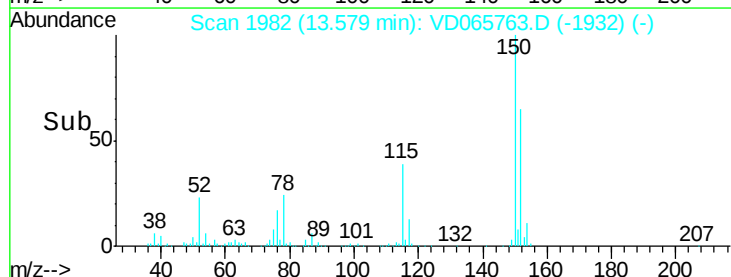
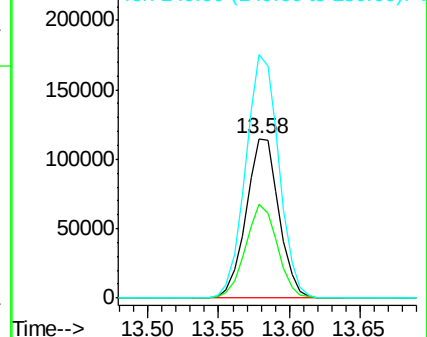
150 154.6 0.0 343.2

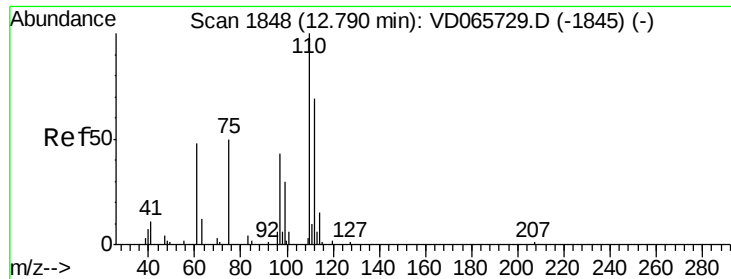


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

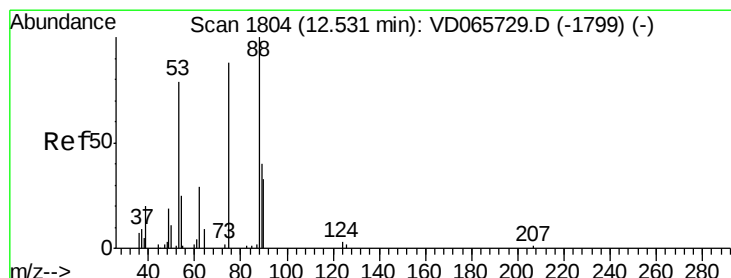
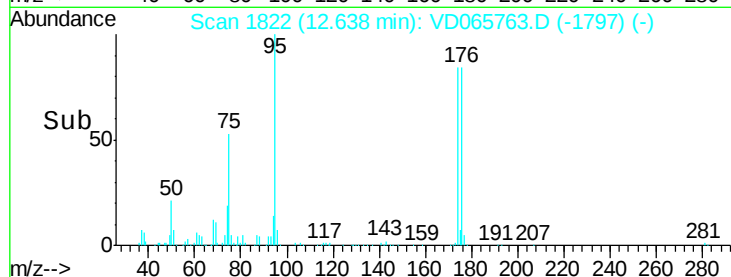
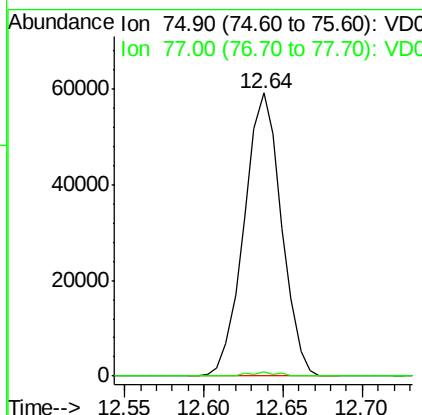
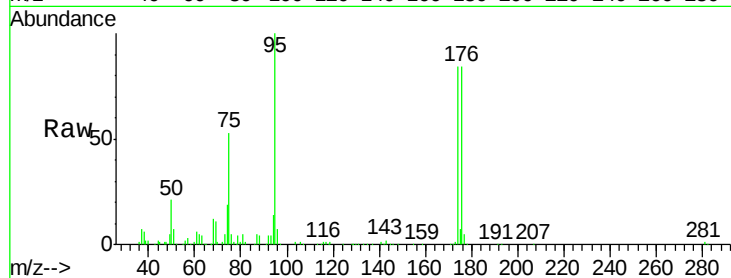




#76
 1,2,3-Trichloropropane
 Concen: 69.512 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065763.D
 Acq: 26 May 2020 15:45

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 96777
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.372 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD065763.D
 Acq: 26 May 2020 15:45

Tgt Ion: 75 Resp: 96777
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.6 109.0#
 89 0.0 37.0 55.4#

