

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065178.D
 Acq On : 13 Feb 2020 15:48
 Operator : VA/SY
 Sample : L1529-02
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 14 07:18:56 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

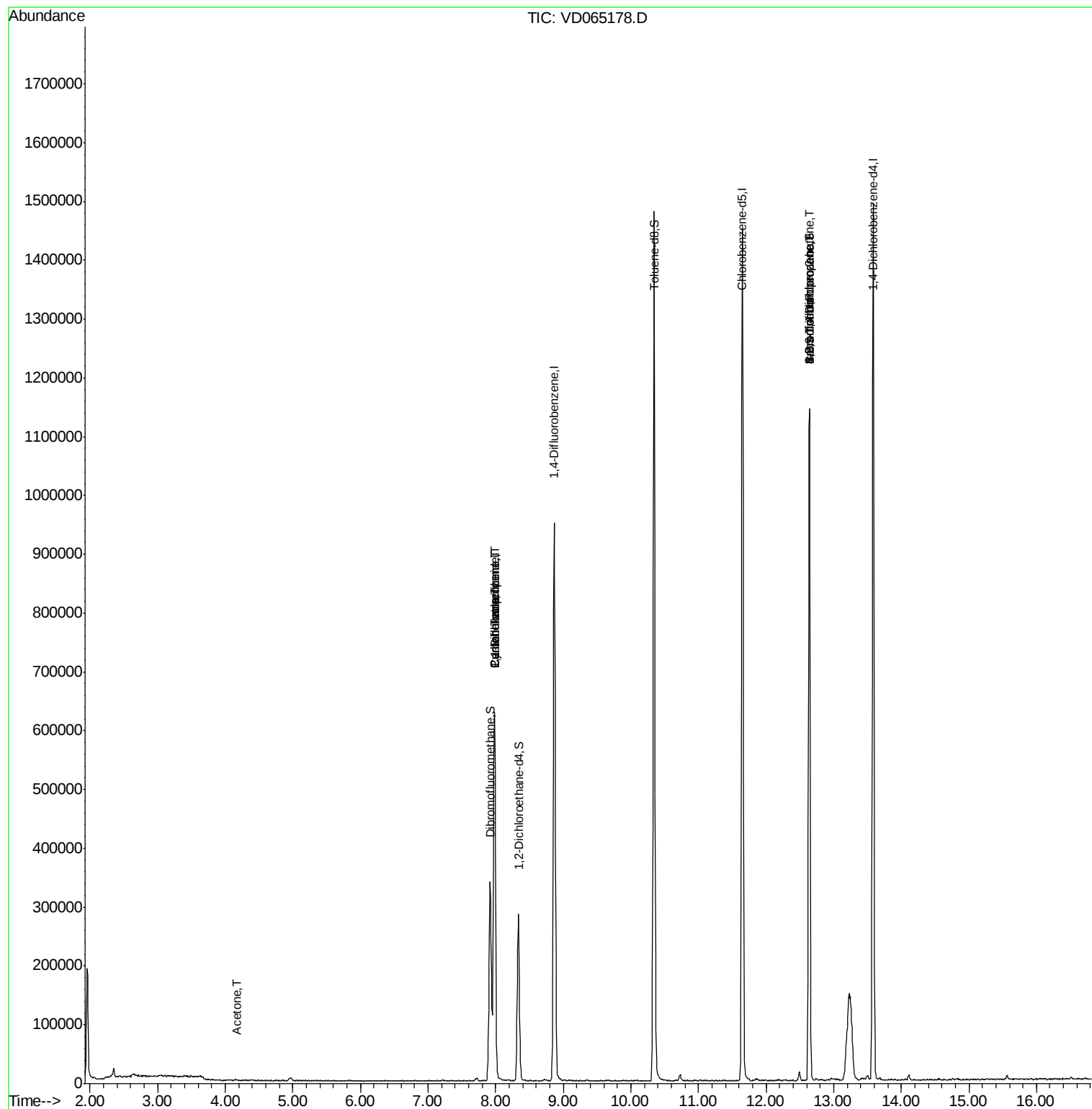
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	489725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	795231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	836002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	404175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	222124	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
35) Dibromofluoromethane	7.91	113	243391	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
50) Toluene-d8	10.34	98	981676	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.64	95	363693	64.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.98%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	2266	2.178	ug/l #	45
20) Methylene Chloride	4.96	84	3889	Below Cal	#	71
31) Cyclohexane	7.98	56	10460	1.263	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	36434	4.927	ug/l #	49
38) Carbon Tetrachloride	7.98	117	44985	5.957	ug/l #	16
71) Bromoform	12.64	173	3262	1.016	ug/l #	29
76) 1,2,3-Trichloropropane	12.64	75	187061	61.130	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	187061	122.256	ug/l #	10

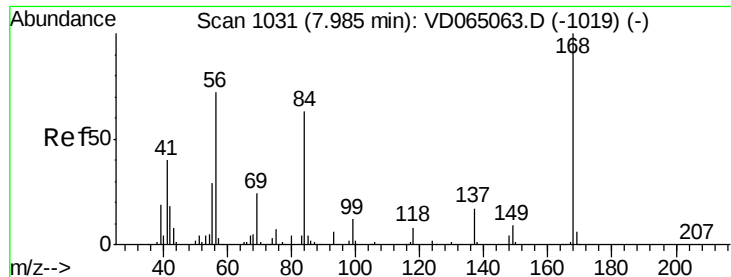
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\
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ClientSampleId :

Quant Time: Feb 14 07:18:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 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: VD065178.D

Acq: 13 Feb 2020 15:48

Instrument :

MSVOA_D

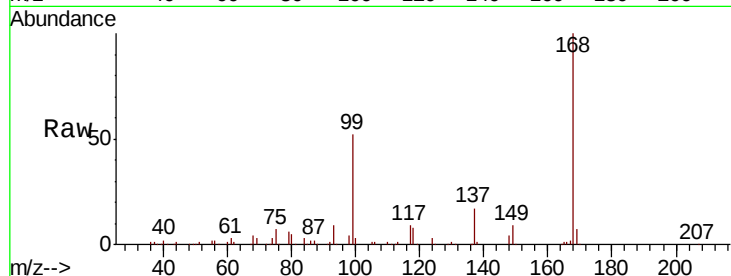
ClientSampleId :

Tot Ion:168 Resp: 489725

Ion Ratio Lower Upper

168 100

99 52.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

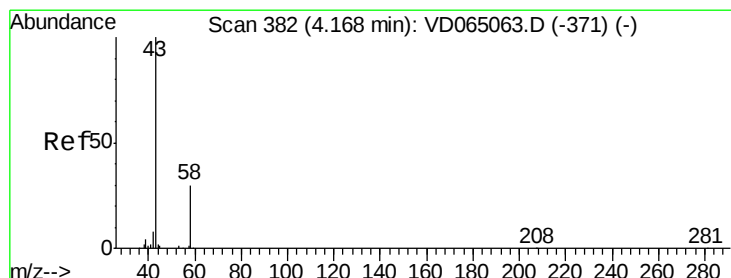
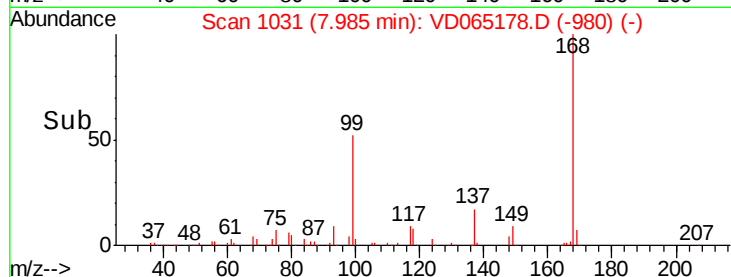
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.178 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD065178.D

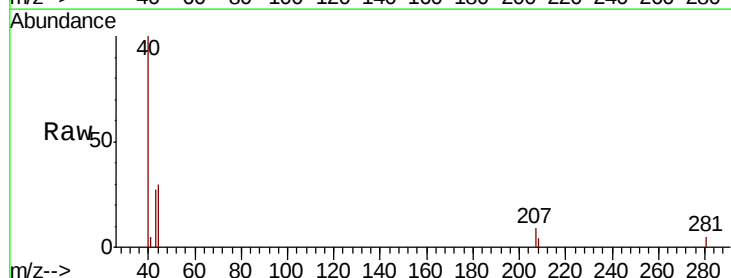
Acq: 13 Feb 2020 15:48

Tgt Ion: 43 Resp: 2266

Ion Ratio Lower Upper

43 100

58 0.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

1000

800

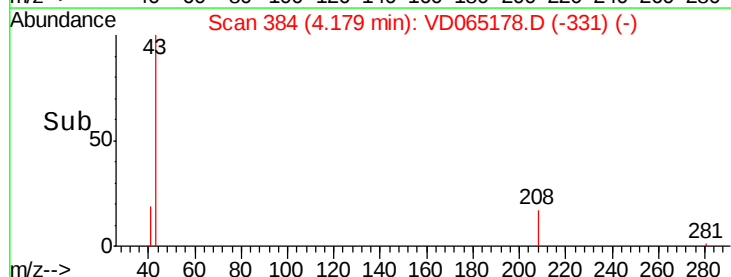
600

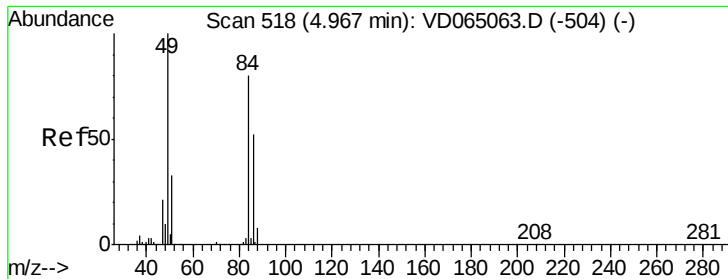
400

200

0

Time-->

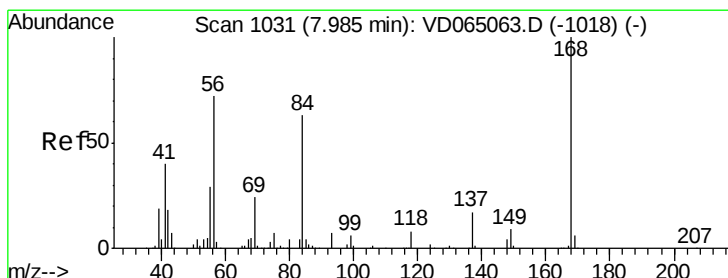
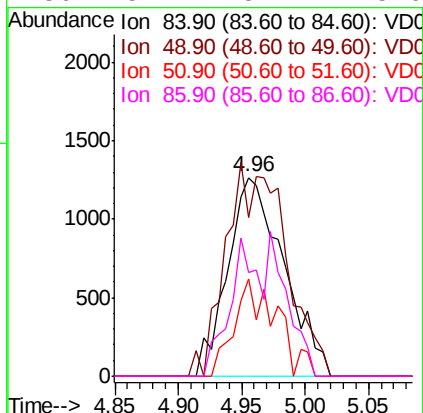
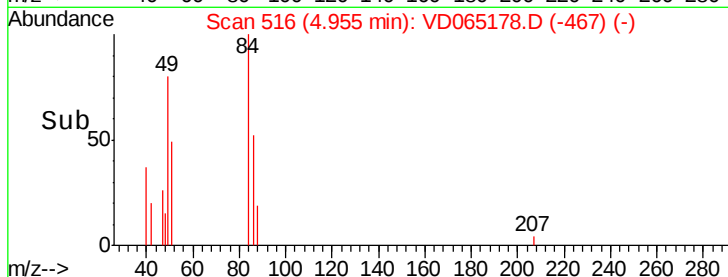
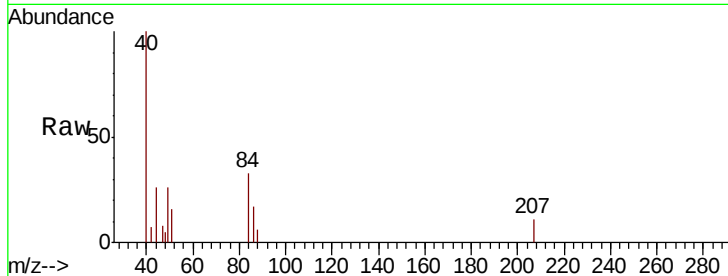




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065178.D
Acq: 13 Feb 2020 15:48

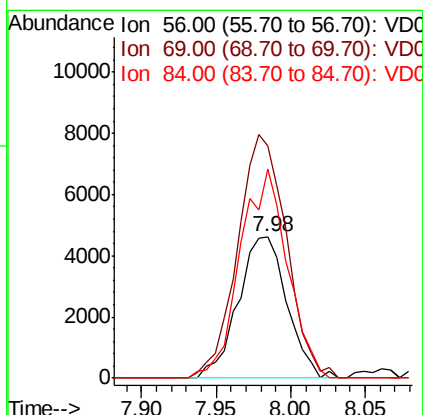
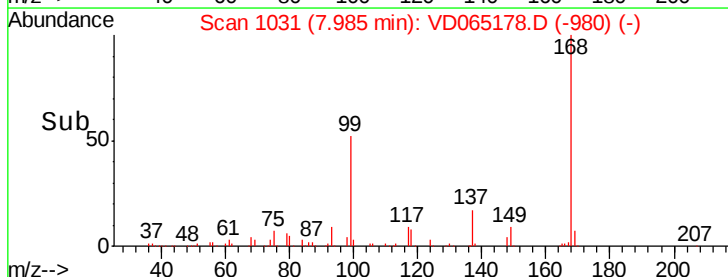
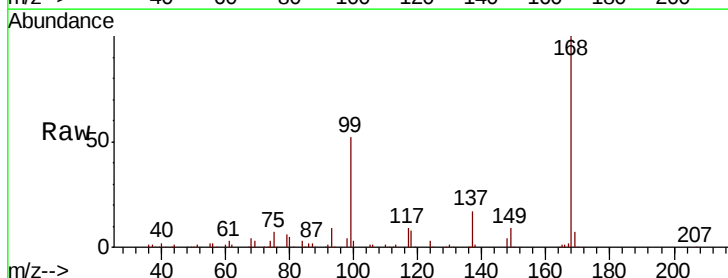
Instrument :
MSVOA_D
ClientSampleId :

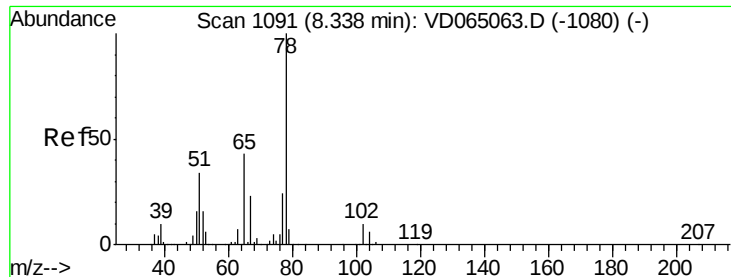
Tot Ion:	84	Resp:	3889
Ion	Ratio	Lower	Upper
84	100		
49	79.9	100.4	150.6#
51	49.1	32.7	49.1
86	52.1	52.4	78.6#



#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065178.D
Acq: 13 Feb 2020 15:48

Tgt Ion:	56	Resp:	10460
Ion	Ratio	Lower	Upper
56	100		
69	164.3	26.6	40.0#
84	147.7	70.6	106.0#

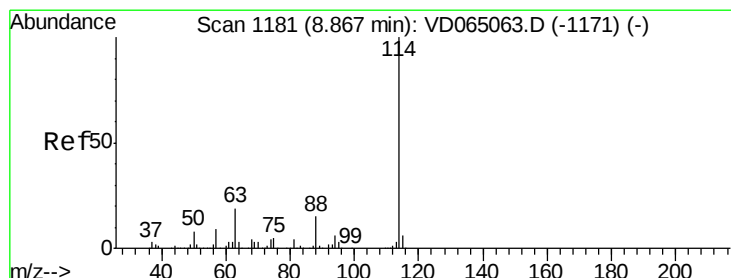
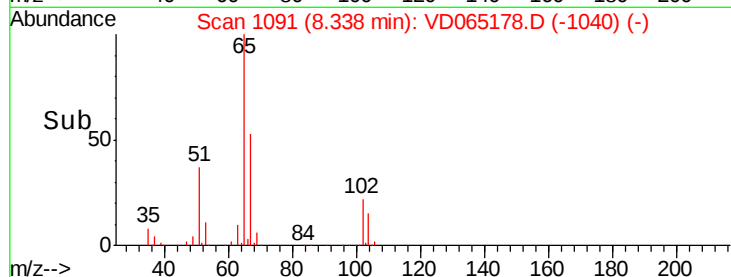
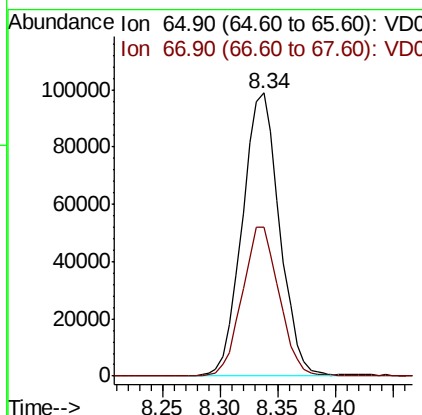
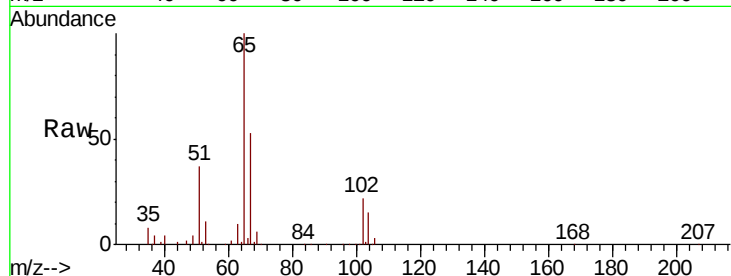




#33
 1,2-Dichloroethane-d4
 Concen: 53.366 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065178.D
 Acq: 13 Feb 2020 15:48

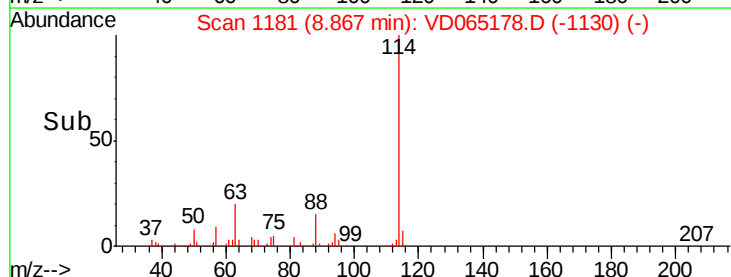
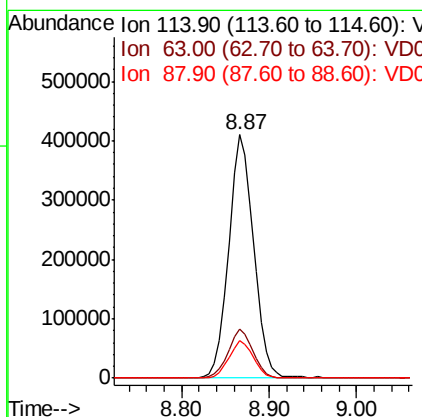
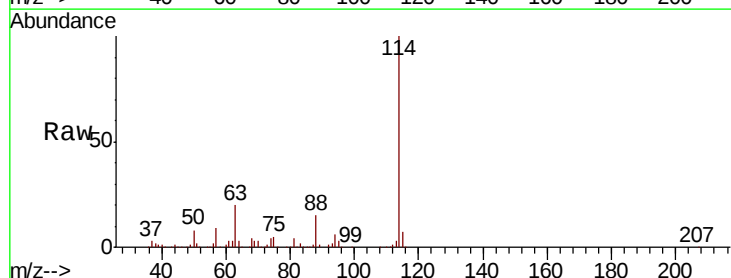
Instrument :
 MSVOA_D
 ClientSampled :

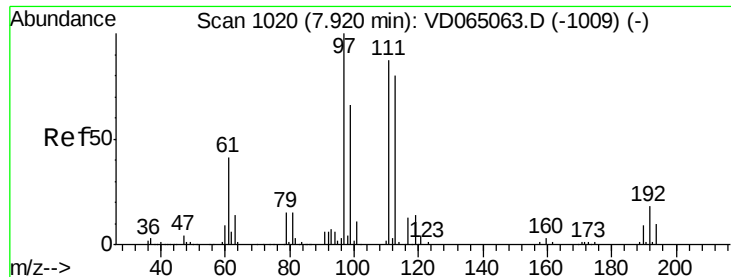
Tot Ion: 65 Resp: 222124
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065178.D
 Acq: 13 Feb 2020 15:48

Tgt Ion: 114 Resp: 795231
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.8
 88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 54.856 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065178.D

Acq: 13 Feb 2020 15:48

Instrument :
MSVOA_D
ClientSampled :

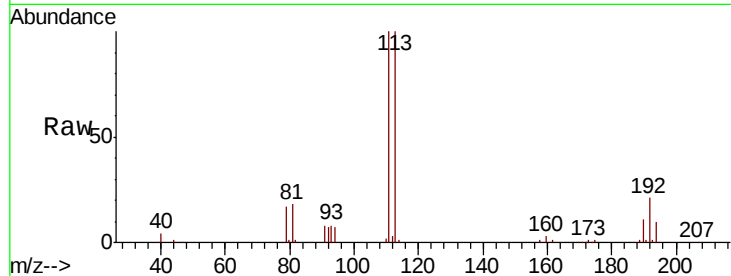
Tot Ion:113 Resp: 243391

Ion Ratio Lower Upper

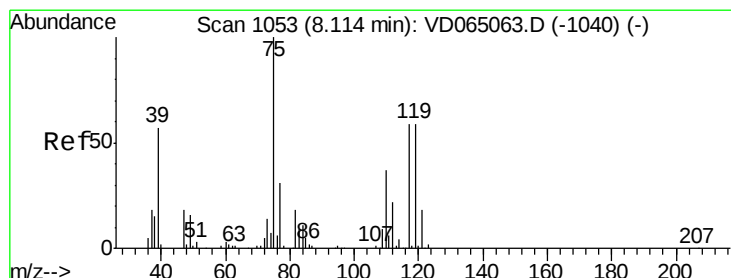
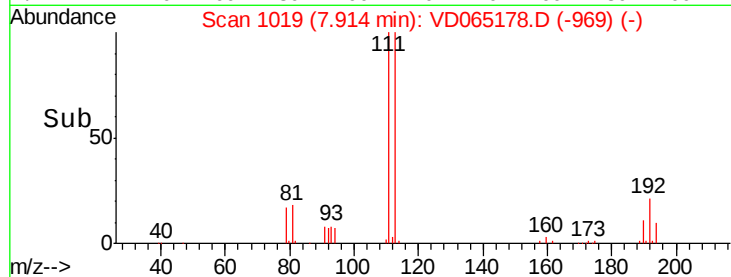
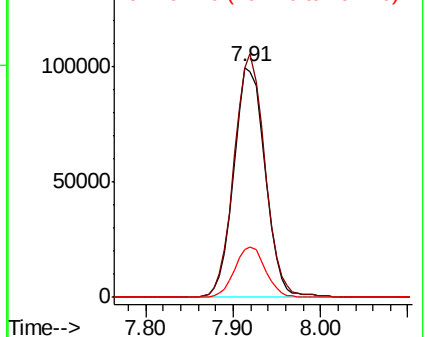
113 100

111 104.0 83.1 124.7

192 21.4 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065178.D

Acq: 13 Feb 2020 15:48

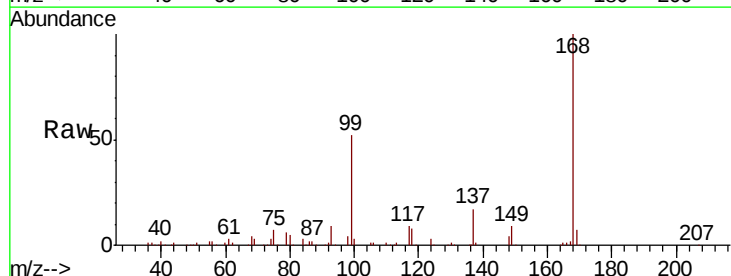
Tgt Ion: 75 Resp: 36434

Ion Ratio Lower Upper

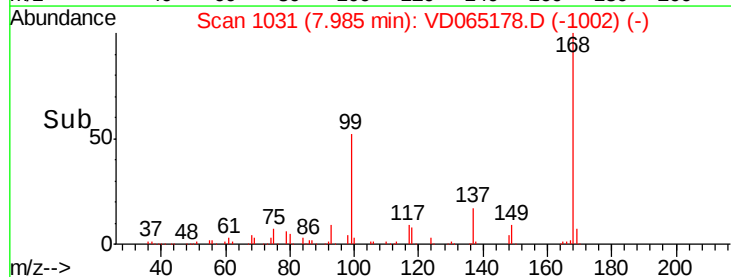
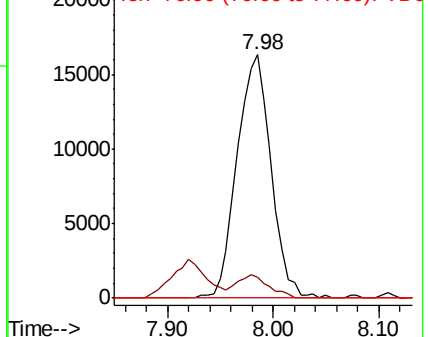
75 100

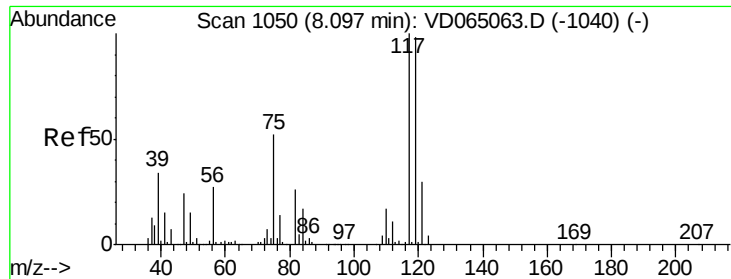
110 8.9 18.1 54.3#

77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

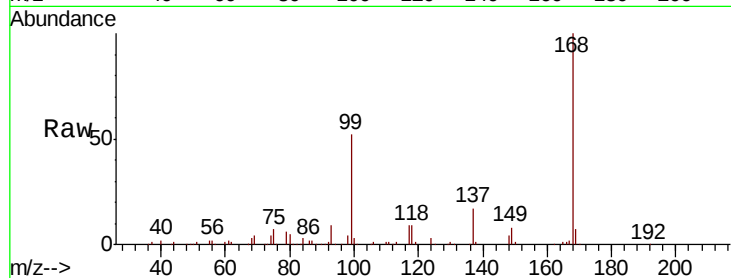




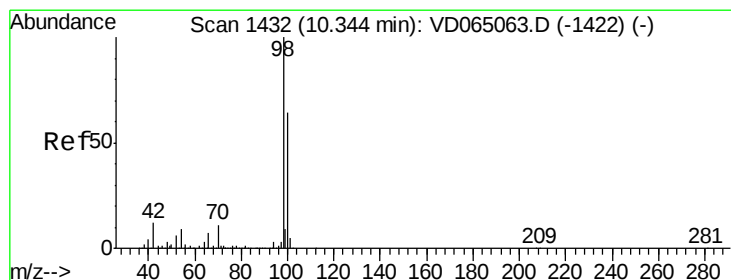
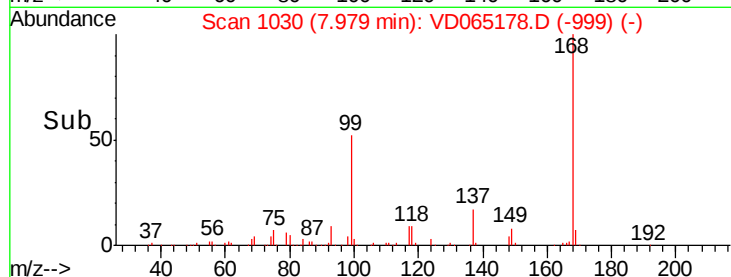
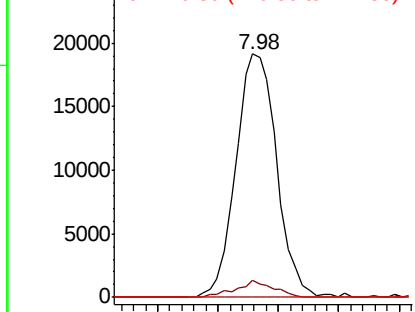
#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065178.D
Acq: 13 Feb 2020 15:48

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 44985
Ion Ratio Lower Upper
117 100
119 6.8 78.5 117.7#
121 0.0 23.8 35.6#

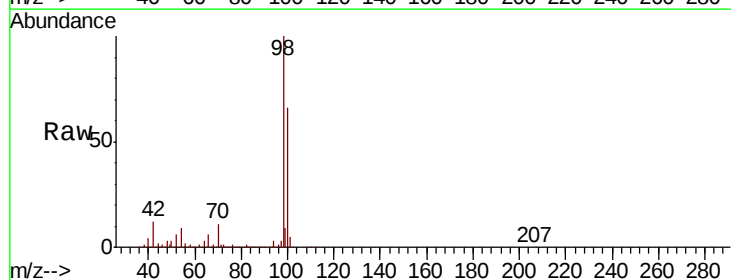


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

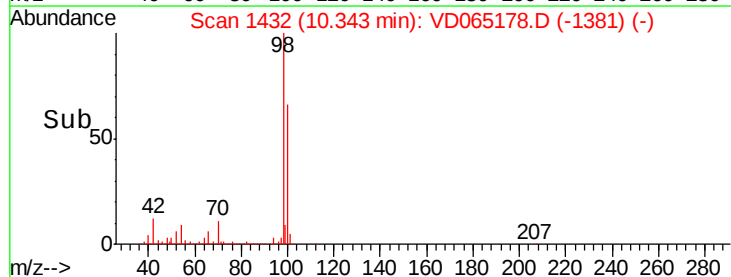
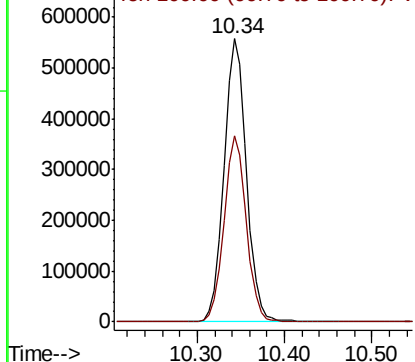


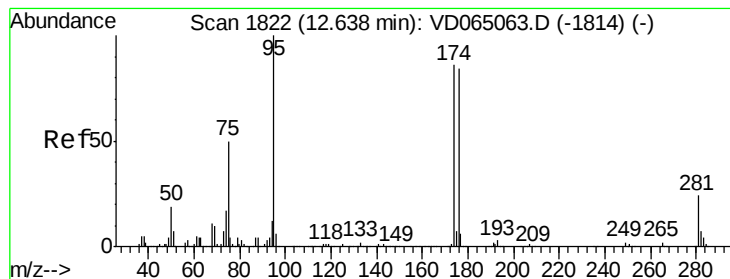
#50
Toluene-d8
Concen: 55.587 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065178.D
Acq: 13 Feb 2020 15:48

Tgt Ion: 98 Resp: 981676
Ion Ratio Lower Upper
98 100
100 65.5 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: 64.993 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065178.D

Acq: 13 Feb 2020 15:48

Instrument :

MSVOA_D

ClientSampled :

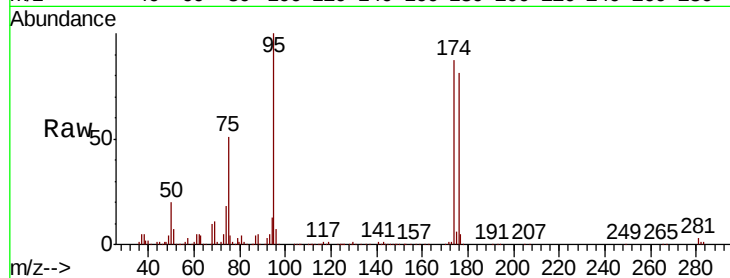
Tot Ion: 95 Resp: 363693

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

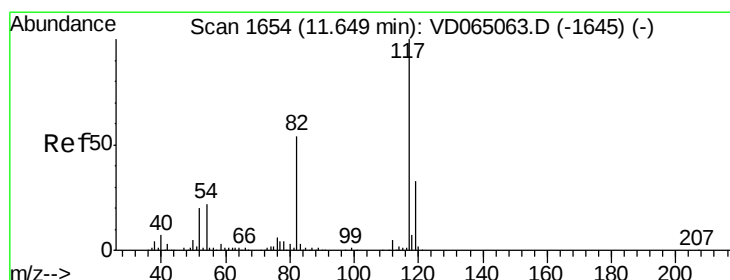
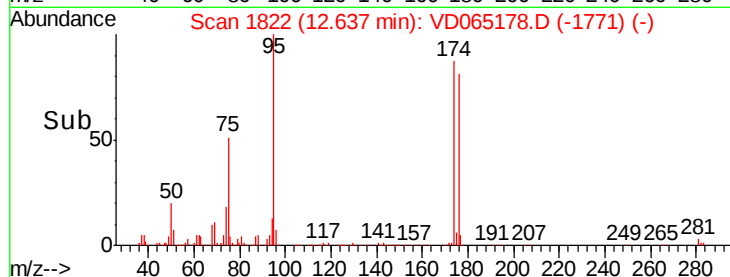
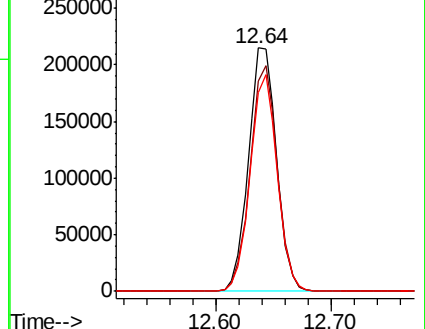
176 86.0 0.0 173.2



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: VD065178.D

Acq: 13 Feb 2020 15:48

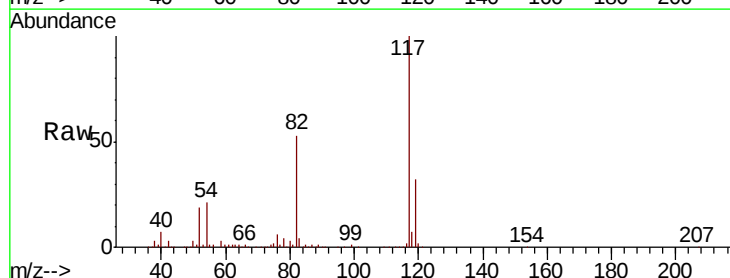
Tgt Ion: 117 Resp: 836002

Ion Ratio Lower Upper

117 100

82 53.1 43.1 64.7

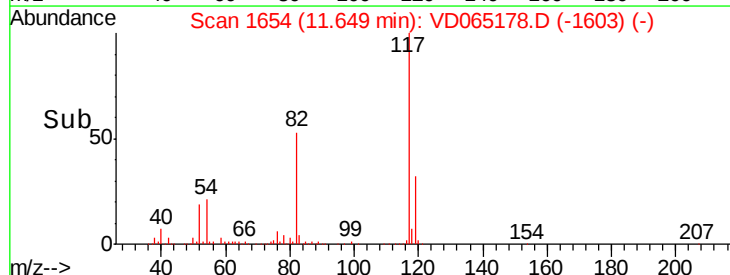
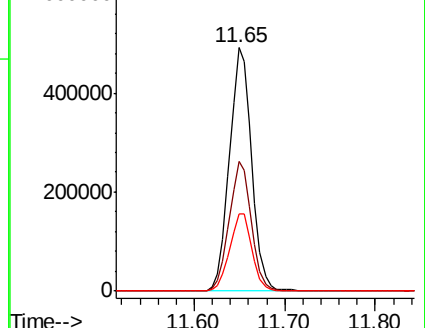
119 31.5 26.0 39.0

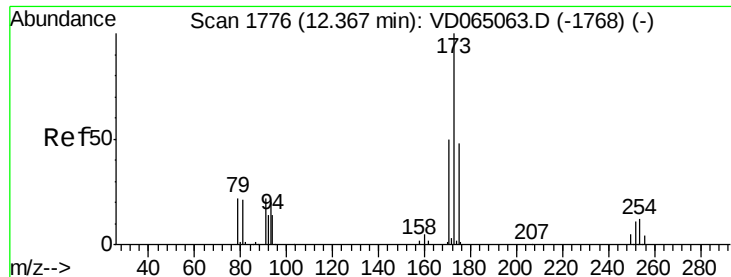


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 1.016 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.27 min

Lab File: VD065178.D

Acq: 13 Feb 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

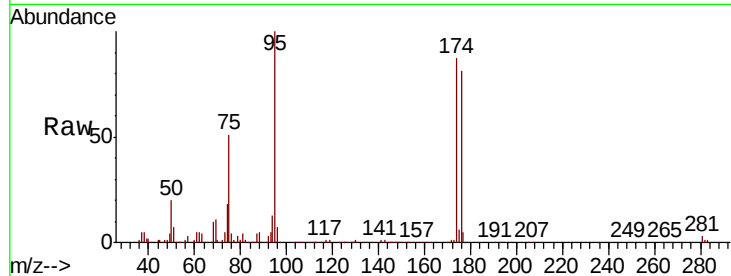
Tot Ion:173 Resp: 3262

Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.8#

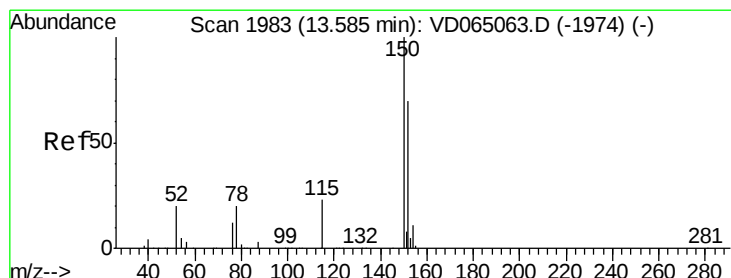
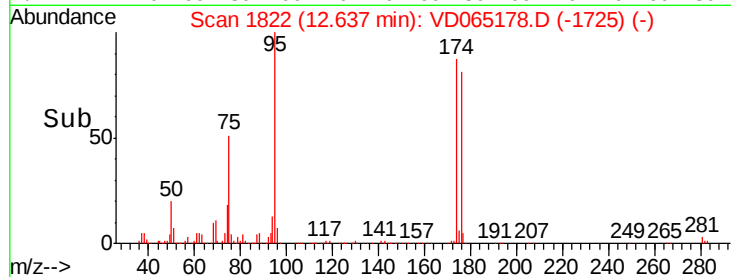
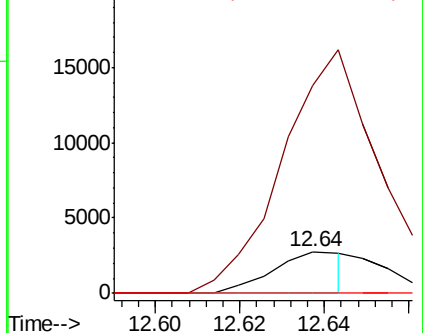
254 0.0 0.1 0.1#



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# 1983

Delta R.T. -0.00 min

Lab File: VD065178.D

Acq: 13 Feb 2020 15:48

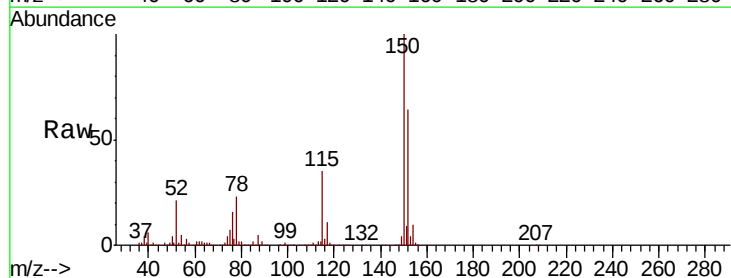
Tgt Ion:152 Resp: 404175

Ion Ratio Lower Upper

152 100

115 55.1 27.5 82.4

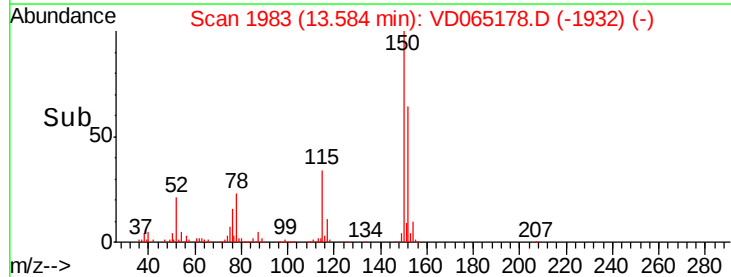
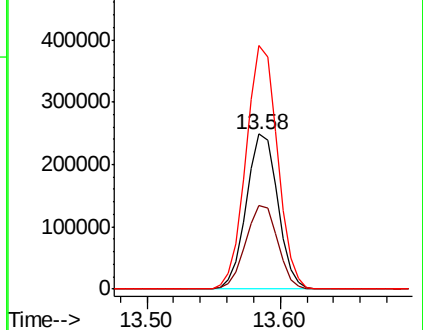
150 157.3 0.0 343.2

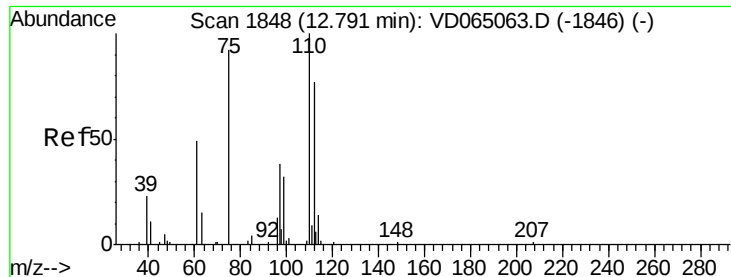


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 61.130 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065178.D

Acq: 13 Feb 2020 15:48

Instrument :

MSVOA_D

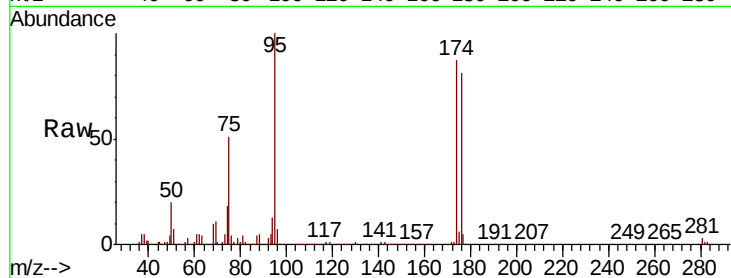
ClientSampleId :

Tot Ion: 75 Resp: 187061

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

120000

100000

80000

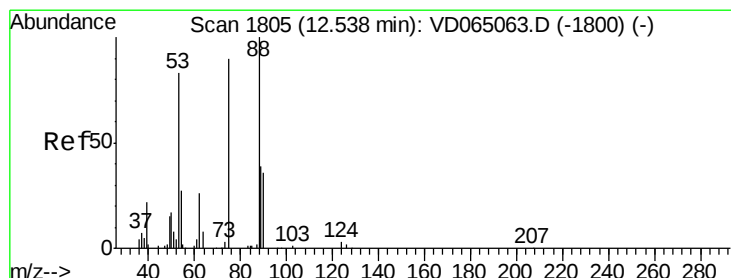
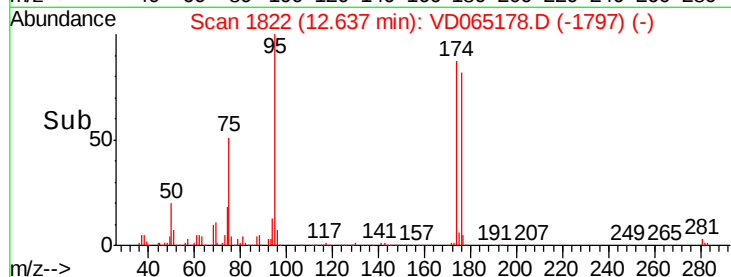
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 122.256 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065178.D

Acq: 13 Feb 2020 15:48

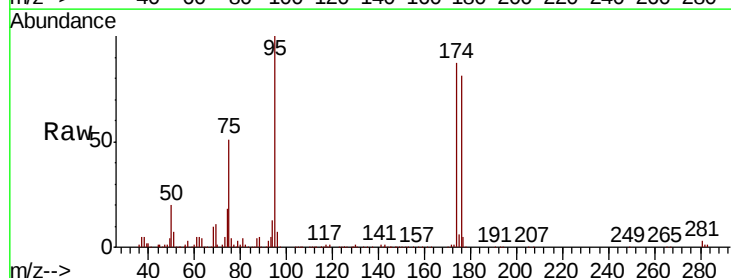
Tgt Ion: 75 Resp: 187061

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.1 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

150000

100000

50000

0

Time-->

