

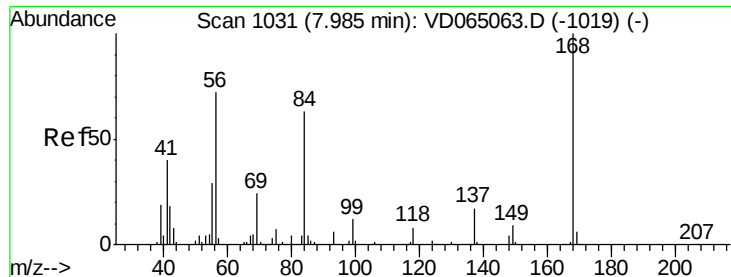
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021420\
 Data File : VD065190.D
 Acq On : 14 Feb 2020 16:47
 Operator : VA/SY
 Sample : L1531-03
 Misc : 8.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 15 00:10:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	682336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1087546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1104082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	518695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	248232	42.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.60%	
35) Dibromofluoromethane	7.92	113	307578	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.34	98	1325021	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
62) 4-Bromofluorobenzene	12.64	95	478182	62.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.96%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	9349	6.448	ug/l #	85
17) Carbon Disulfide	4.40	76	22224	1.149	ug/l	99
31) Cyclohexane	7.98	56	13657	1.184	ug/l #	13
36) 1,1-Dichloropropene	7.98	75	50944	5.038	ug/l #	49
38) Carbon Tetrachloride	7.98	117	64282	6.224	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	240231	61.173	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	240231	122.341	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065190.D

Acq: 14 Feb 2020 16:47

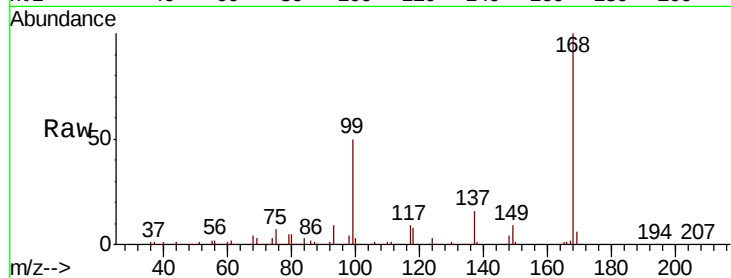
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 682336

Ion Ratio Lower Upper

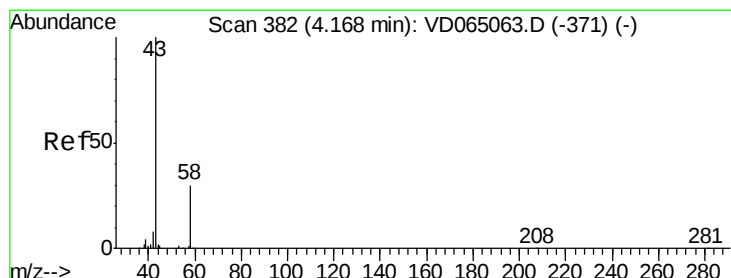
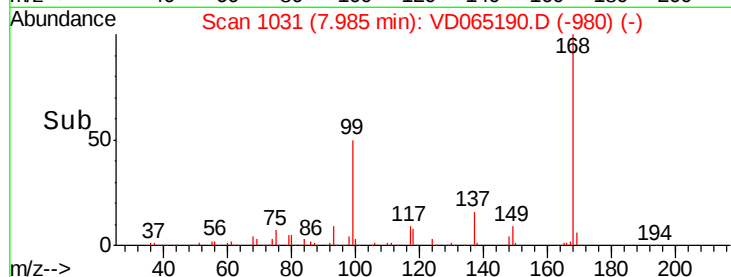
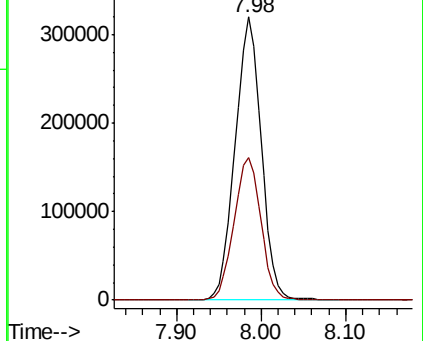
168 100

99 50.5 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 6.448 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD065190.D

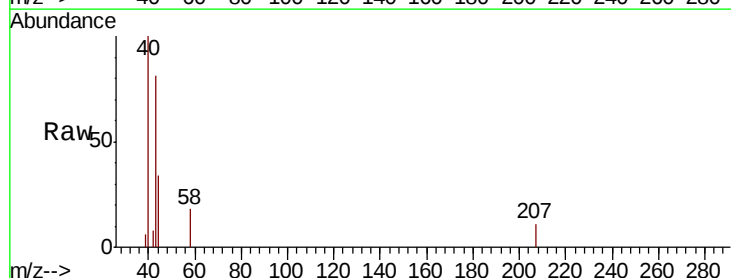
Acq: 14 Feb 2020 16:47

Tgt Ion: 43 Resp: 9349

Ion Ratio Lower Upper

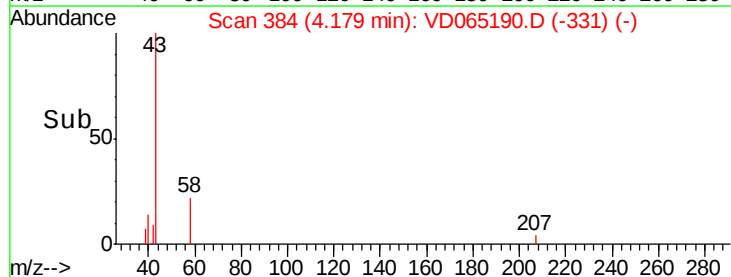
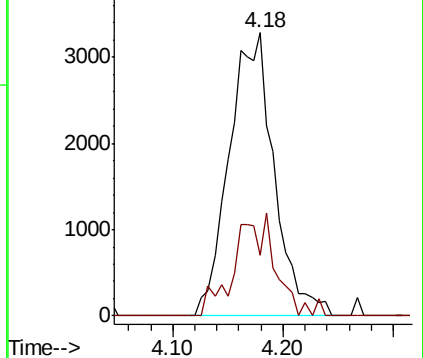
43 100

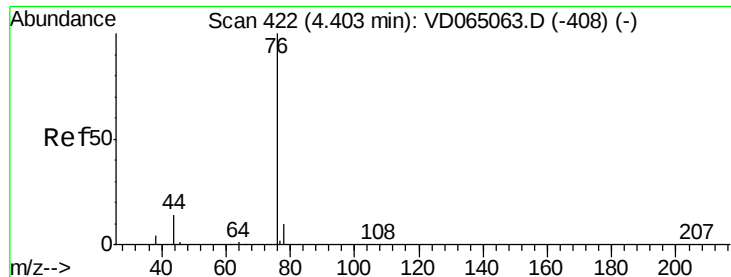
58 21.6 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

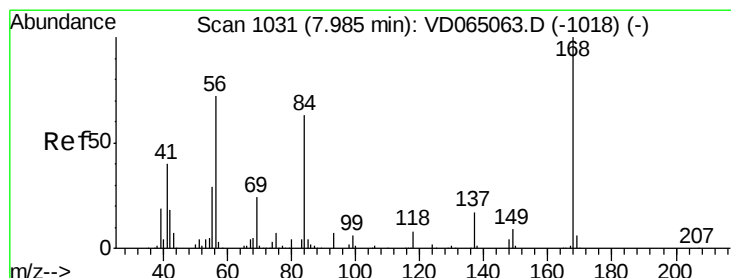
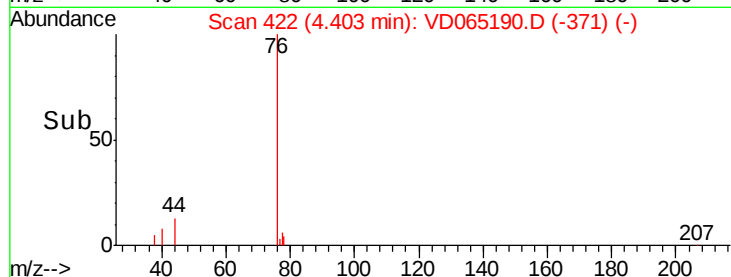
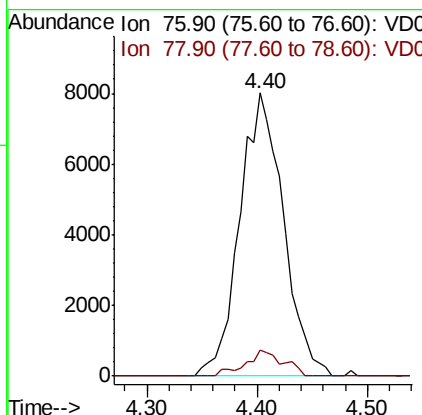
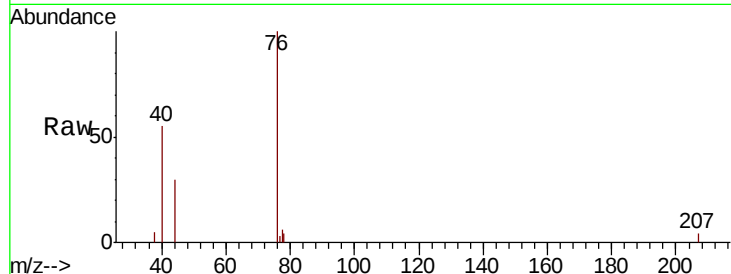




#17
Carbon Disulfide
Concen: 1.149 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD065190.D
Acq: 14 Feb 2020 16:47

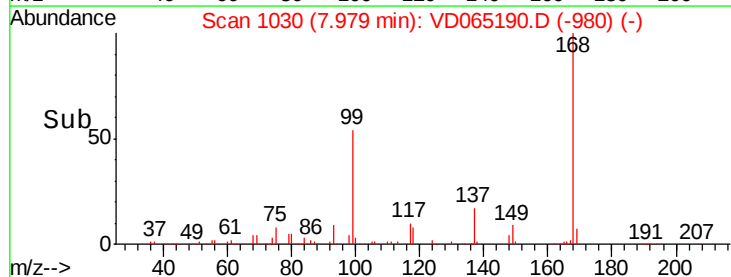
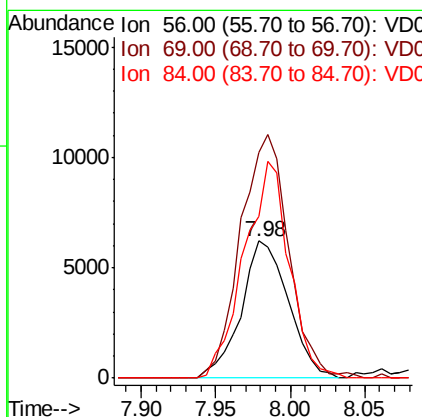
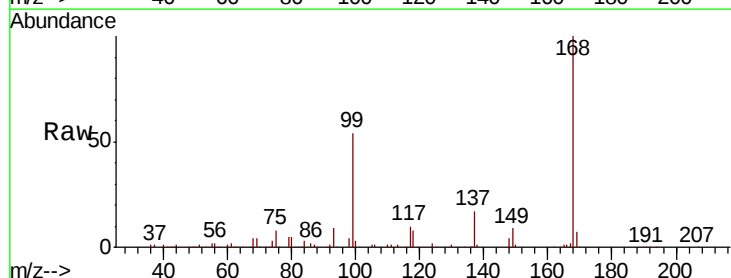
Instrument :
MSVOA_D
ClientSampleId :

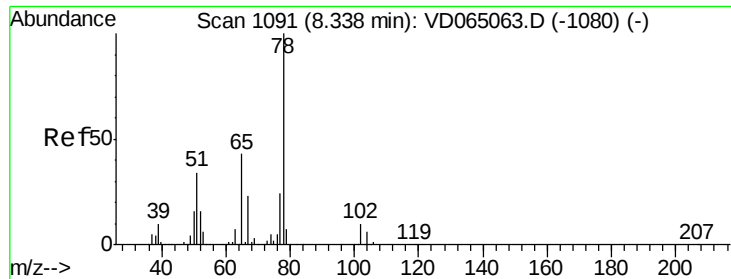
Tot Ion: 76 Resp: 22224
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065190.D
Acq: 14 Feb 2020 16:47

Tgt Ion: 56 Resp: 13657
Ion Ratio Lower Upper
56 100
69 164.8 26.6 40.0#
84 118.4 70.6 106.0#

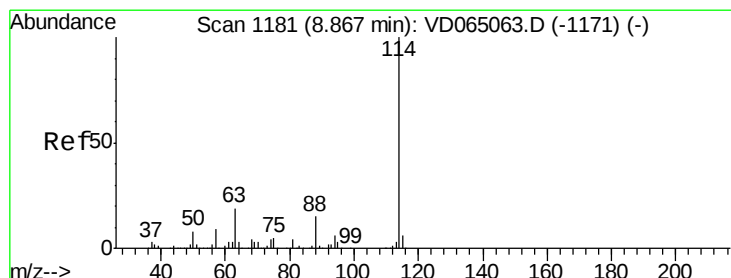
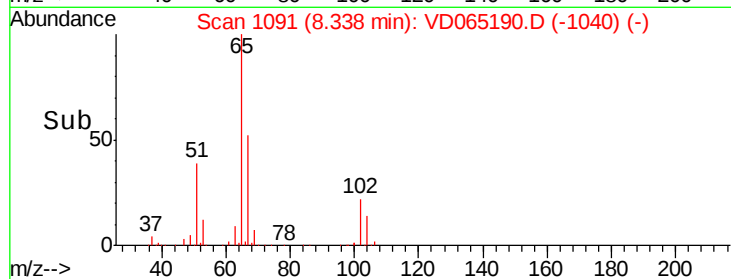
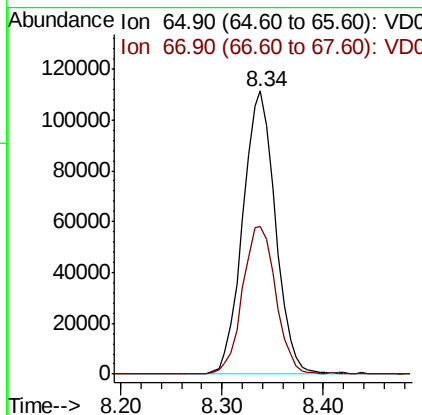
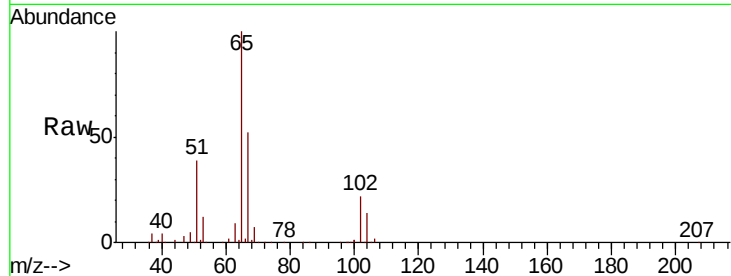




#33
 1,2-Dichloroethane-d4
 Concen: 42.804 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065190.D
 Acq: 14 Feb 2020 16:47

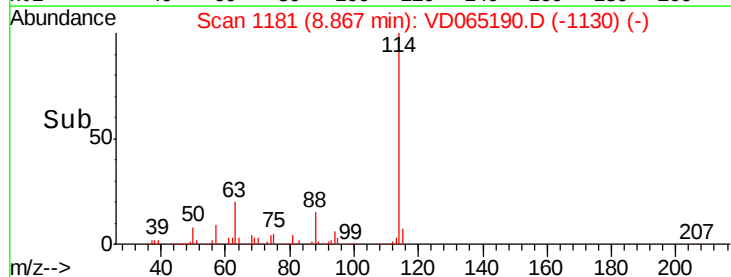
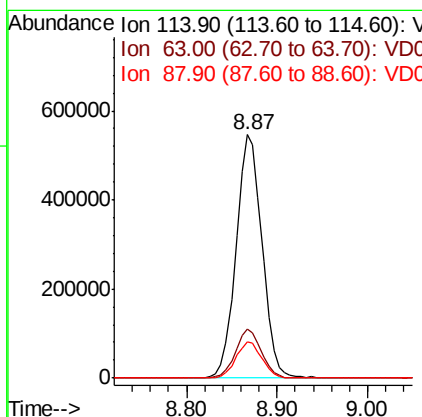
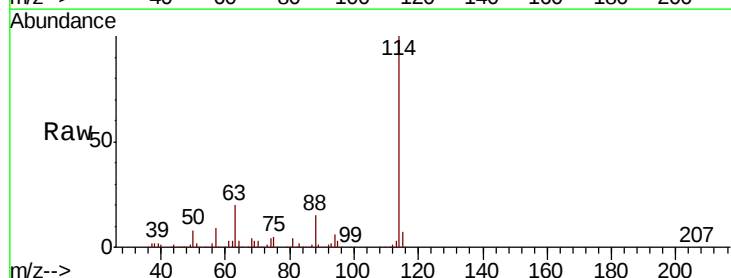
Instrument :
 MSVOA_D
 ClientSampleId :

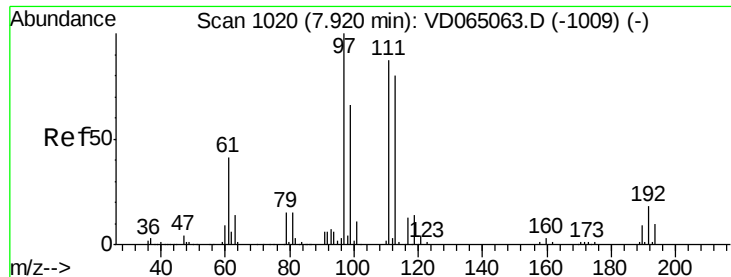
Tot Ion: 65 Resp: 248232
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065190.D
 Acq: 14 Feb 2020 16:47

Tgt Ion: 114 Resp: 1087546
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.8
 88 15.1 0.0 29.6

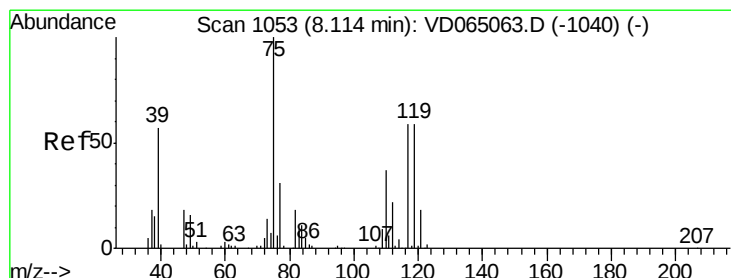
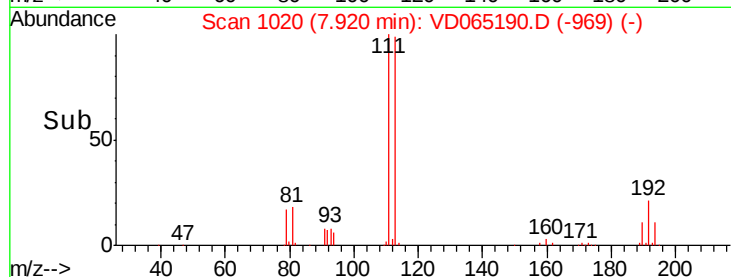
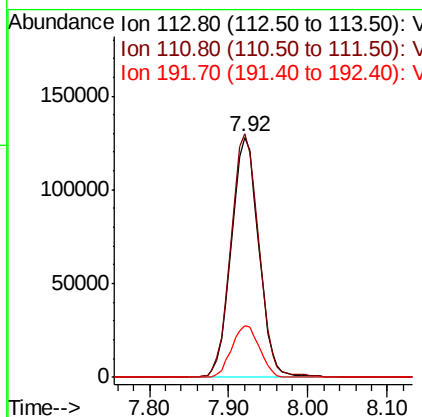
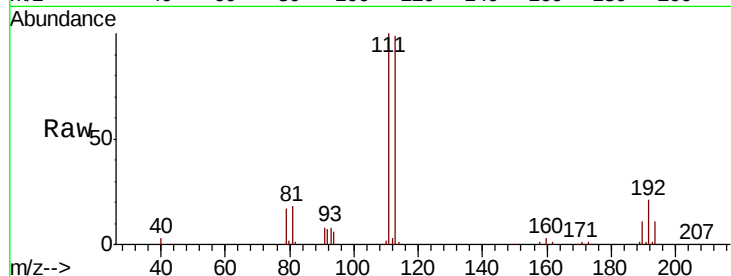




#35
 Dibromofluoromethane
 Concen: 50.690 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065190.D
 Acq: 14 Feb 2020 16:47

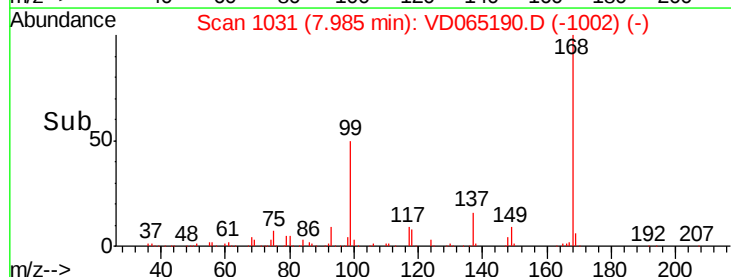
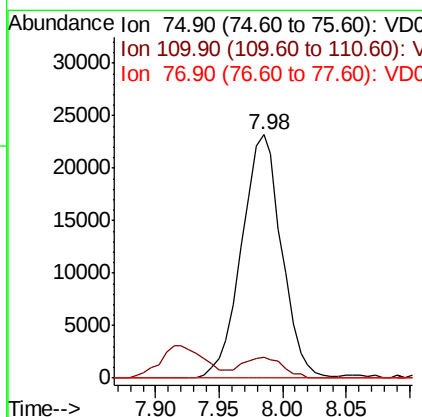
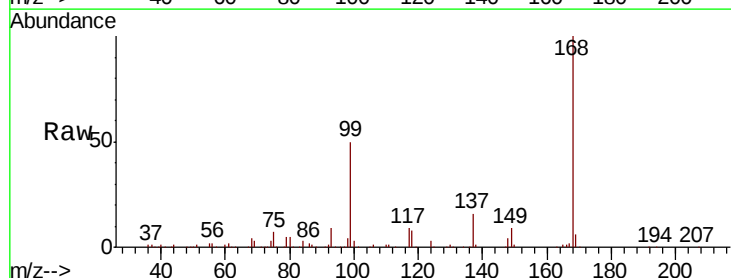
Instrument :
 MSVOA_D
 ClientSampleId :

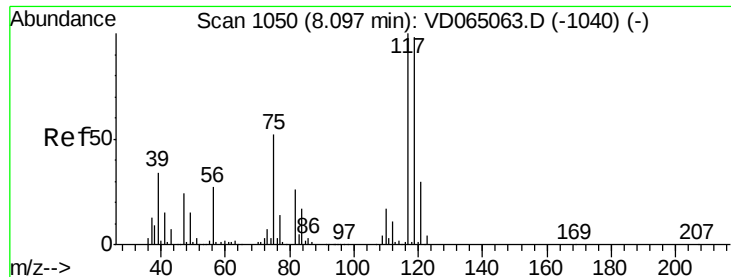
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	21.8	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 5.038 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065190.D
 Acq: 14 Feb 2020 16:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	24.7	37.1#

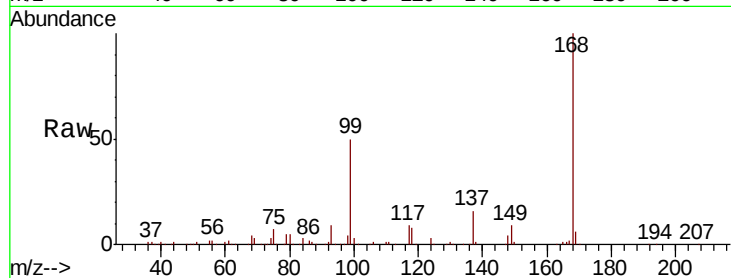




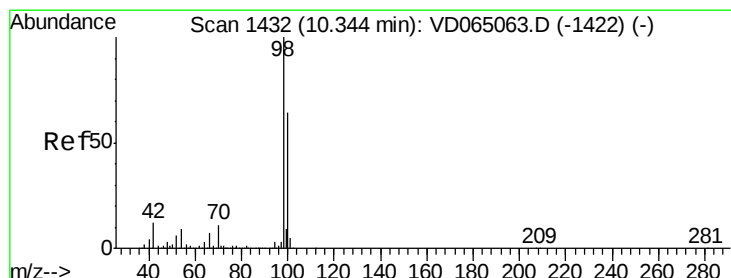
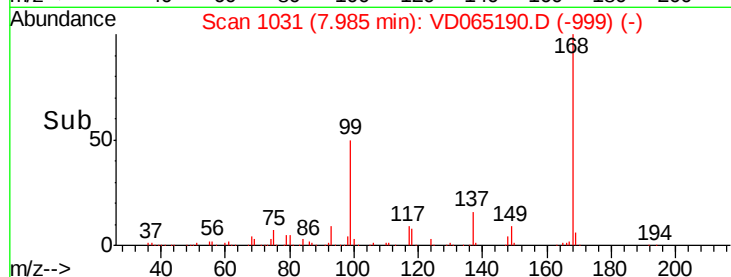
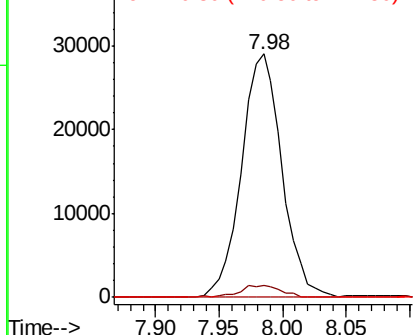
#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065190.D
Acq: 14 Feb 2020 16:47

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 64282
Ion Ratio Lower Upper
117 100
119 4.9 78.5 117.7#
121 0.0 23.8 35.6#

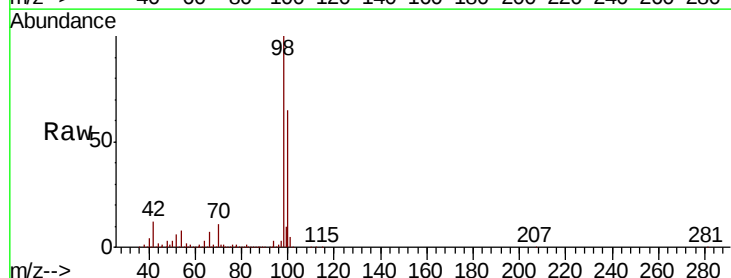


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

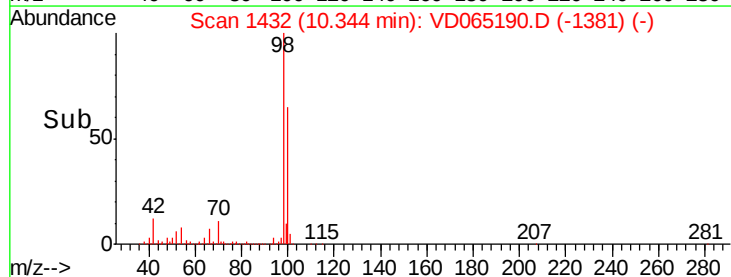
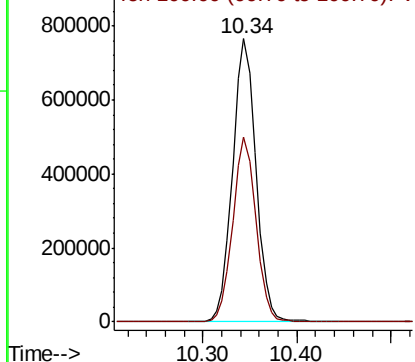


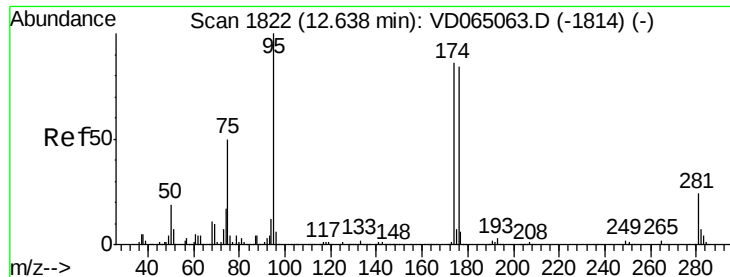
#50
Toluene-d8
Concen: 54.862 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065190.D
Acq: 14 Feb 2020 16:47

Tgt Ion: 98 Resp: 1325021
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 62.485 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065190.D

Acq: 14 Feb 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

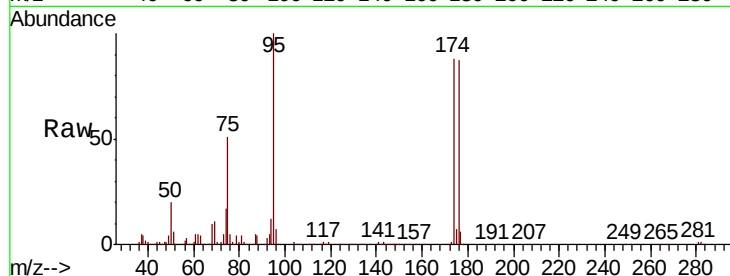
Tot Ion: 95 Resp: 478182

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

176 85.9 0.0 173.2



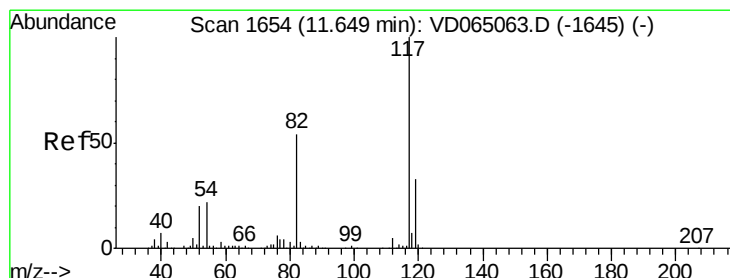
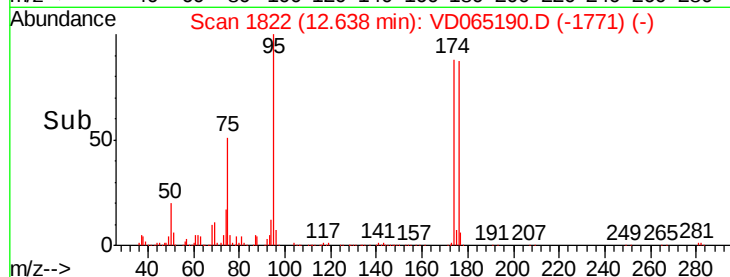
Abundance Ion 94.90 (94.60 to 95.60): VD065190.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065190.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065190.D (-1771) (-)

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065190.D

Acq: 14 Feb 2020 16:47

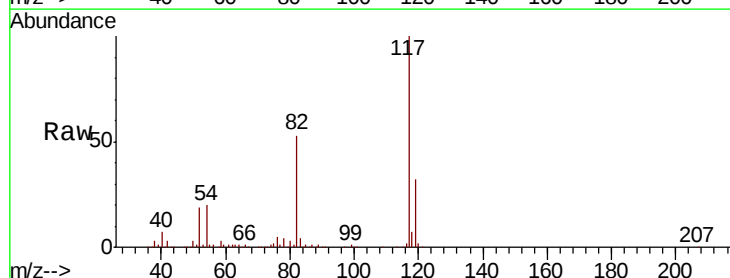
Tgt Ion: 117 Resp: 1104082

Ion Ratio Lower Upper

117 100

82 53.0 43.1 64.7

119 31.7 26.0 39.0



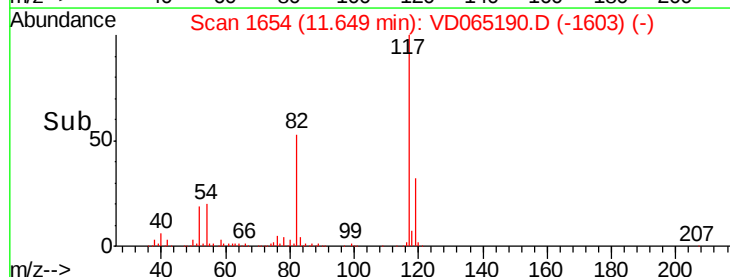
Abundance Ion 116.90 (116.60 to 117.60): VD065190.D (-1603) (-)

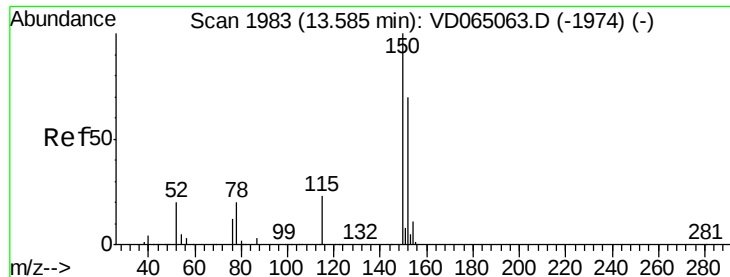
Ion 82.00 (81.70 to 82.70): VD065190.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065190.D (-1603) (-)

11.65

Time-->



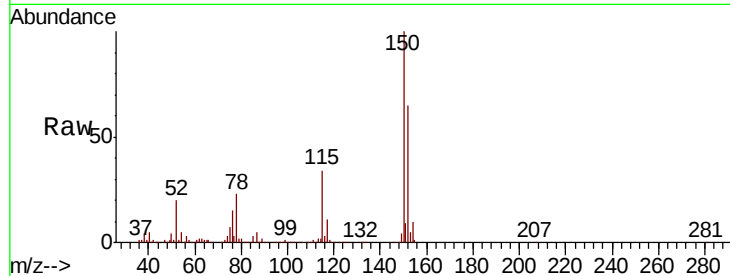


#72

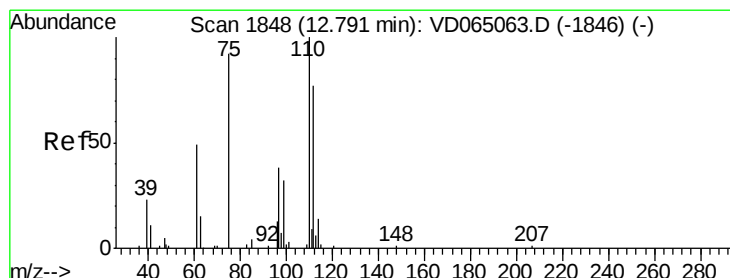
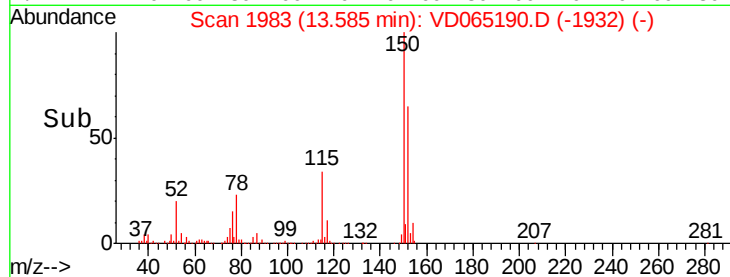
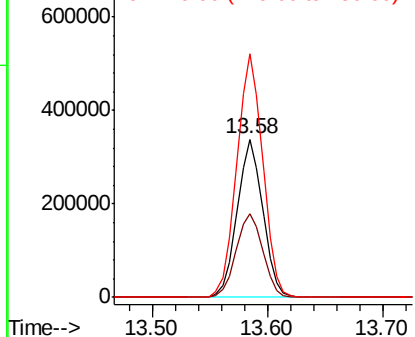
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065190.D
Acq: 14 Feb 2020 16:47

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.5	82.4
150	156.7	0.0	343.2



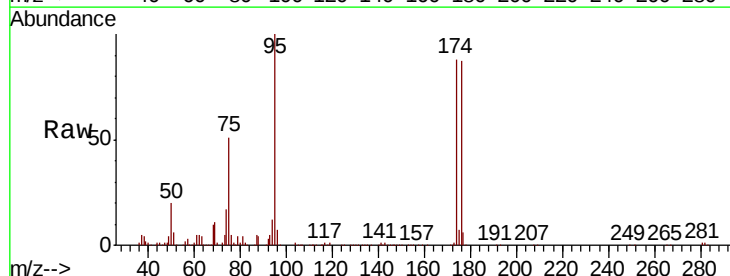
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



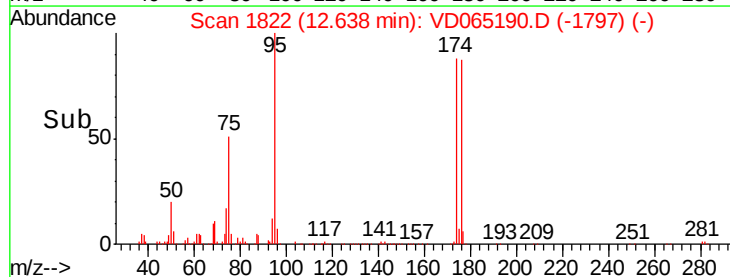
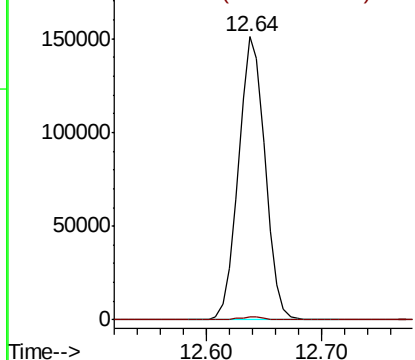
#76

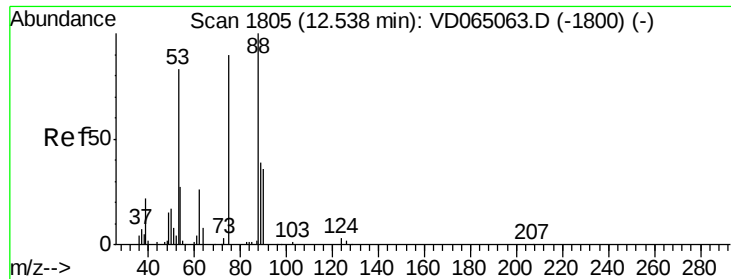
1,2,3-Trichloropropane
Concen: 61.173 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065190.D
Acq: 14 Feb 2020 16:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 122.341 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065190.D

Acq: 14 Feb 2020 16:47

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 240231

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.0 55.4#

