

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066115.D
 Acq On : 30 Jul 2020 16:58
 Operator : VA/SY
 Sample : L3494-07
 Misc : 7.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-02-9-10

Quant Time: Jul 31 02:03:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

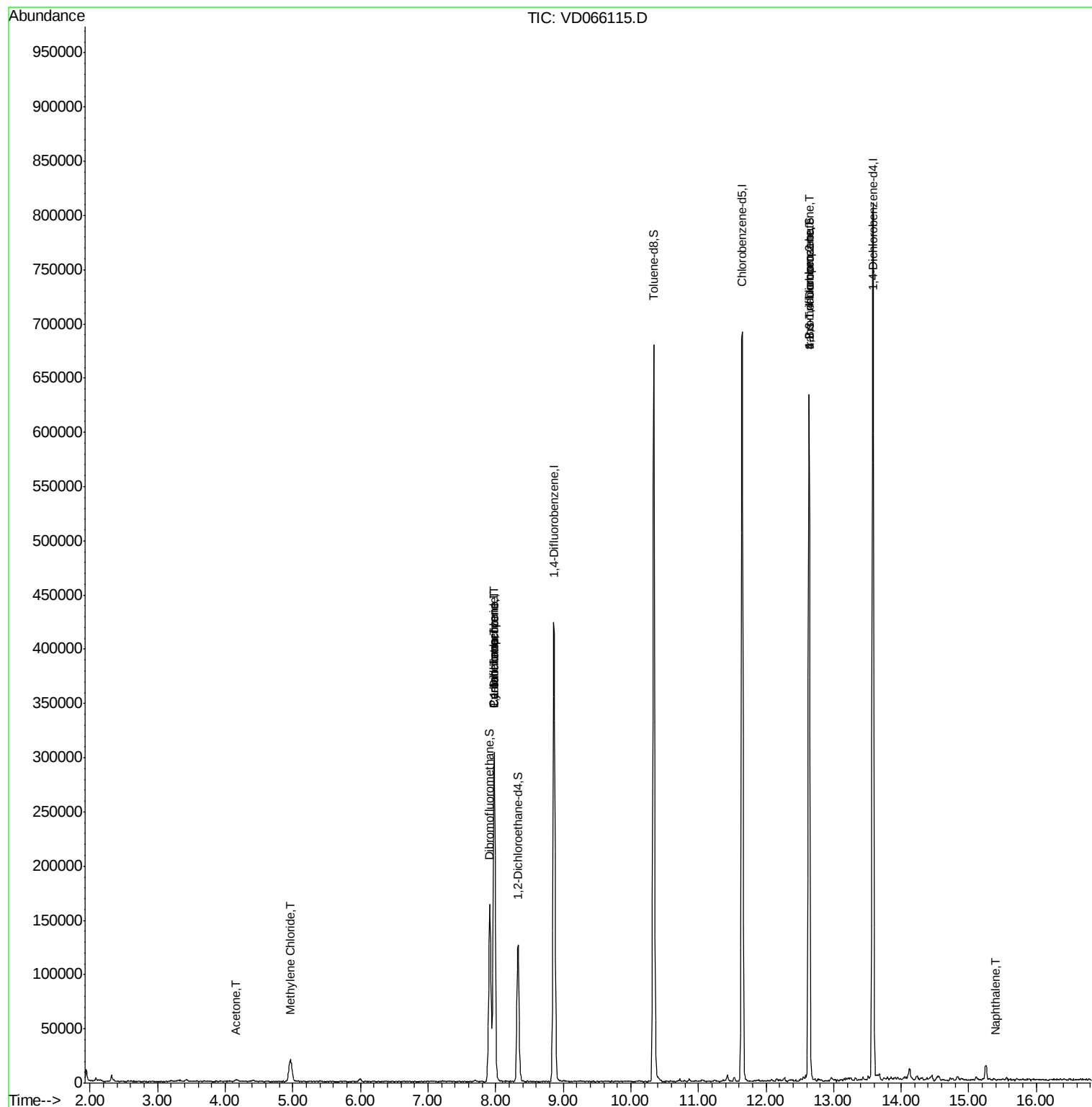
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	240851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	378682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	413870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	105687	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
35) Dibromofluoromethane	7.91	113	114381	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.34	98	463128	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
62) 4-Bromofluorobenzene	12.64	95	197280	66.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	3451	8.700	ug/l #	79
20) Methylene Chloride	4.97	84	17470	5.315	ug/l	84
31) Cyclohexane	7.98	56	4471	1.268	ug/l #	27
36) 1,1-Dichloropropene	7.97	75	16042	4.964	ug/l #	50
38) Carbon Tetrachloride	7.98	117	21361	6.091	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	100404	57.634	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	100404	132.251	ug/l #	11
95) Naphthalene	15.41	128	166	3.568	ug/l #	68

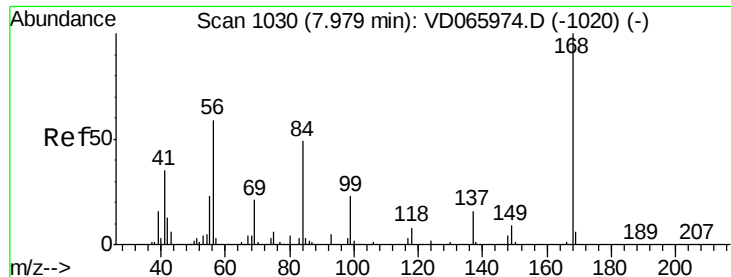
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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JTY1-SB-02-9-10

Quant Time: Jul 31 02:03:20 2020
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066115.D

Acq: 30 Jul 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

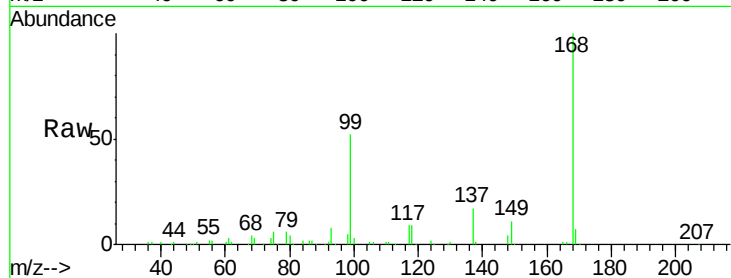
JTY1-SB-02-9-10

Tot Ion:168 Resp: 240851

Ion Ratio Lower Upper

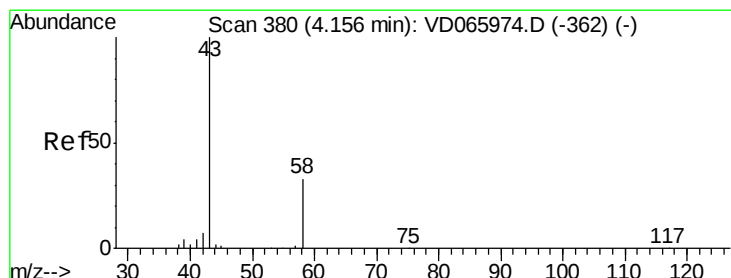
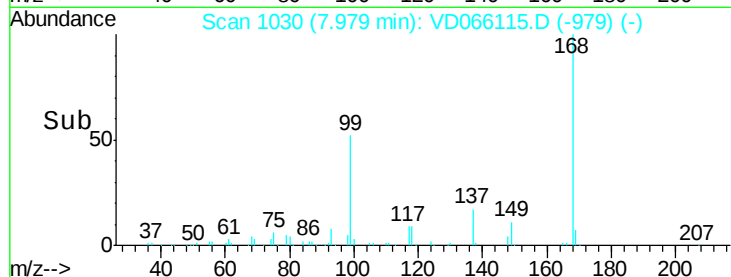
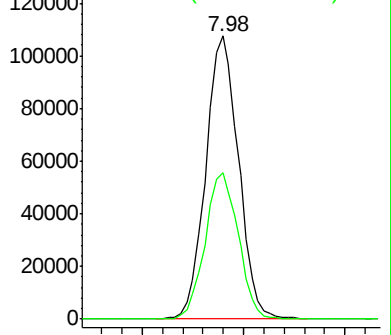
168 100

99 51.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 8.700 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066115.D

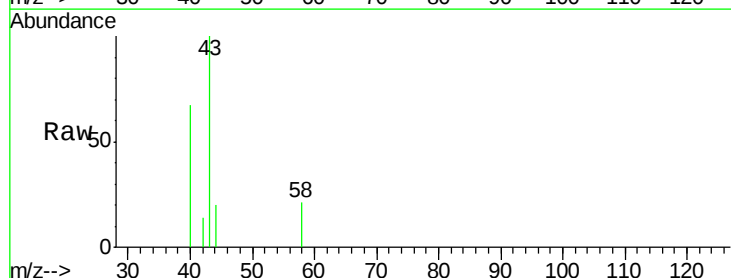
Acq: 30 Jul 2020 16:58

Tgt Ion: 43 Resp: 3451

Ion Ratio Lower Upper

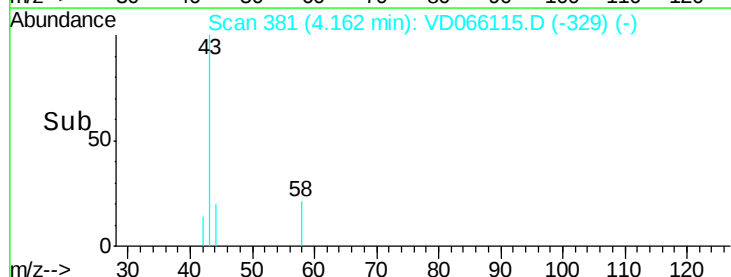
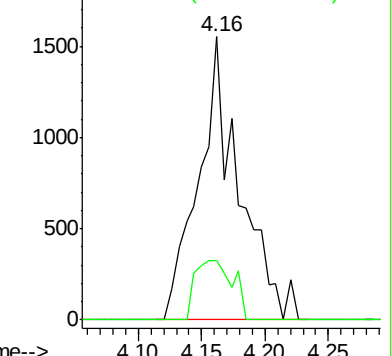
43 100

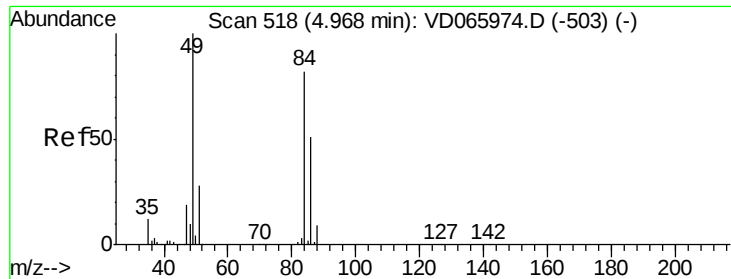
58 21.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

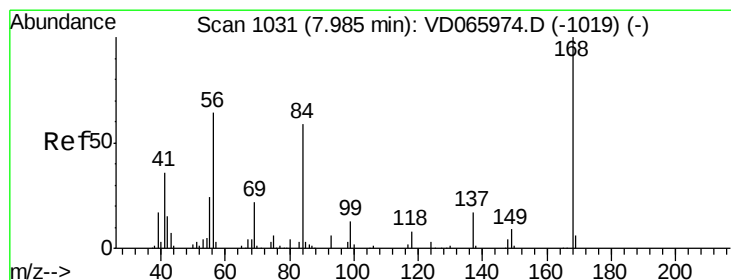
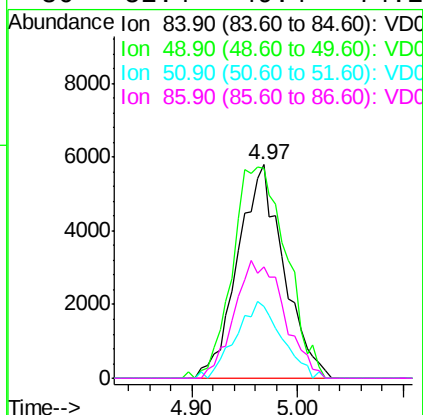
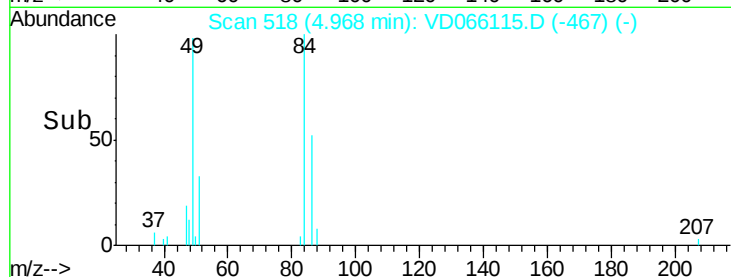
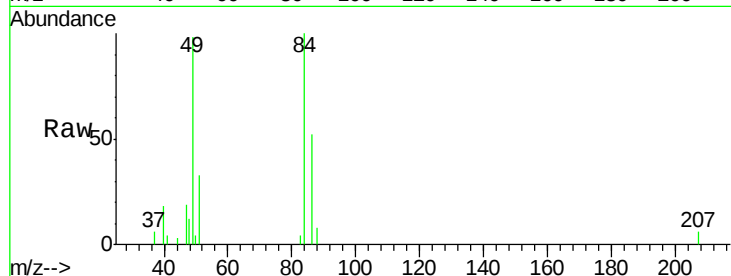




#20
Methvlene Chloride
Concen: 5.315 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066115.D
Acq: 30 Jul 2020 16:58

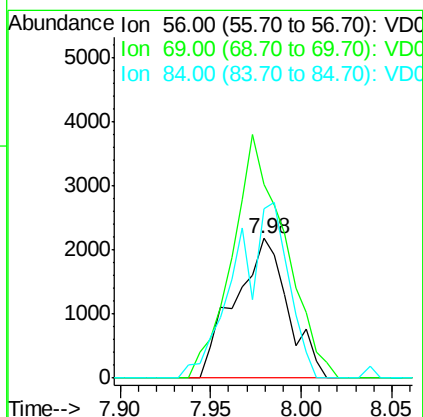
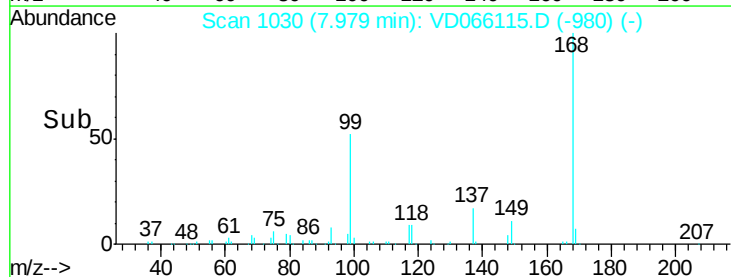
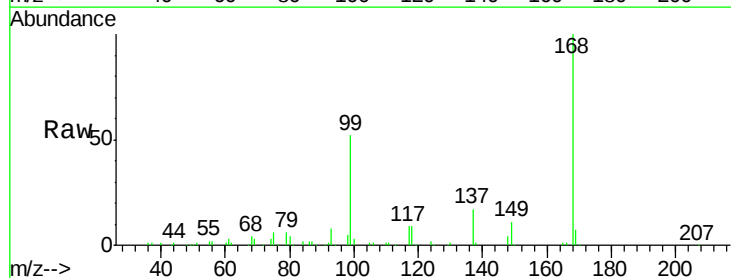
Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-02-9-10

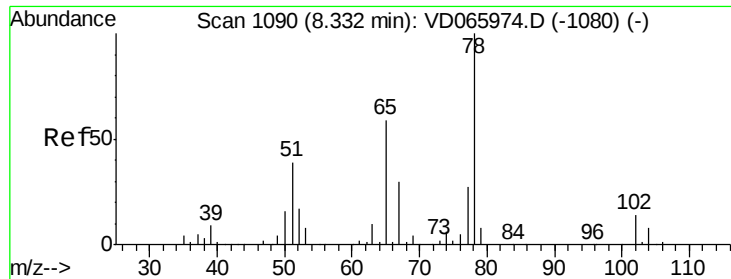
Tot Ion:	84	Resp:	17470
Ion	Ratio	Lower	Upper
84	100		
49	98.1	97.7	146.5
51	33.4	27.4	41.2
86	52.4	49.4	74.2



#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066115.D
Acq: 30 Jul 2020 16:58

Tgt Ion:	56	Resp:	4471
Ion	Ratio	Lower	Upper
56	100		
69	138.2	28.0	42.0#
84	121.4	72.6	109.0#

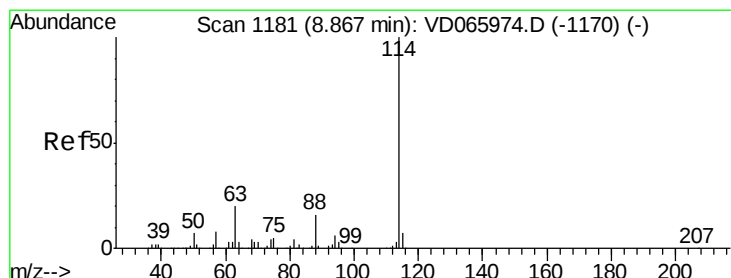
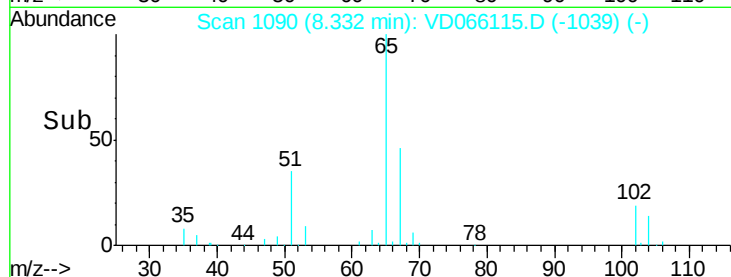
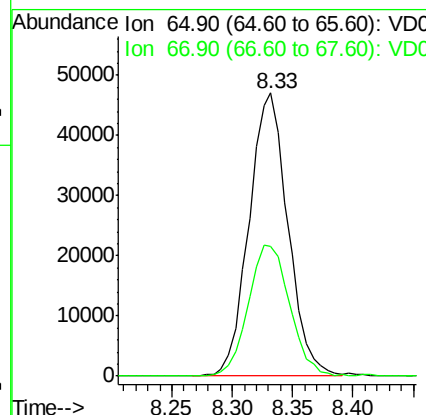
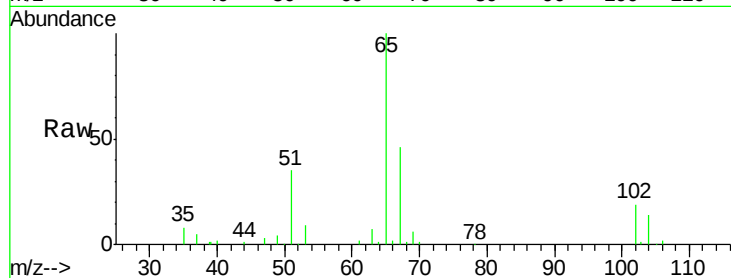




#33
 1,2-Dichloroethane-d4
 Concen: 53.928 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066115.D
 Acq: 30 Jul 2020 16:58

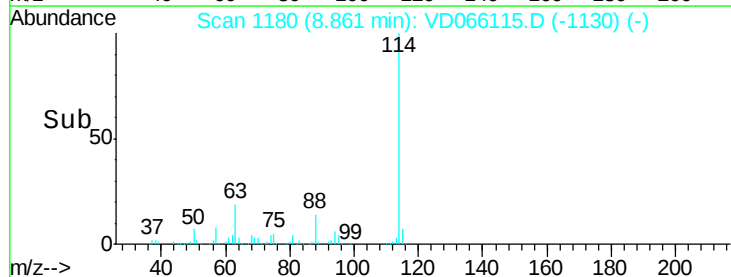
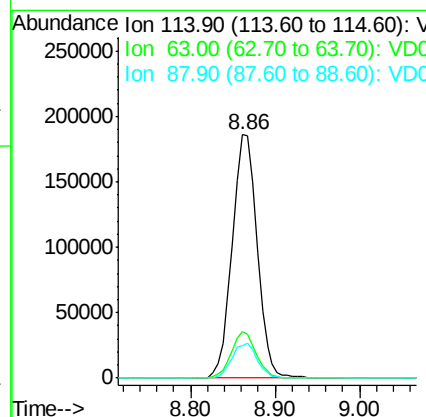
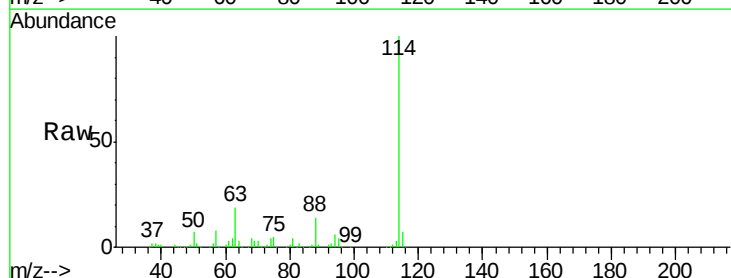
Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-02-9-10

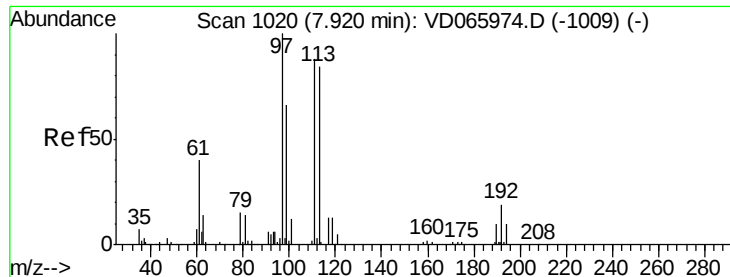
Tot Ion: 65 Resp: 105687
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066115.D
 Acq: 30 Jul 2020 16:58

Tgt Ion: 114 Resp: 378682
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 13.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.800 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066115.D

Acq: 30 Jul 2020 16:58

Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-02-9-10

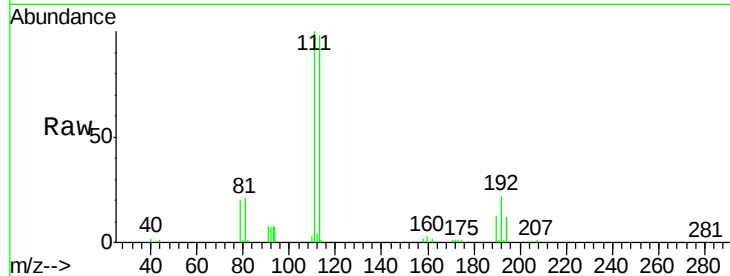
Tot Ion:113 Resp: 114381

Ion Ratio Lower Upper

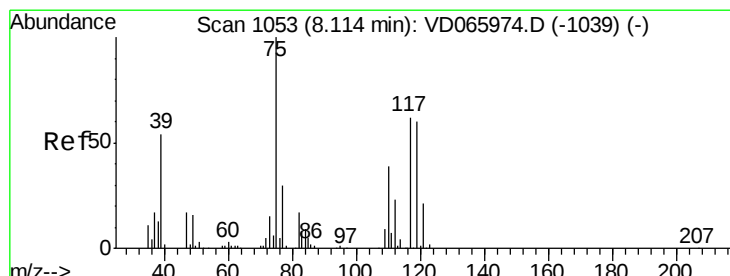
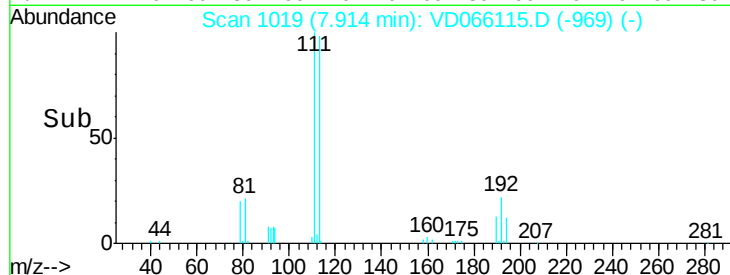
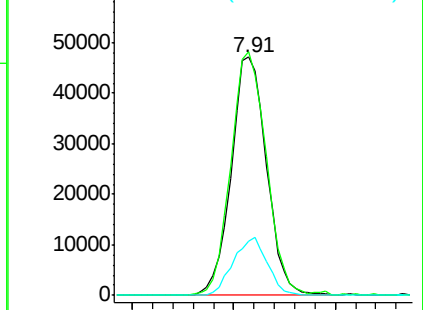
113 100

111 102.5 83.2 124.8

192 23.5 18.7 28.1



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: 4.964 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066115.D

Acq: 30 Jul 2020 16:58

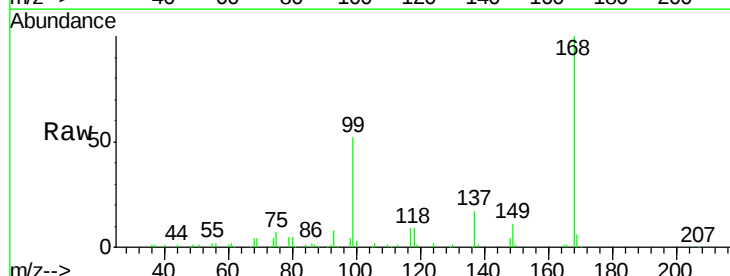
Tgt Ion: 75 Resp: 16042

Ion Ratio Lower Upper

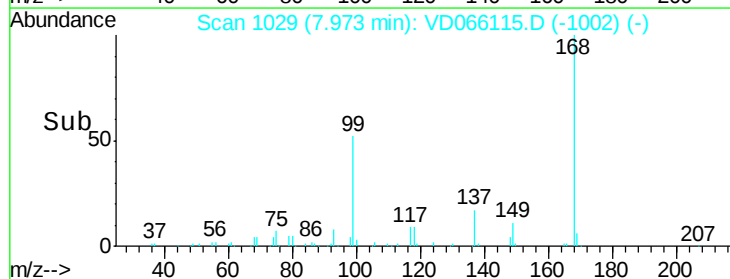
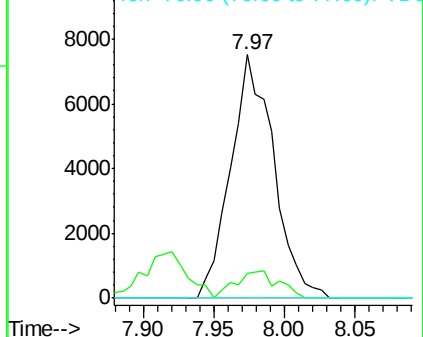
75 100

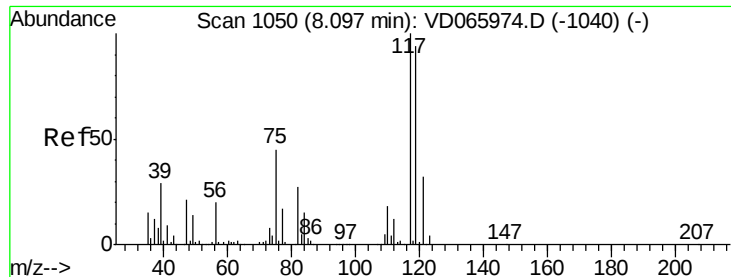
110 11.0 19.5 58.5#

77 0.0 24.7 37.1#



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





#38

Carbon Tetrachloride

Concen: 6.091 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD066115.D

Acq: 30 Jul 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-02-9-10

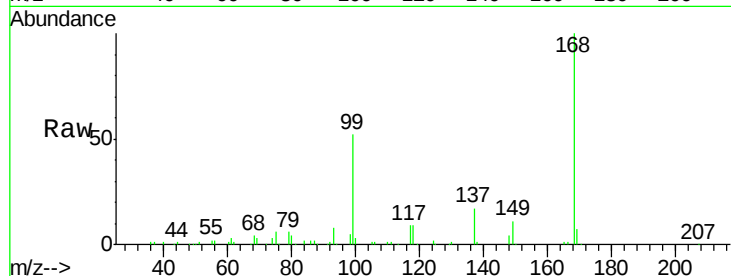
Tot Ion:117 Resp: 21361

Ion Ratio Lower Upper

117 100

119 5.1 75.0 112.6#

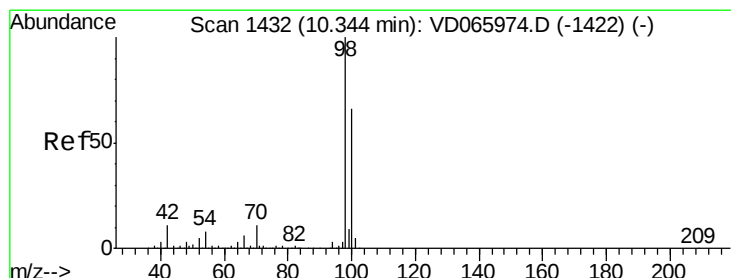
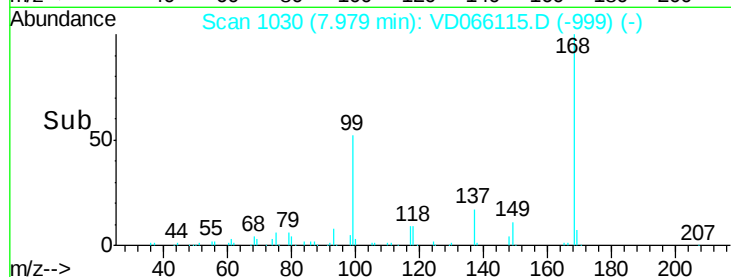
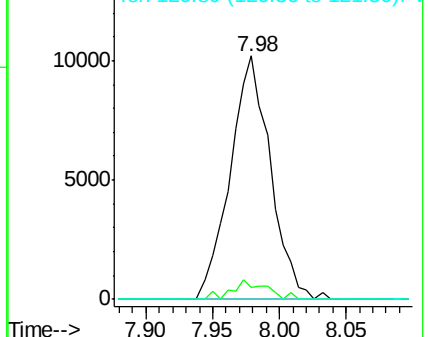
121 0.0 25.5 38.3#



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: 54.127 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD066115.D

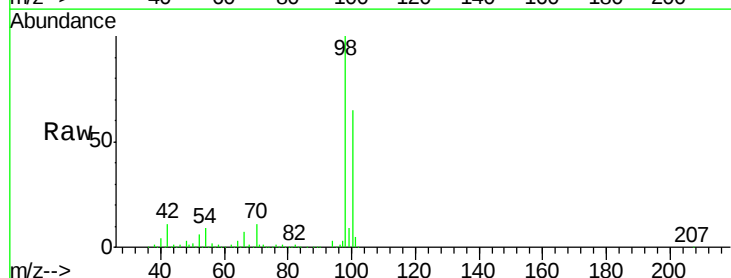
Acq: 30 Jul 2020 16:58

Tgt Ion: 98 Resp: 463128

Ion Ratio Lower Upper

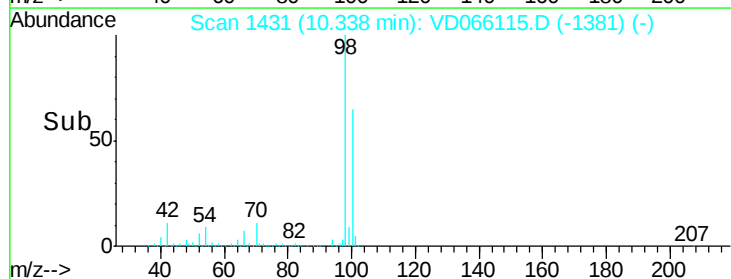
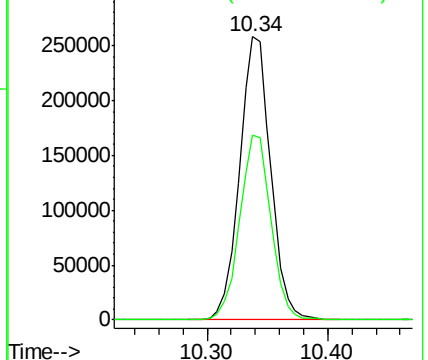
98 100

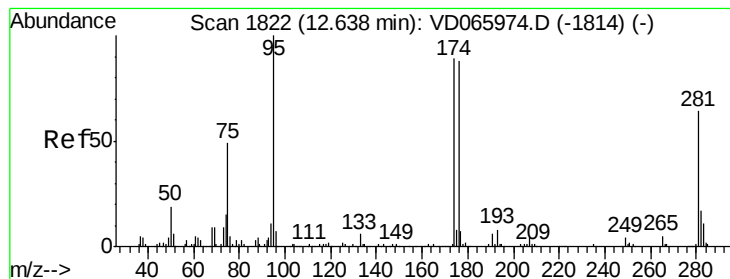
100 66.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 66.496 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066115.D

Acq: 30 Jul 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-02-9-10

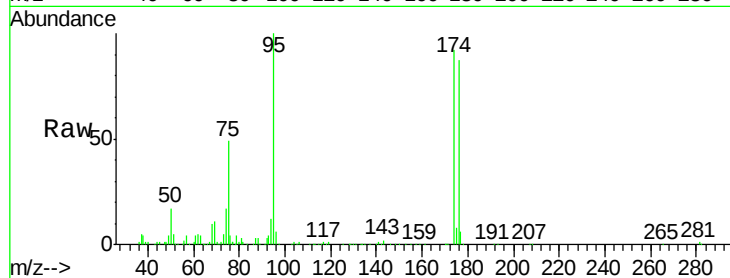
Tot Ion: 95 Resp: 197280

Ion Ratio Lower Upper

95 100

174 93.3 0.0 178.8

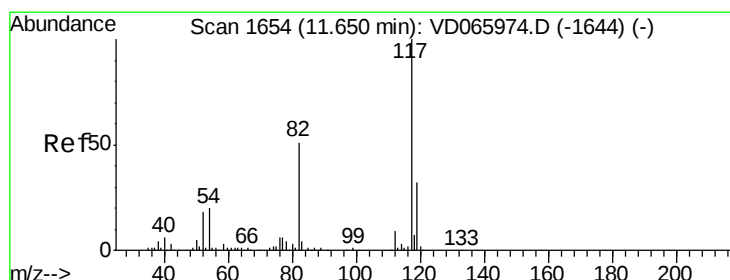
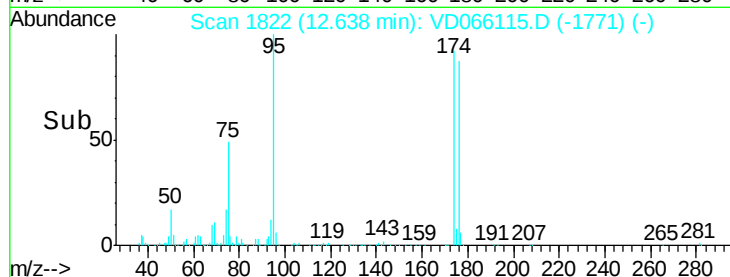
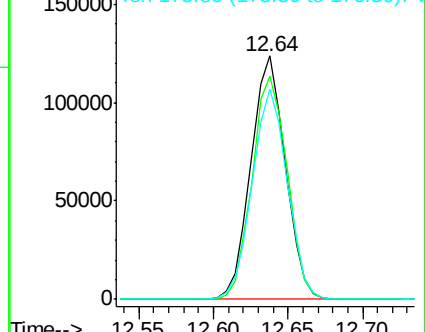
176 88.1 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): VD066115.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066115.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066115.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD066115.D

Acq: 30 Jul 2020 16:58

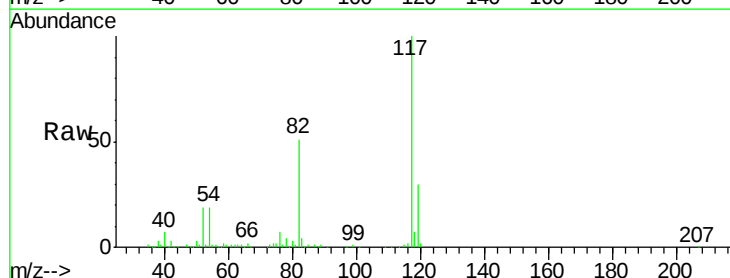
Tgt Ion: 117 Resp: 413870

Ion Ratio Lower Upper

117 100

82 51.3 41.1 61.7

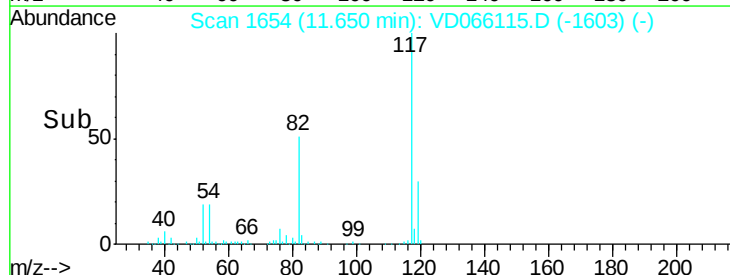
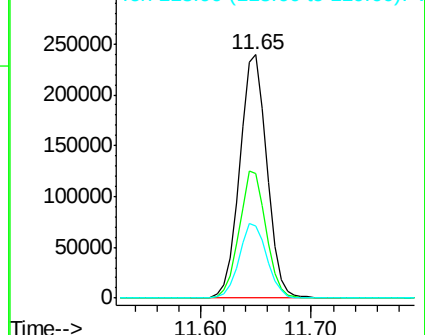
119 29.8 25.9 38.9

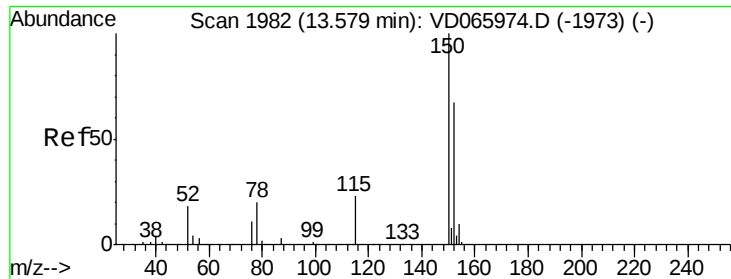


Abundance Ion 116.90 (116.60 to 117.60): VD066115.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD066115.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD066115.D (-1603) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD066115.D

Acq: 30 Jul 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-02-9-10

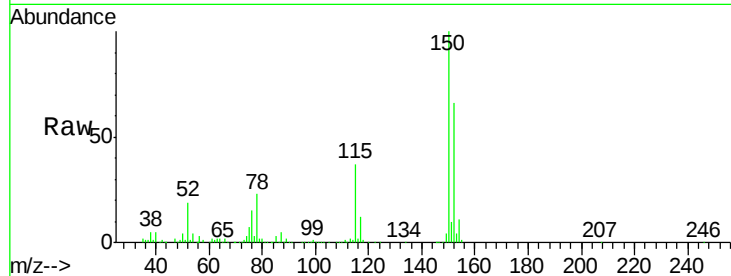
Tot Ion:152 Resp: 231369

Ion Ratio Lower Upper

152 100

115 55.8 27.9 83.7

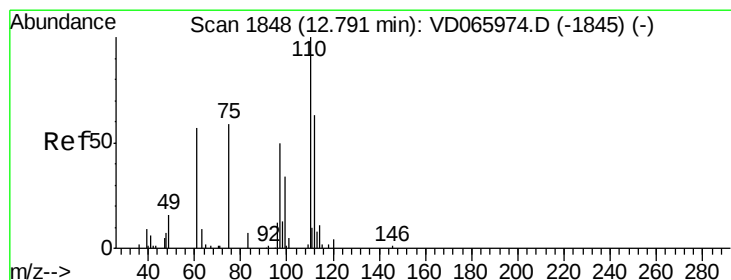
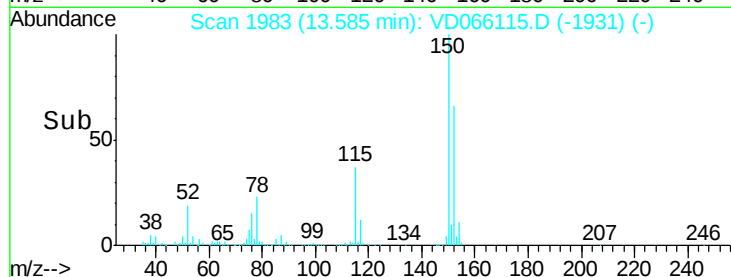
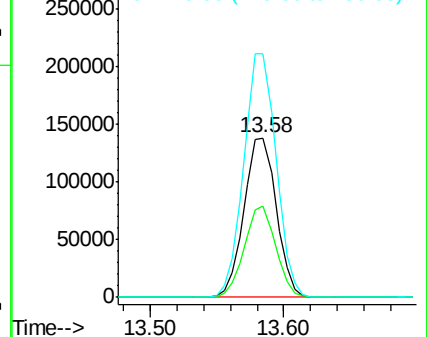
150 153.3 0.0 348.2



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: 57.634 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066115.D

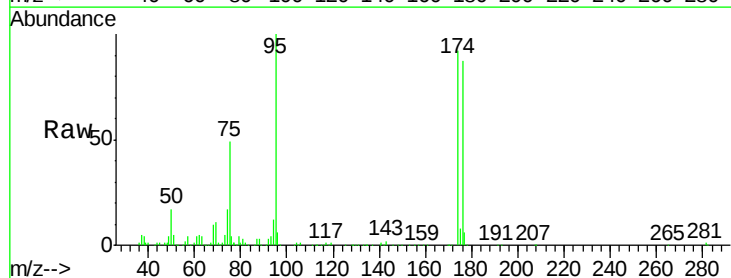
Acq: 30 Jul 2020 16:58

Tgt Ion: 75 Resp: 100404

Ion Ratio Lower Upper

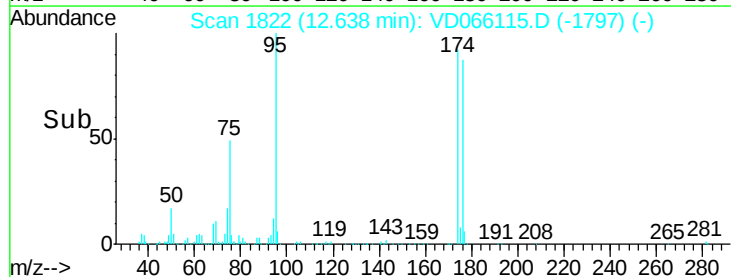
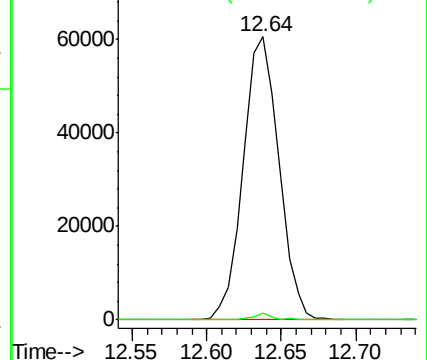
75 100

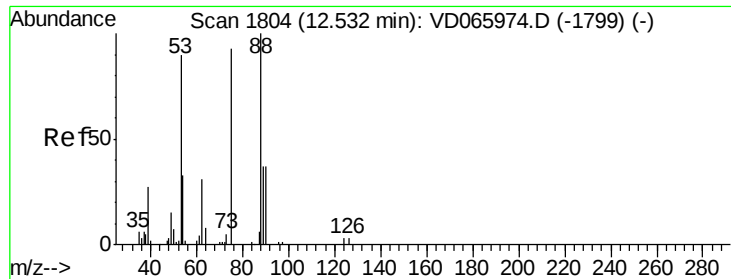
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 132.251 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066115.D

Acq: 30 Jul 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-02-9-10

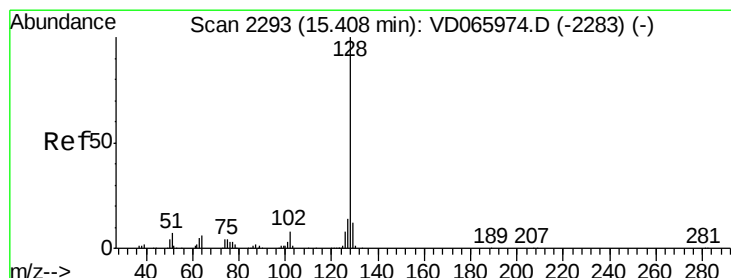
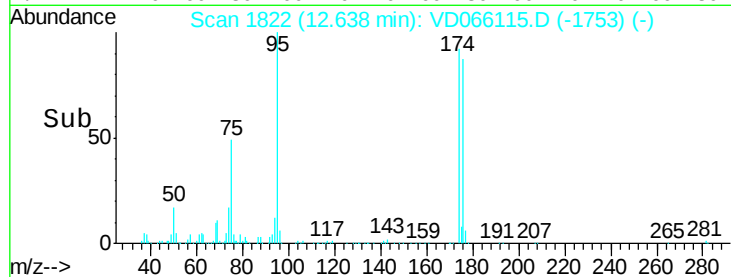
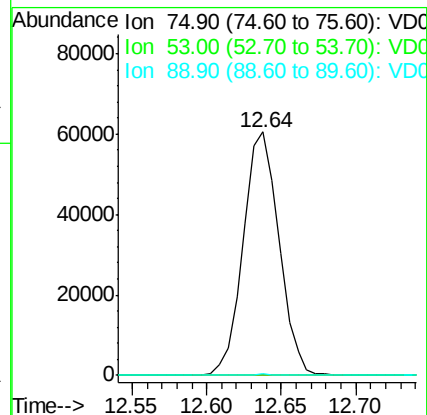
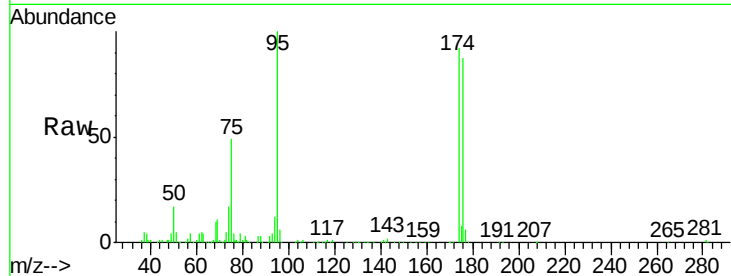
Tot Ion: 75 Resp: 100404

Ion Ratio Lower Upper

75 100

53 0.1 76.8 115.2#

89 0.1 37.0 55.4#



#95

Naphthalene

Concen: 3.568 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066115.D

Acq: 30 Jul 2020 16:58

Tgt Ion: 128 Resp: 166

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.9 13.3#

