

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
 Data File : VD064665.D
 Acq On : 28 Dec 2019 02:45
 Operator : VA/SY
 Sample : K6442-01
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB1

Quant Time: Dec 30 01:04:27 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

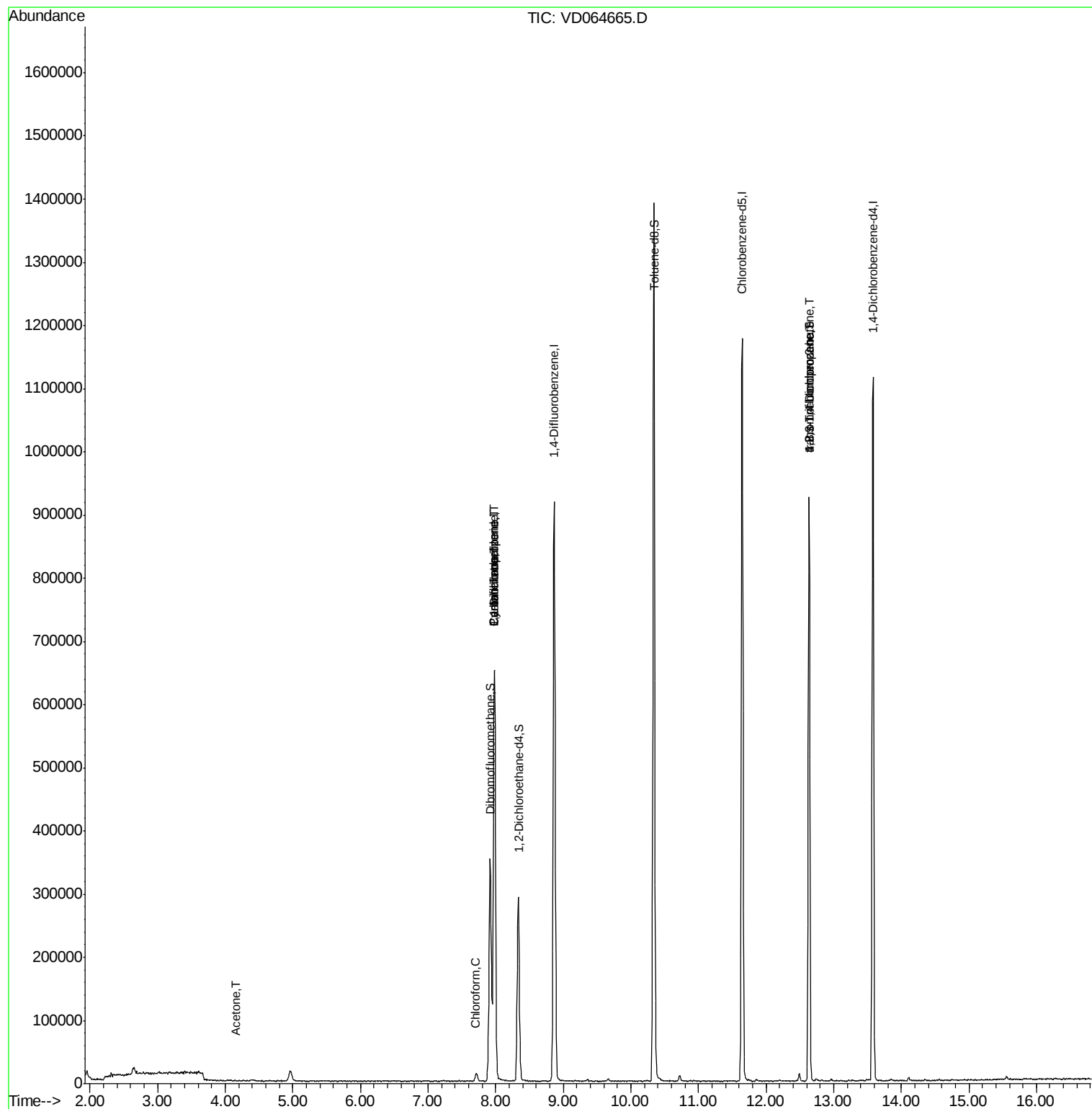
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	519514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	776158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	675220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	233184	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
35) Dibromofluoromethane	7.92	113	238682	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.34	98	927300	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.64	95	274281	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	160	4.340	ug/l #	42
20) Methylene Chloride	4.96	84	12050	Below Cal		90
30) Chloroform	7.71	83	12358	1.380	ug/l	98
31) Cyclohexane	7.98	56	11166	1.307	ug/l #	42
36) 1,1-Dichloropropene	7.98	75	38793	5.193	ug/l #	50
38) Carbon Tetrachloride	7.98	117	48071	6.035	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	145647	60.400	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	145647	126.325	ug/l #	10

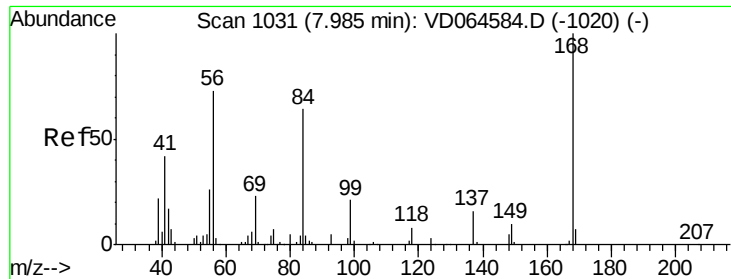
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
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: VD064665.D

Acq: 28 Dec 2019 02:45

Instrument :

MSVOA_D

ClientSampleId :

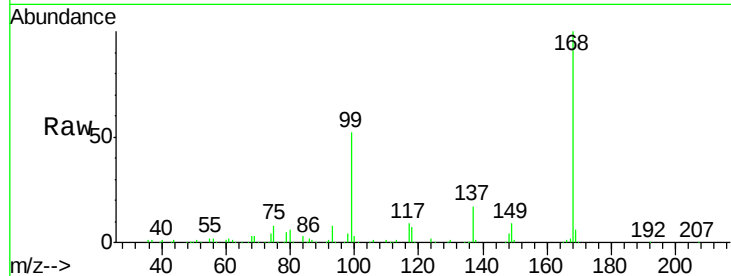
K615-SB1

Tgt Ion:168 Resp: 519514

Ion Ratio Lower Upper

168 100

99 51.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

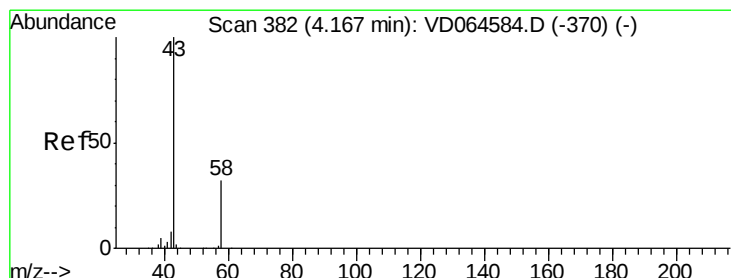
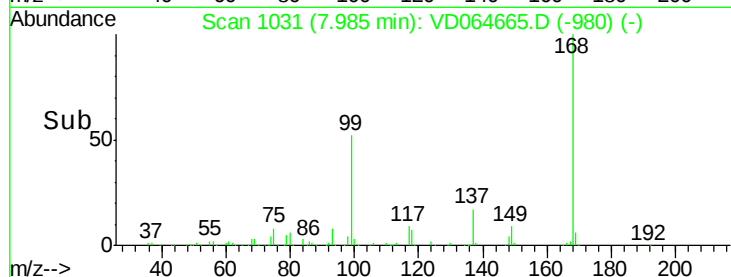
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.340 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064665.D

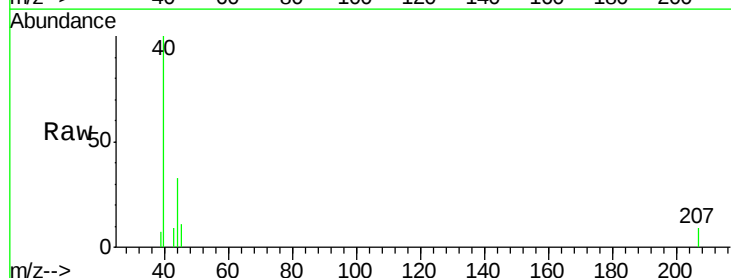
Acq: 28 Dec 2019 02:45

Tgt Ion: 43 Resp: 160

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

400

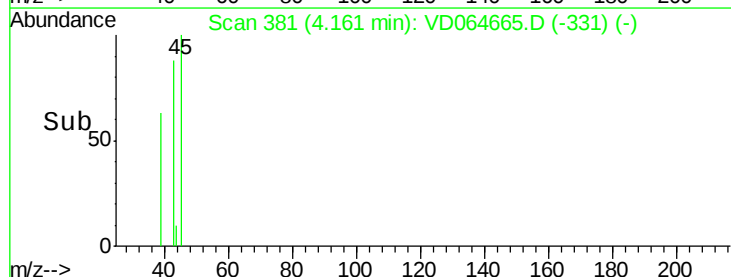
300

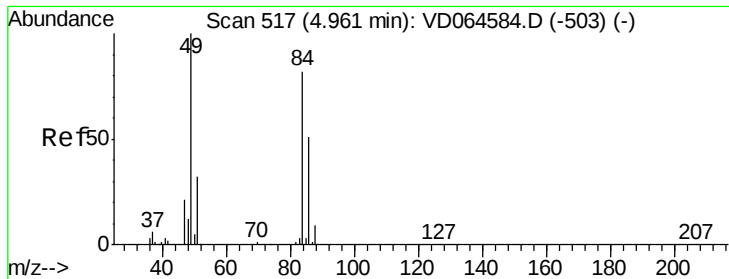
200

100

0

Time-->

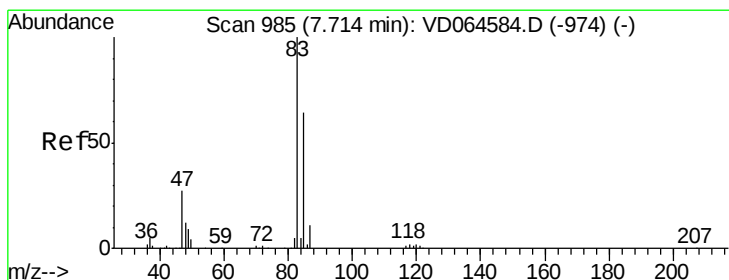
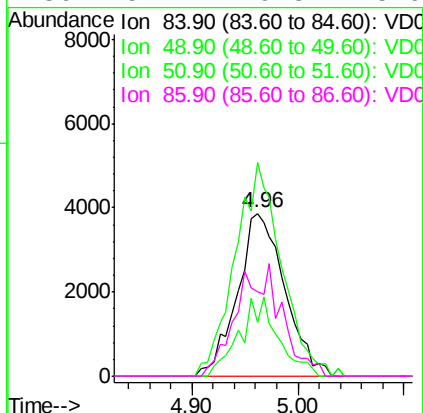
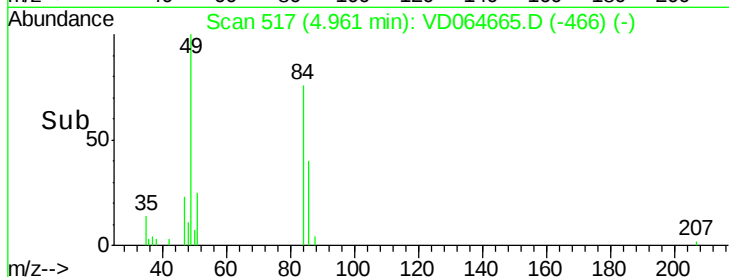
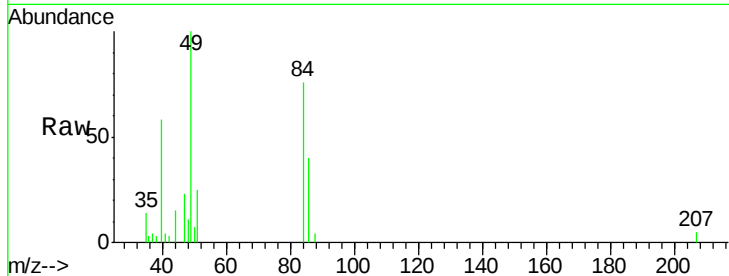




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064665.D
Acq: 28 Dec 2019 02:45

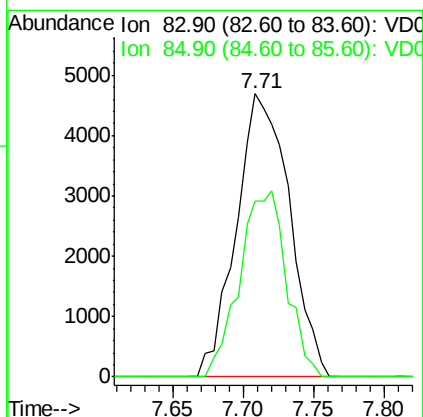
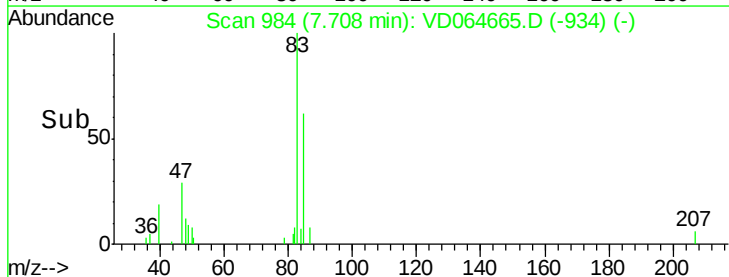
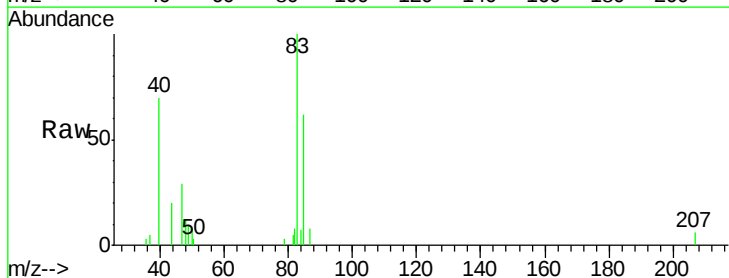
Instrument :
MSVOA_D
ClientSampleId :
K615-SB1

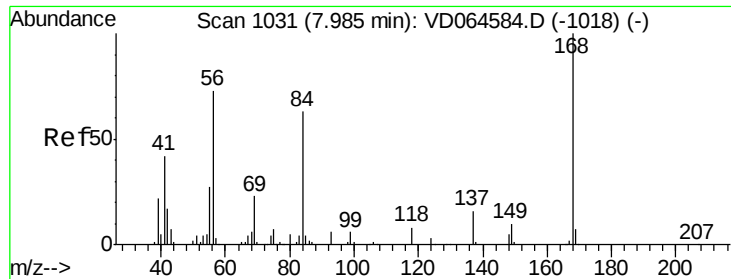
Tgt Ion: 84 Resp: 12050
Ion Ratio Lower Upper
84 100
49 131.2 97.2 145.8
51 33.3 31.4 47.0
86 52.2 49.3 73.9



#30
Chloroform
Concen: 1.380 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064665.D
Acq: 28 Dec 2019 02:45

Tgt Ion: 83 Resp: 12358
Ion Ratio Lower Upper
83 100
85 62.3 51.1 76.7

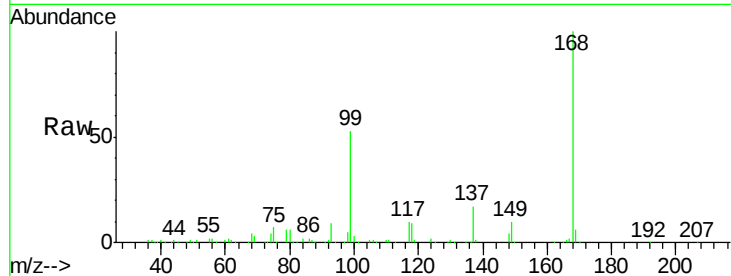




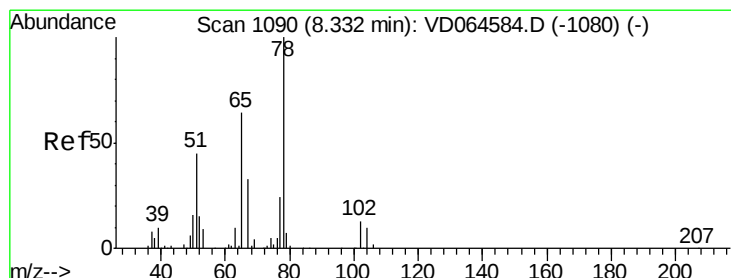
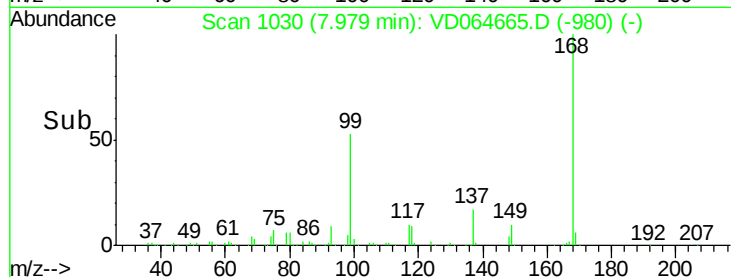
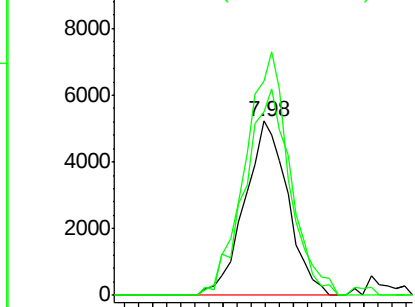
#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064665.D
Acq: 28 Dec 2019 02:45

Instrument :
MSVOA_D
ClientSampleID :
K615-SB1

Tgt Ion: 56 Resp: 11166
Ion Ratio Lower Upper
56 100
69 122.5 24.7 37.1#
84 104.8 69.4 104.2#

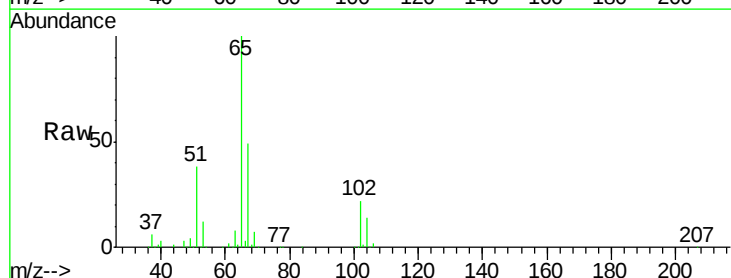


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

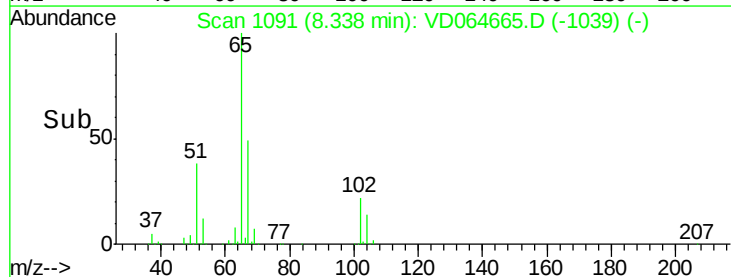
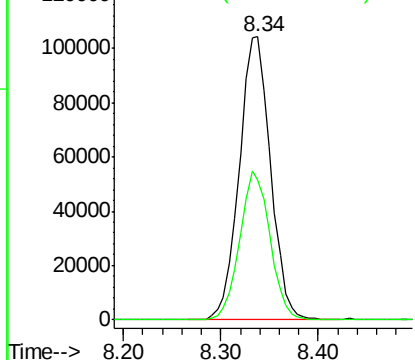


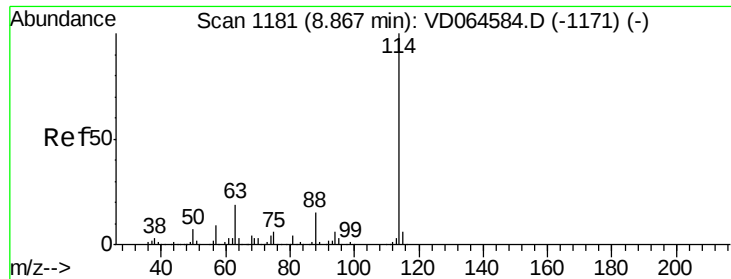
#33
1,2-Dichloroethane-d4
Concen: 50.902 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064665.D
Acq: 28 Dec 2019 02:45

Tgt Ion: 65 Resp: 233184
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

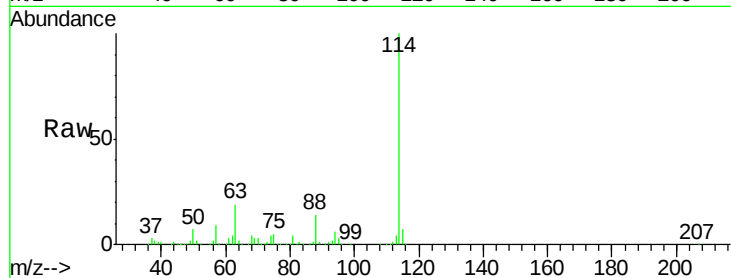




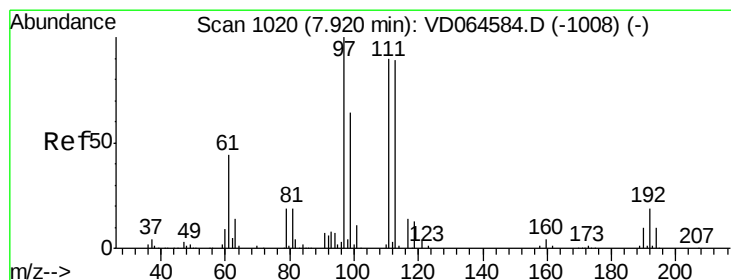
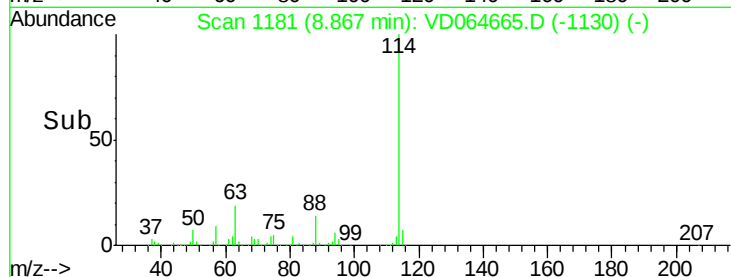
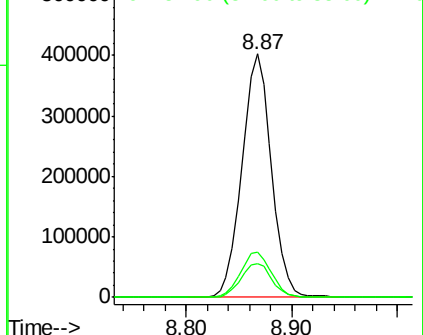
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064665.D
 Acq: 28 Dec 2019 02:45

Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB1

Tgt Ion:114 Resp: 776158
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.0
 88 13.9 0.0 29.2

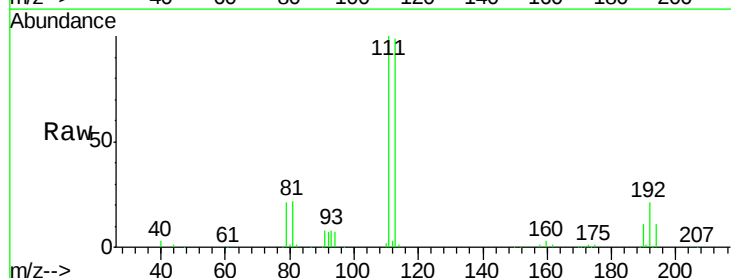


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

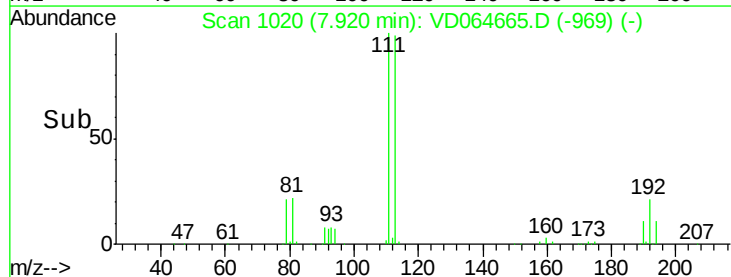
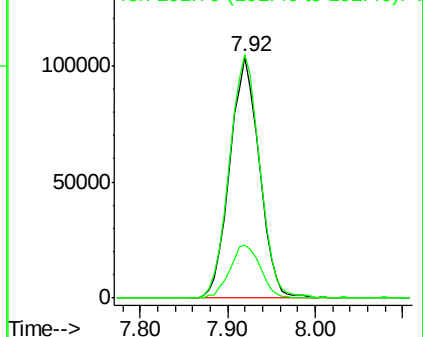


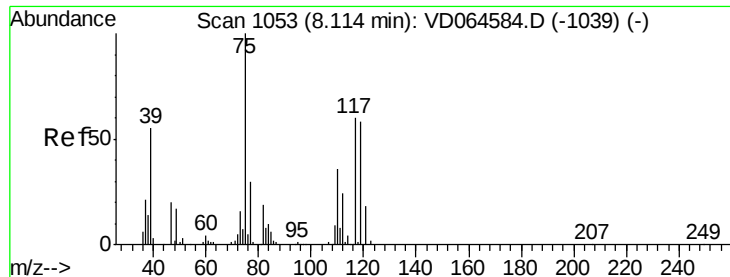
#35
 Dibromofluoromethane
 Concen: 50.124 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064665.D
 Acq: 28 Dec 2019 02:45

Tgt Ion:113 Resp: 238682
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.6 121.0
 192 22.6 17.9 26.9



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: 5.193 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

Instrument :

MSVOA_D

ClientSampleId :

K615-SB1

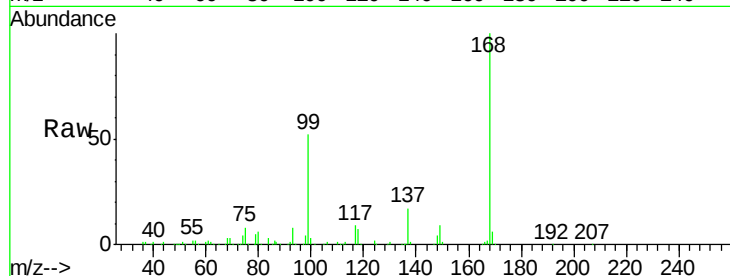
Tgt Ion: 75 Resp: 38793

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.1#

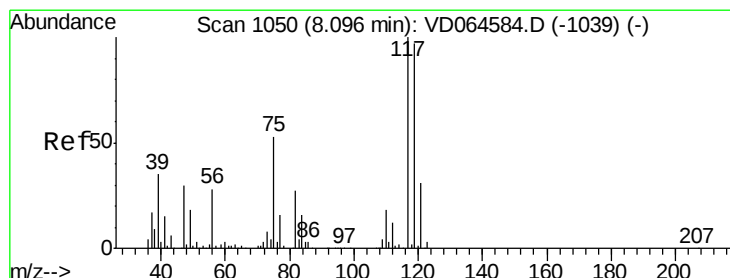
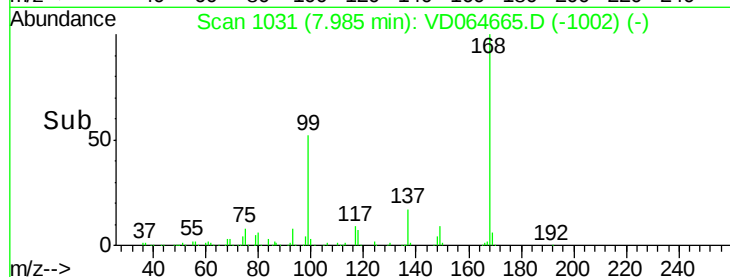
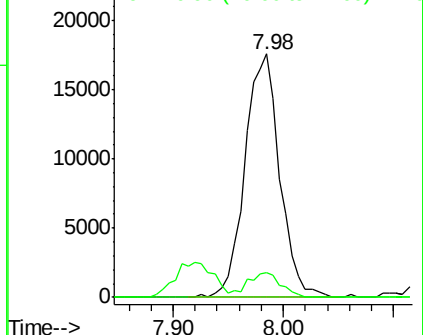
77 0.0 24.2 36.4#



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: 6.035 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

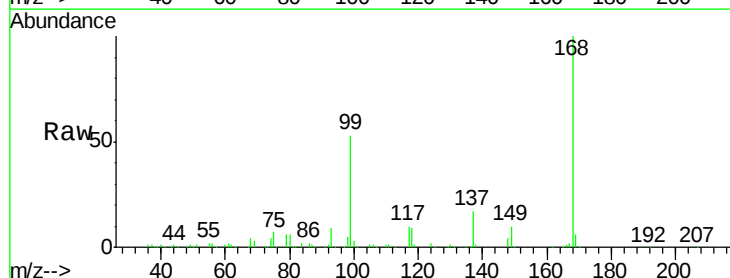
Tgt Ion: 117 Resp: 48071

Ion Ratio Lower Upper

117 100

119 5.8 77.3 115.9#

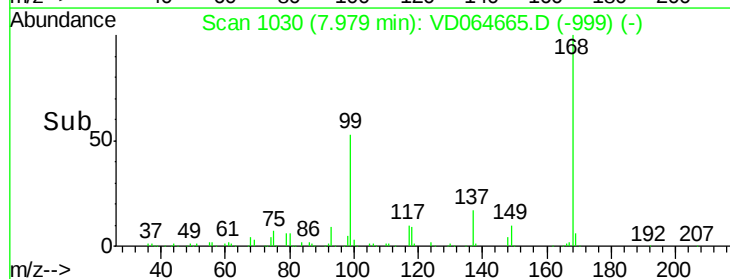
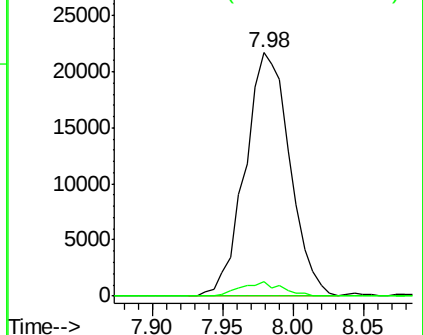
121 0.0 25.0 37.6#

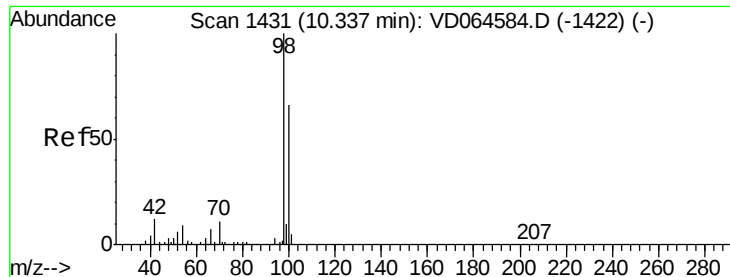


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.846 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

Instrument :

MSVOA_D

ClientSampleId :

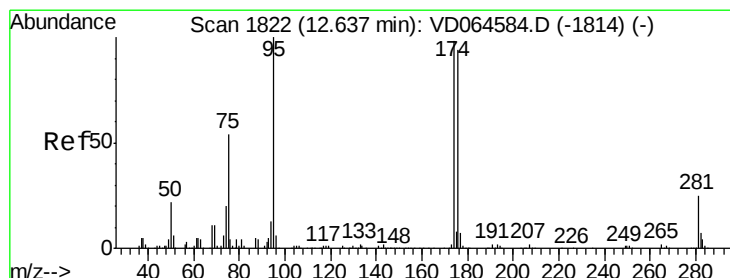
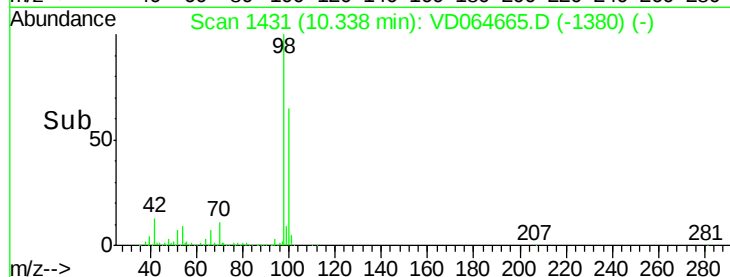
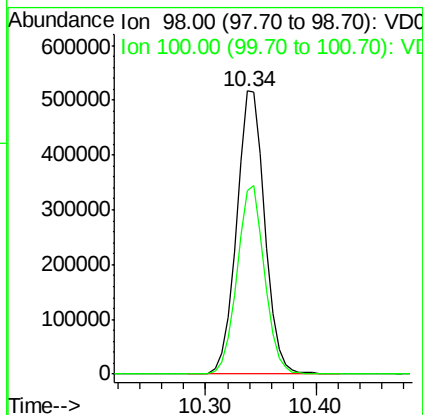
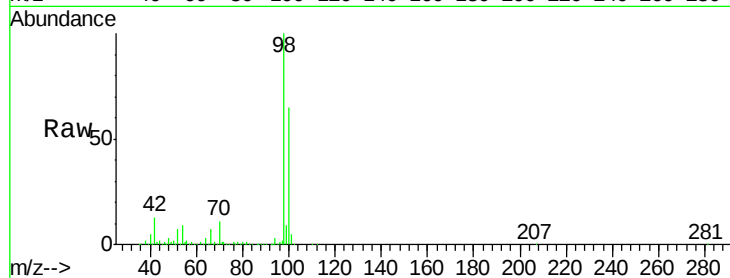
K615-SB1

Tgt Ion: 98 Resp: 927300

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.562 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

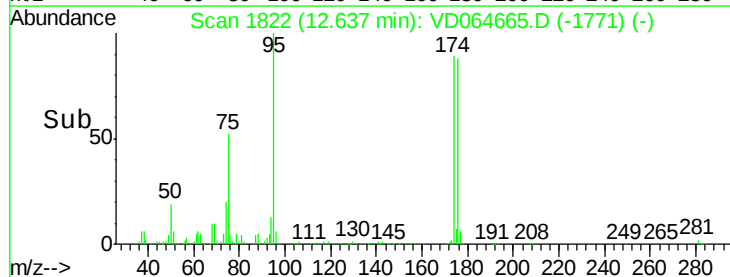
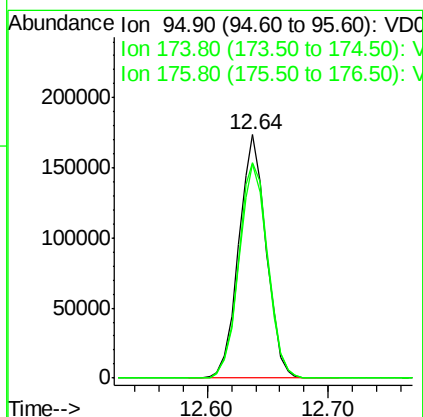
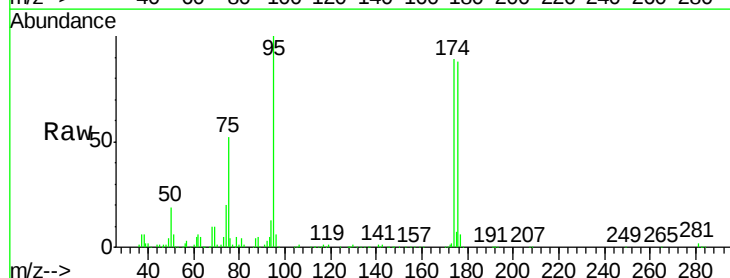
Tgt Ion: 95 Resp: 274281

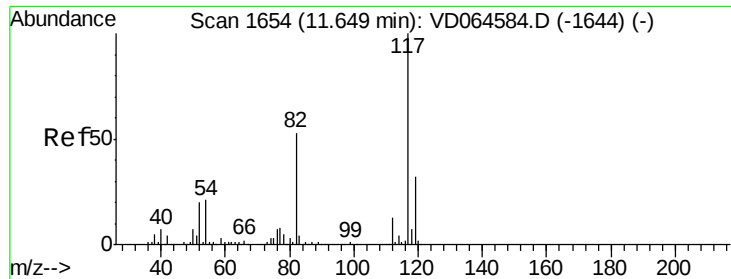
Ion Ratio Lower Upper

95 100

174 94.8 0.0 193.2

176 91.0 0.0 184.2

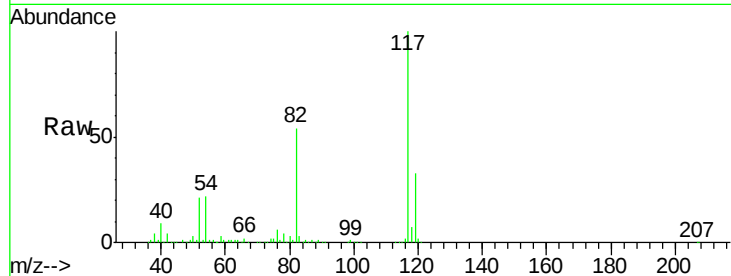




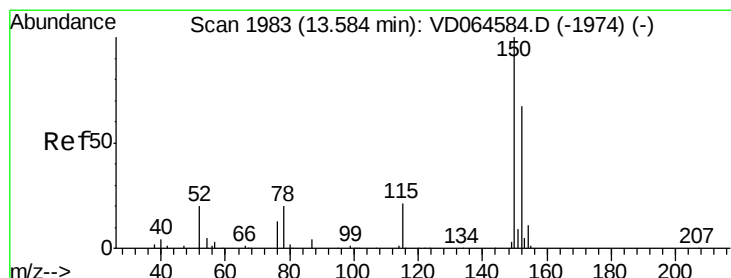
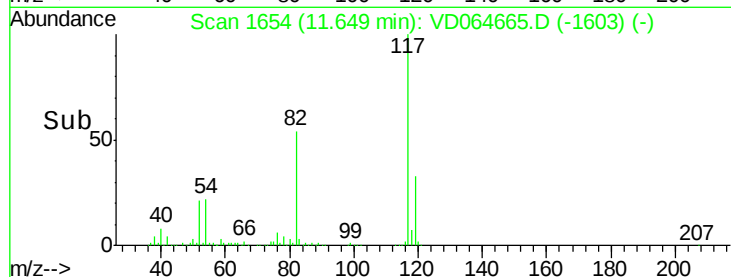
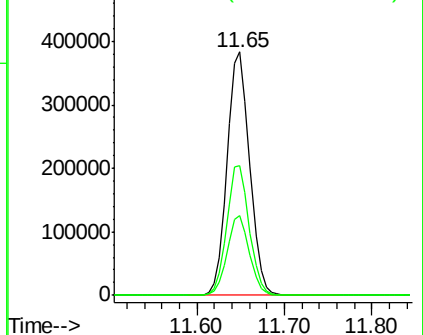
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064665.D
Acq: 28 Dec 2019 02:45

Instrument :
MSVOA_D
ClientSampleId :
K615-SB1

Tgt Ion:117 Resp: 675220
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 32.6 26.0 39.0

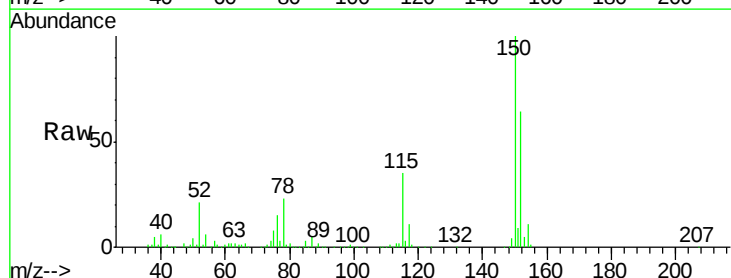


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

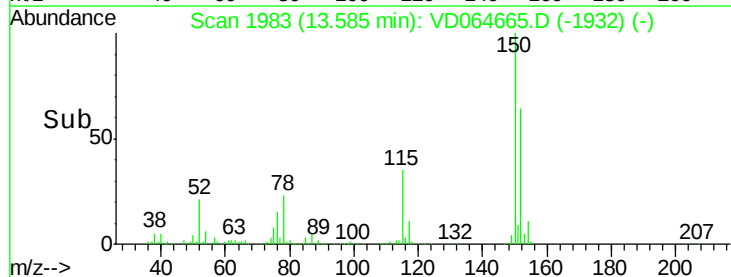
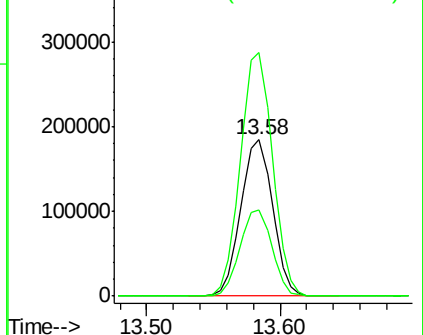


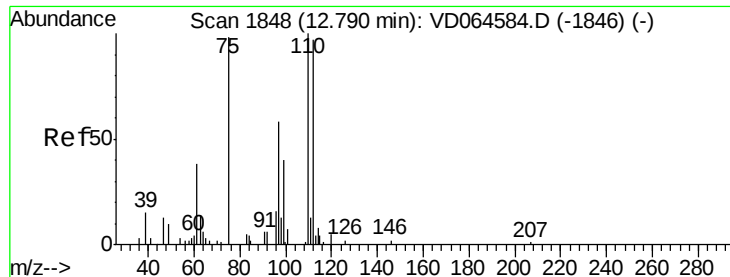
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064665.D
Acq: 28 Dec 2019 02:45

Tgt Ion:152 Resp: 305367
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 156.9 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: 60.400 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

Instrument :

MSVOA_D

ClientSampled :

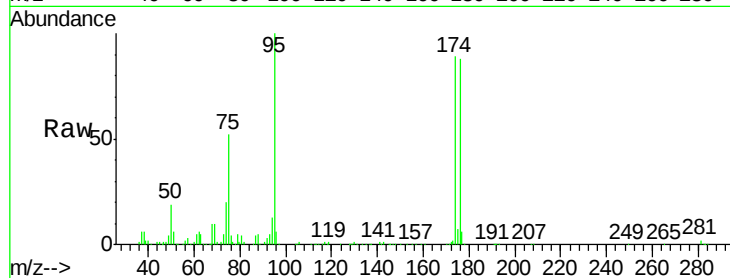
K615-SB1

Tgt Ion: 75 Resp: 145647

Ion Ratio Lower Upper

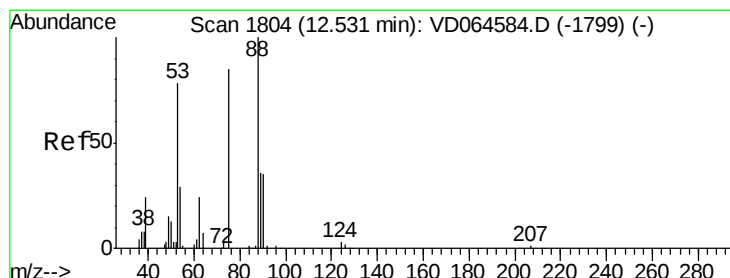
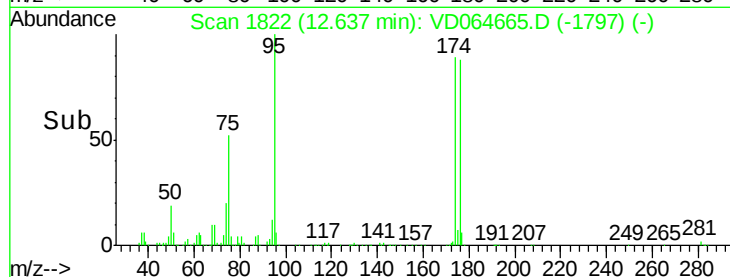
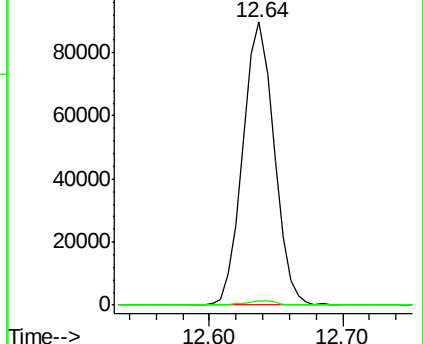
75 100

77 1.3 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: 126.325 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064665.D

Acq: 28 Dec 2019 02:45

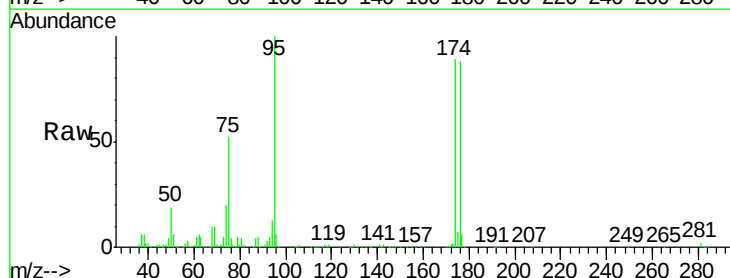
Tgt Ion: 75 Resp: 145647

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 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

