

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
 Data File : VD064664.D
 Acq On : 28 Dec 2019 02:17
 Operator : VA/SY
 Sample : K6441-05
 Misc : 7.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-05

Quant Time: Dec 30 01:04:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

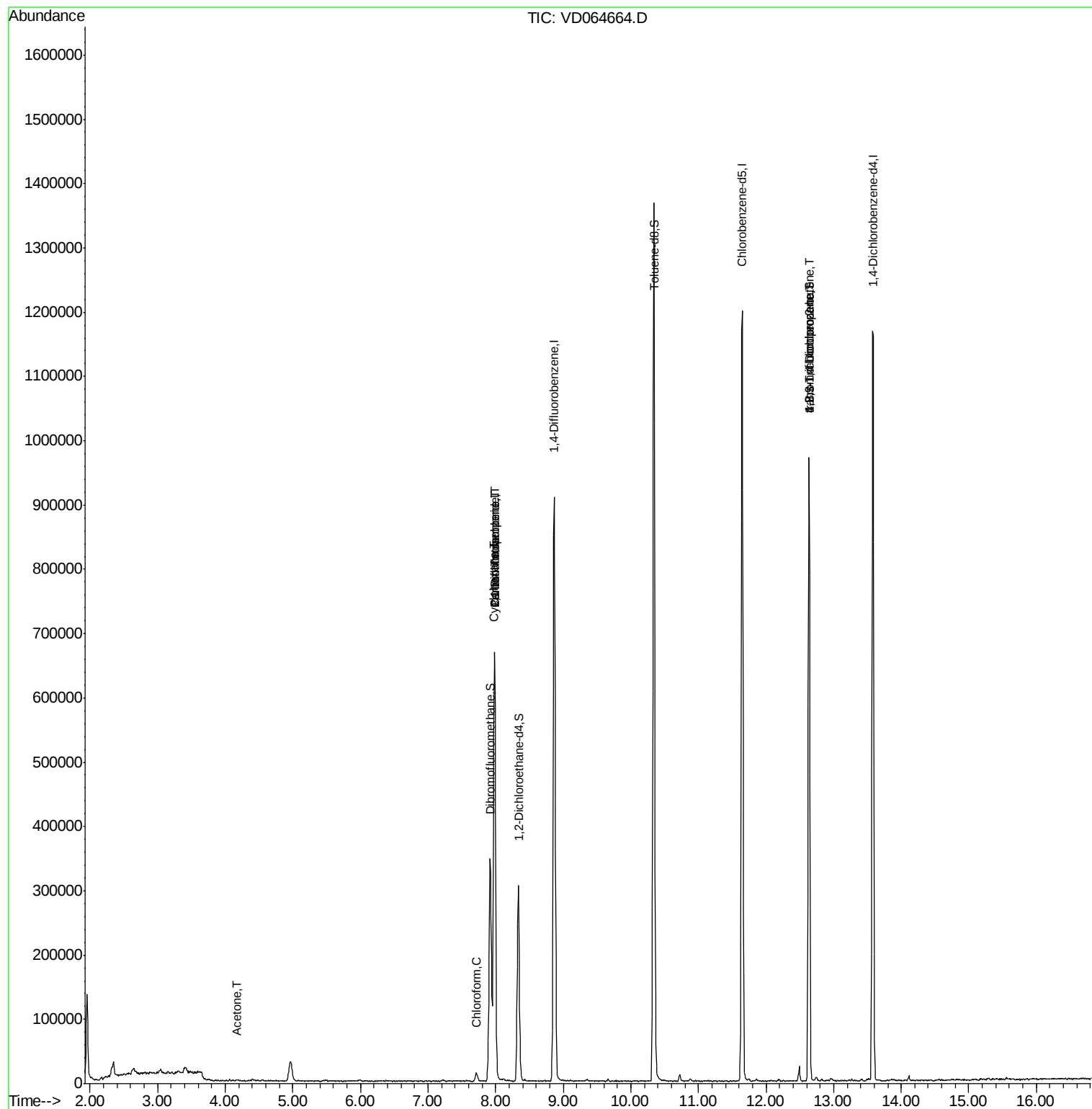
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	520478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	686043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	237433	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	7.92	113	239672	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
50) Toluene-d8	10.34	98	940320	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.64	95	285498	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	926	5.036	ug/l #	81
30) Chloroform	7.71	83	11906	1.327	ug/l	90
31) Cyclohexane	7.97	56	11497	1.344	ug/l #	36
36) 1,1-Dichloropropene	7.99	75	37901	5.011	ug/l #	49
38) Carbon Tetrachloride	7.99	117	50147	6.218	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	153497	61.288	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	153497	128.181	ug/l #	10

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064664.D

Acq: 28 Dec 2019 02:17

Instrument :

MSVOA_D

ClientSampleId :

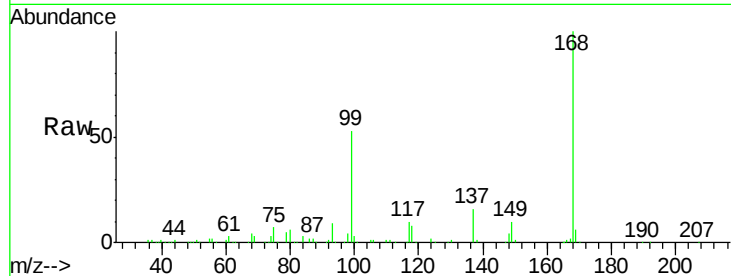
K321-SB-05

Tgt Ion:168 Resp: 520478

Ion Ratio Lower Upper

168 100

99 53.4 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

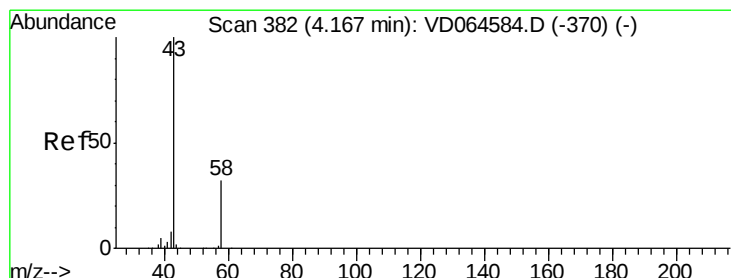
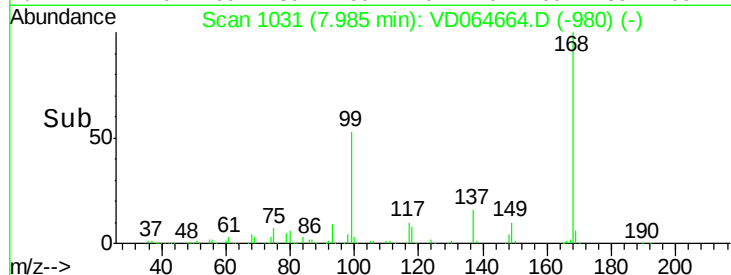
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.036 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064664.D

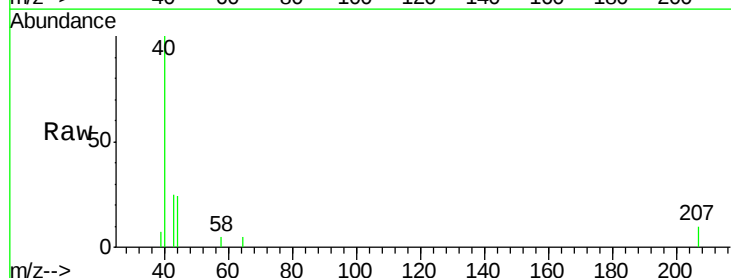
Acq: 28 Dec 2019 02:17

Tgt Ion: 43 Resp: 926

Ion Ratio Lower Upper

43 100

58 21.3 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

1000

800

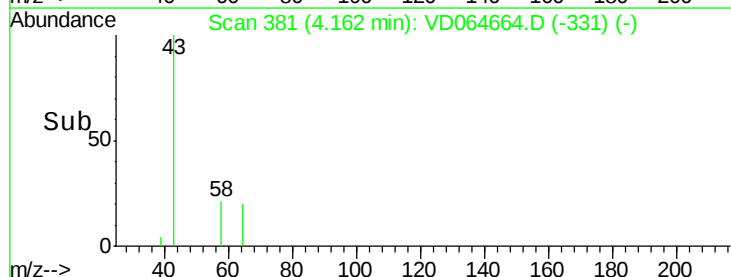
600

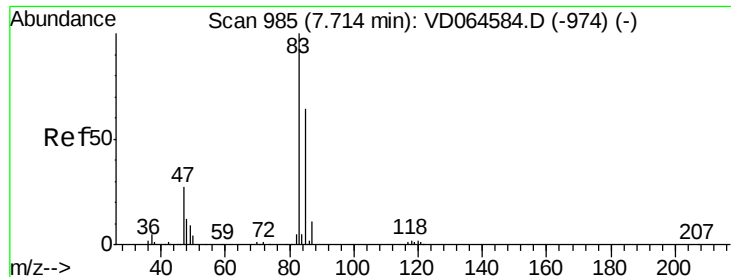
400

200

0

Time-->

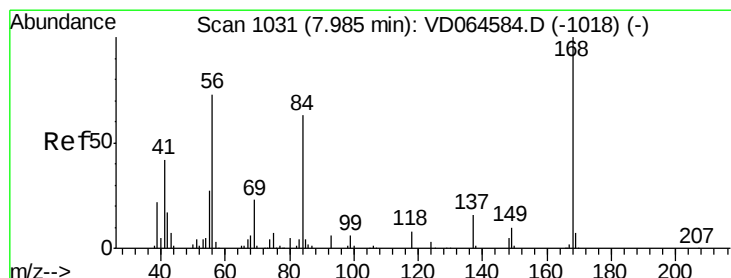
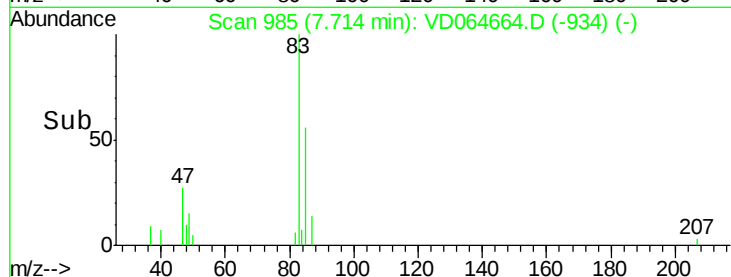
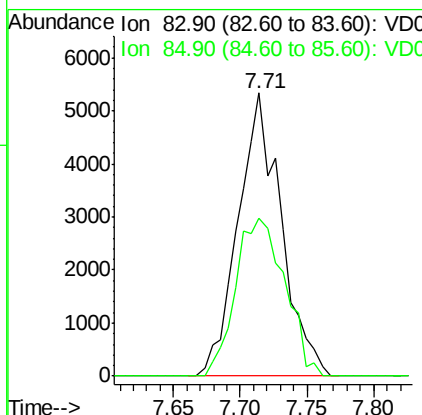
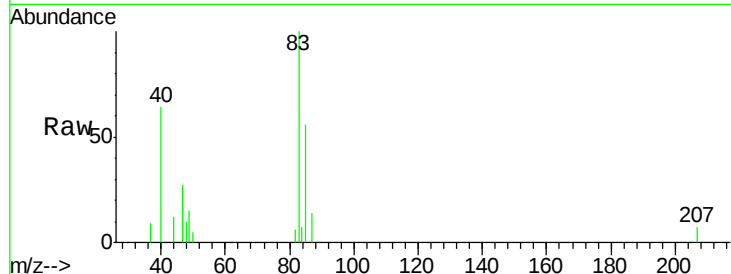




#30
Chloroform
Concen: 1.327 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064664.D
Acq: 28 Dec 2019 02:17

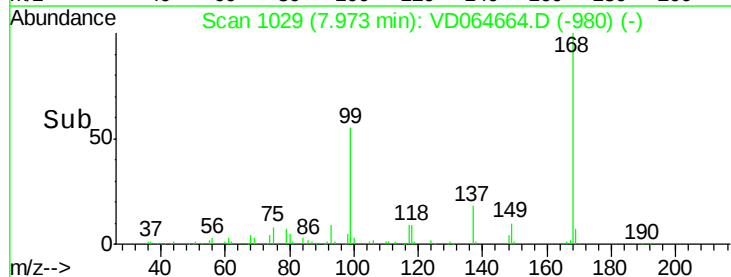
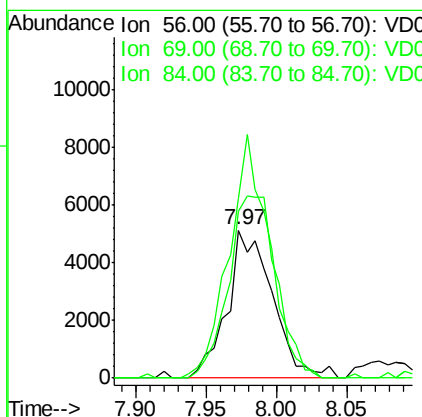
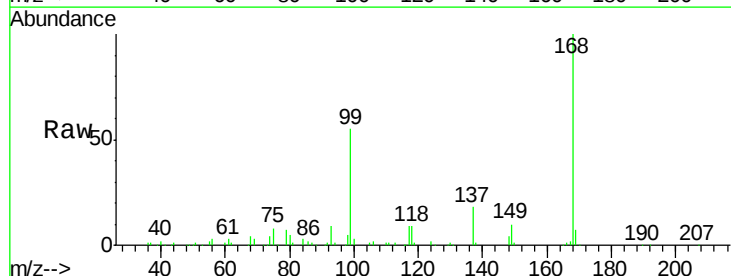
Instrument :
MSVOA_D
ClientSampleId :
K321-SB-05

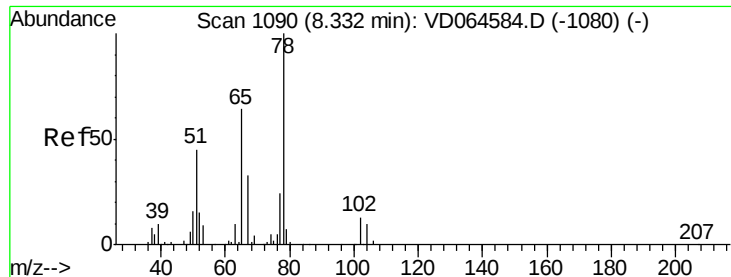
Tgt Ion: 83 Resp: 11906
Ion Ratio Lower Upper
83 100
85 55.9 51.1 76.7



#31
Cyclohexane
Concen: 1.344 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064664.D
Acq: 28 Dec 2019 02:17

Tgt Ion: 56 Resp: 11497
Ion Ratio Lower Upper
56 100
69 121.4 24.7 37.1#
84 112.3 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 51.734 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064664.D

Acq: 28 Dec 2019 02:17

Instrument :

MSVOA_D

ClientSampleId :

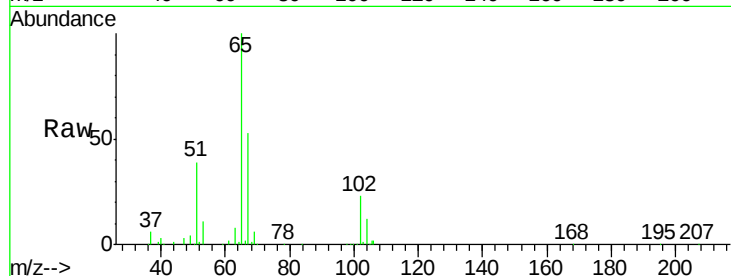
K321-SB-05

Tgt Ion: 65 Resp: 237433

Ion Ratio Lower Upper

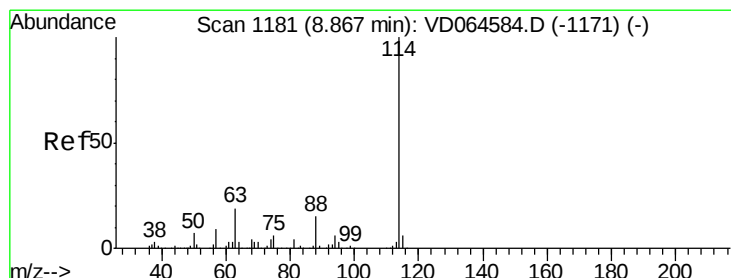
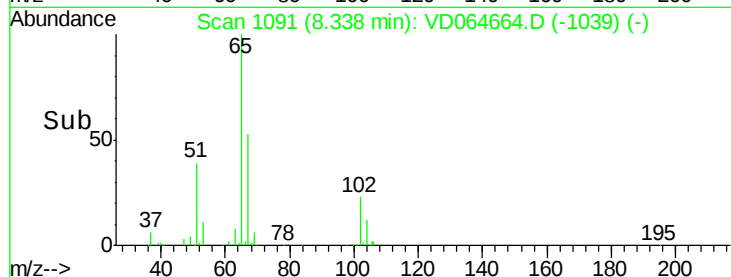
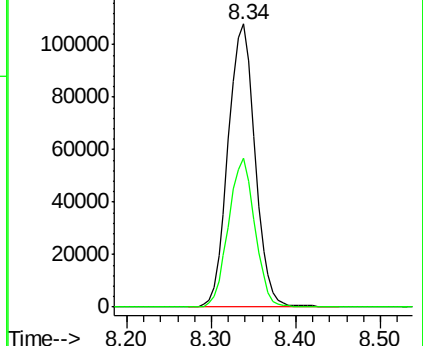
65 100

67 51.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064664.D

Acq: 28 Dec 2019 02:17

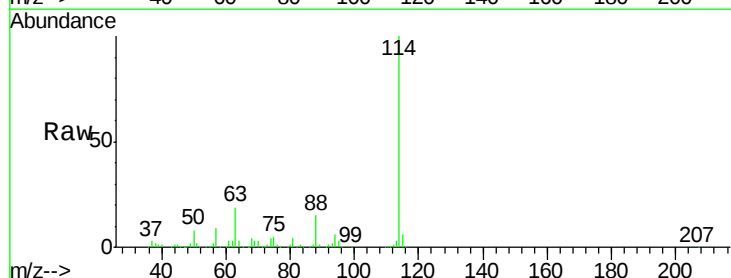
Tgt Ion: 114 Resp: 785758

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

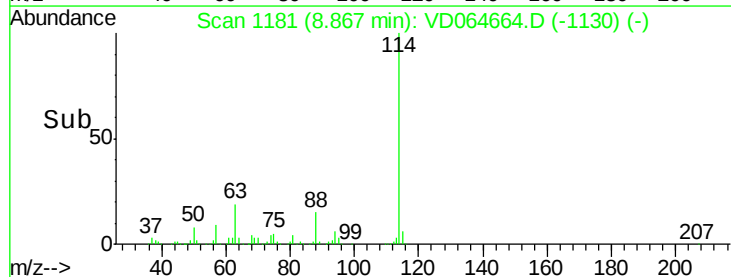
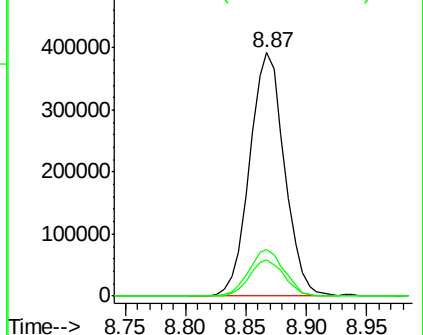
88 14.9 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

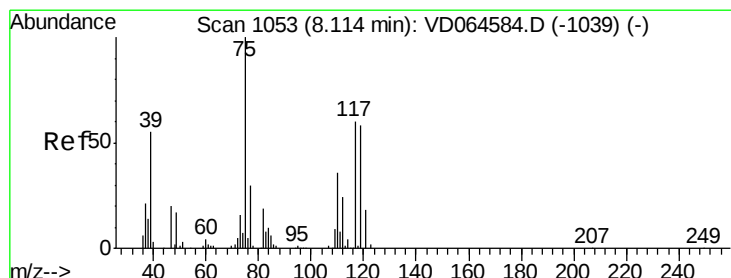
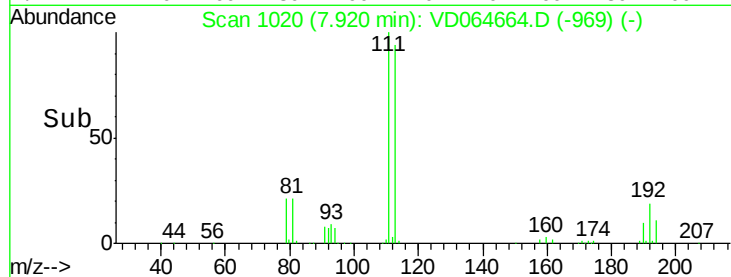
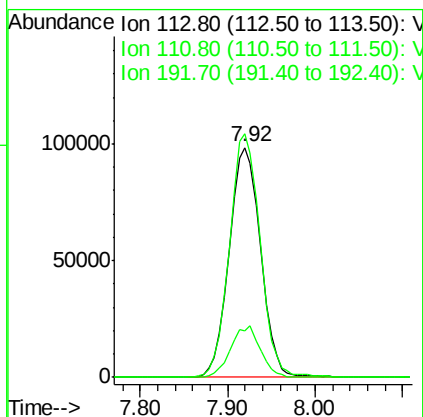
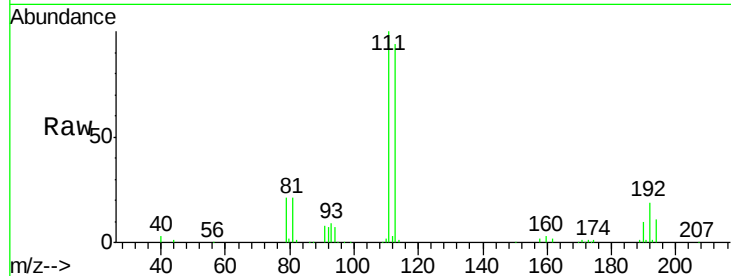




#35
 Dibromofluoromethane
 Concen: 49.717 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064664.D
 Acq: 28 Dec 2019 02:17

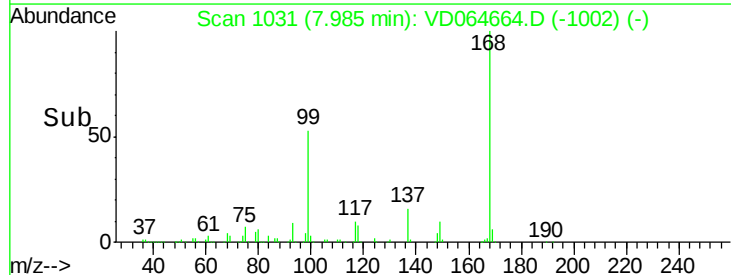
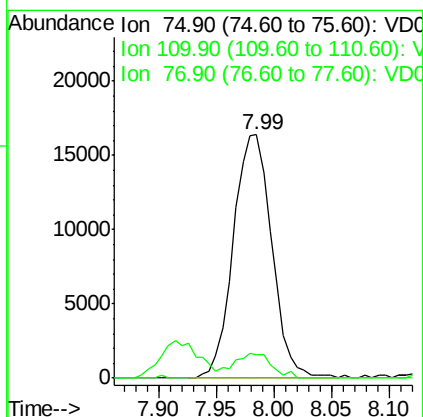
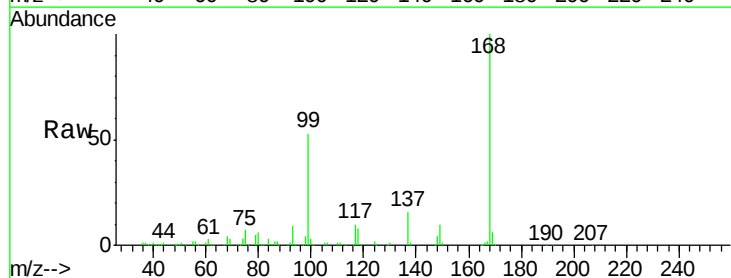
Instrument :
 MSVOA_D
 ClientSampleId :
 K321-SB-05

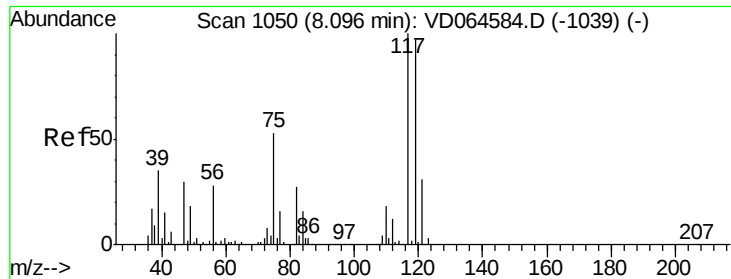
Tgt Ion: 113 Resp: 239672
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.6 121.0
 192 21.2 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 5.011 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064664.D
 Acq: 28 Dec 2019 02:17

Tgt Ion: 75 Resp: 37901
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.1#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 6.218 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064664.D

Acq: 28 Dec 2019 02:17

Instrument :

MSVOA_D

ClientSampleId :

K321-SB-05

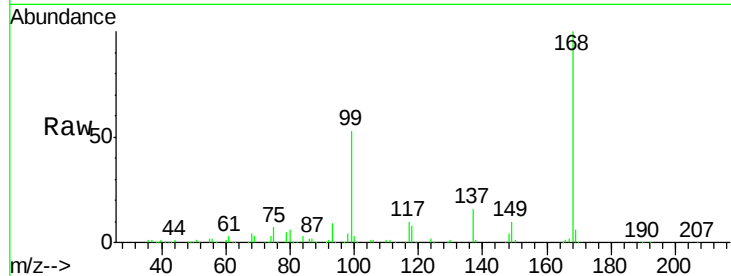
Tgt Ion:117 Resp: 50147

Ion Ratio Lower Upper

117 100

119 3.4 77.3 115.9#

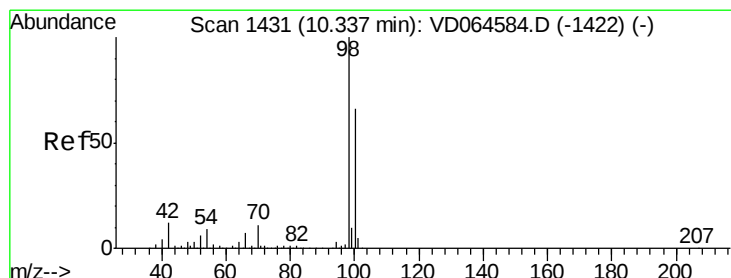
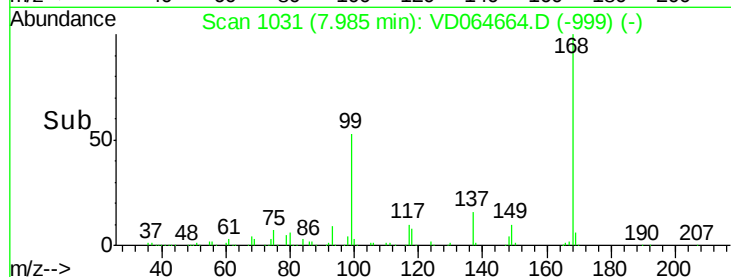
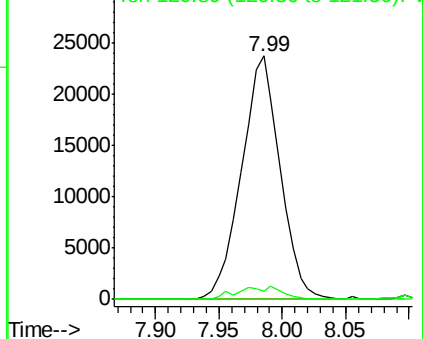
121 0.0 25.0 37.6#



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: 50.930 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD064664.D

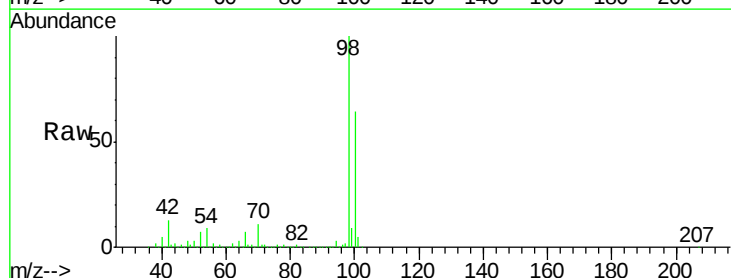
Acq: 28 Dec 2019 02:17

Tgt Ion: 98 Resp: 940320

Ion Ratio Lower Upper

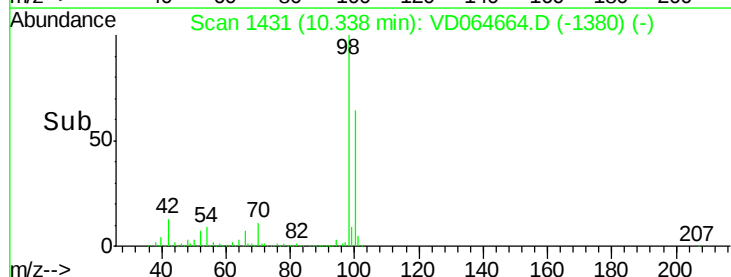
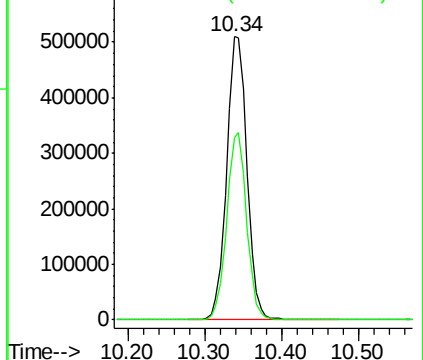
98 100

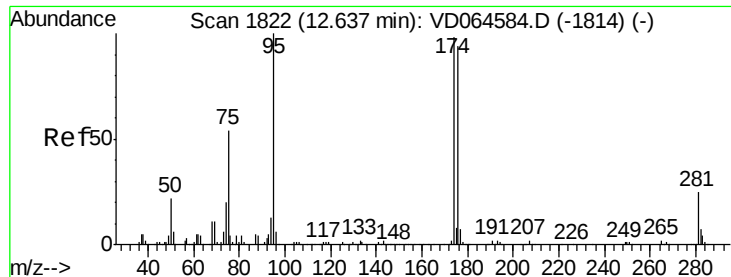
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

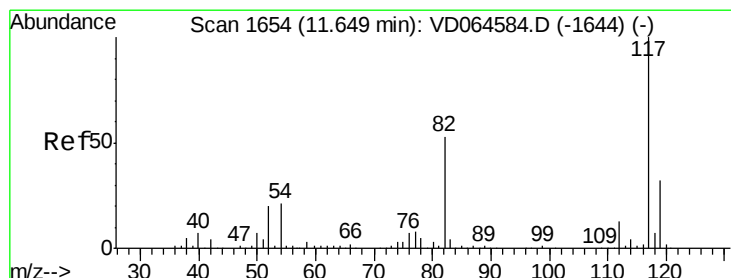
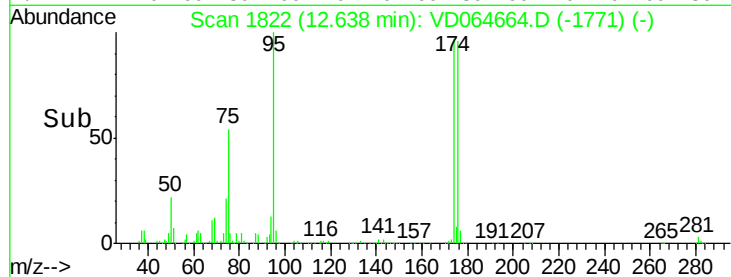
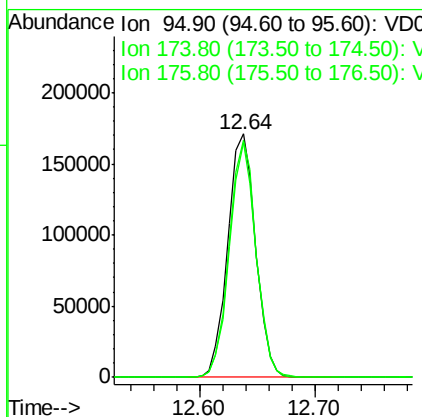
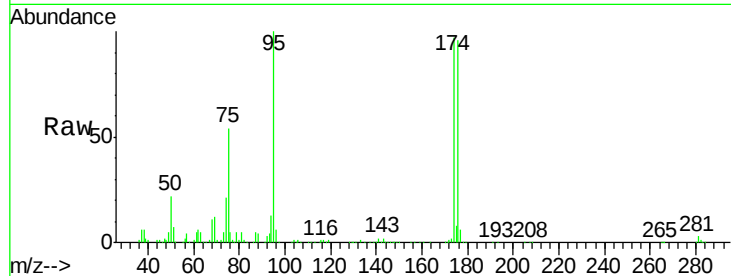




#62
4-Bromofluorobenzene
Concen: 48.902 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064664.D
Acq: 28 Dec 2019 02:17

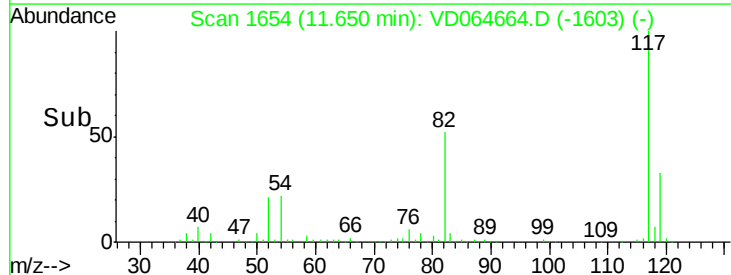
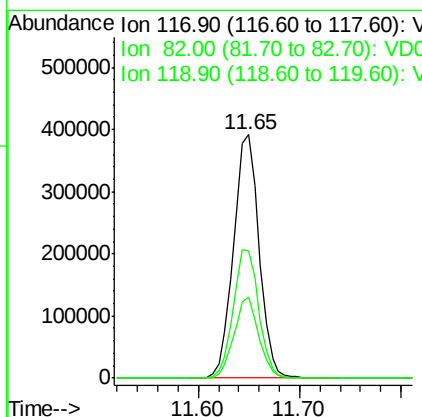
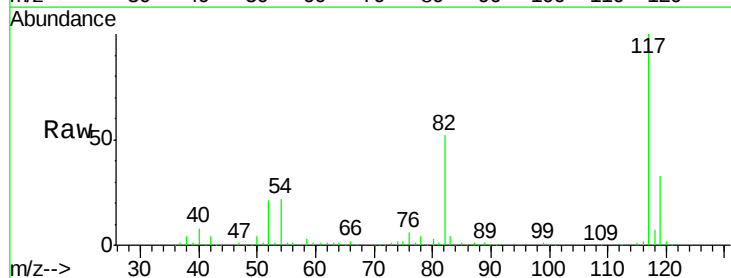
Instrument :
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K321-SB-05

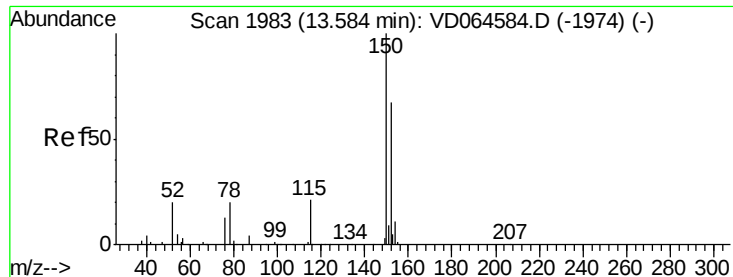
Tgt Ion: 95 Resp: 285498
Ion Ratio Lower Upper
95 100
174 94.8 0.0 193.2
176 91.2 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064664.D
Acq: 28 Dec 2019 02:17

Tgt Ion: 117 Resp: 686043
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.4
119 33.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064664.D

Acq: 28 Dec 2019 02:17

Instrument :

MSVOA_D

ClientSampleId :

K321-SB-05

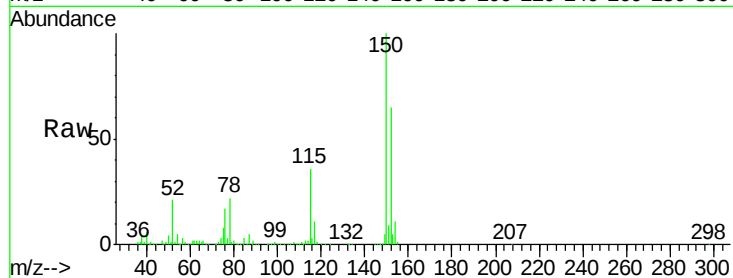
Tgt Ion:152 Resp: 317166

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

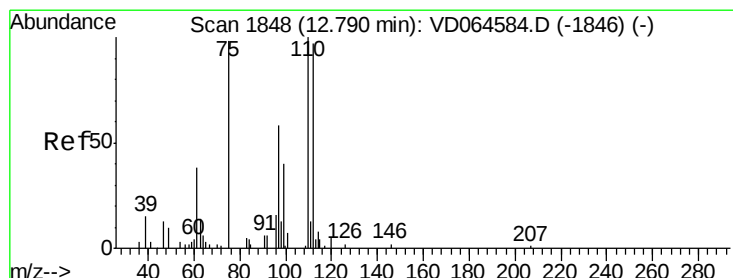
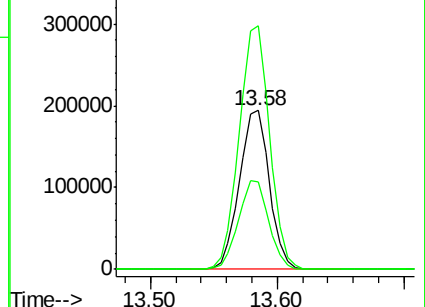
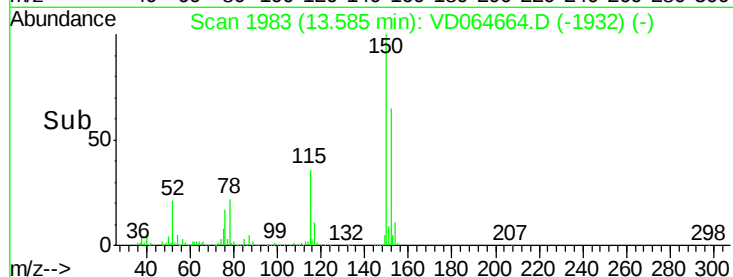
150 155.8 0.0 351.4



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: 61.288 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064664.D

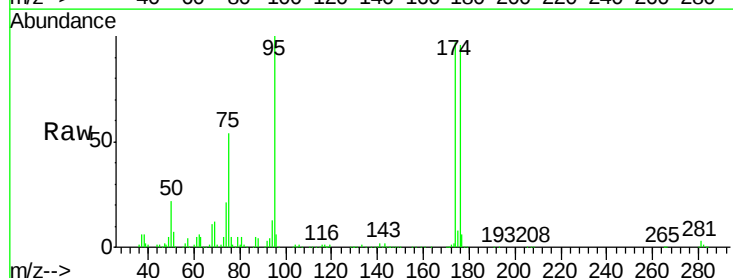
Acq: 28 Dec 2019 02:17

Tgt Ion: 75 Resp: 153497

Ion Ratio Lower Upper

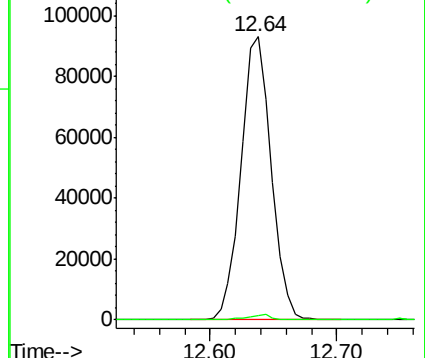
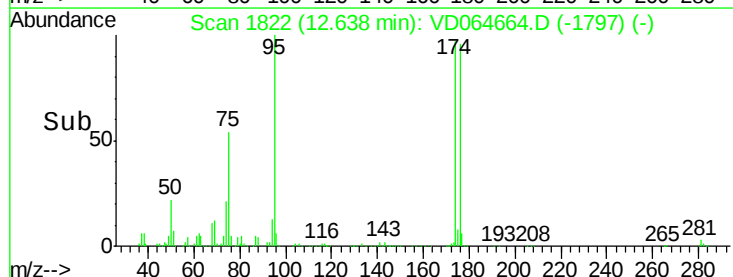
75 100

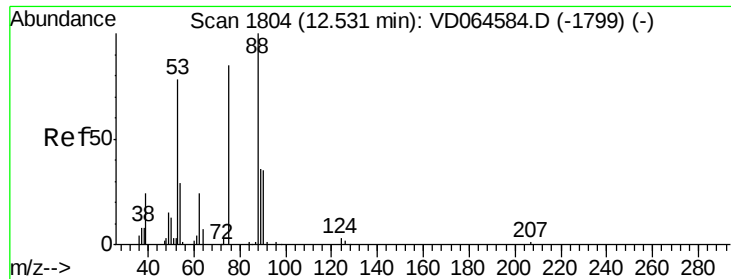
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 128.181 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064664.D

Acq: 28 Dec 2019 02:17

Instrument :

MSVOA_D

ClientSampleId :

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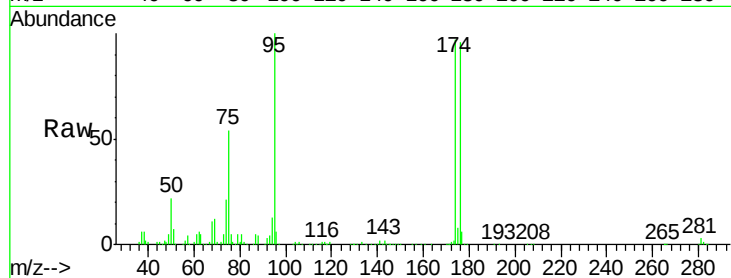
Tgt Ion: 75 Resp: 153497

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.0 38.3 57.5#



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

