

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
 Data File : VD064668.D
 Acq On : 28 Dec 2019 04:12
 Operator : VA/SY
 Sample : K6442-04
 Misc : 6.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB4

Quant Time: Dec 30 01:05:05 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

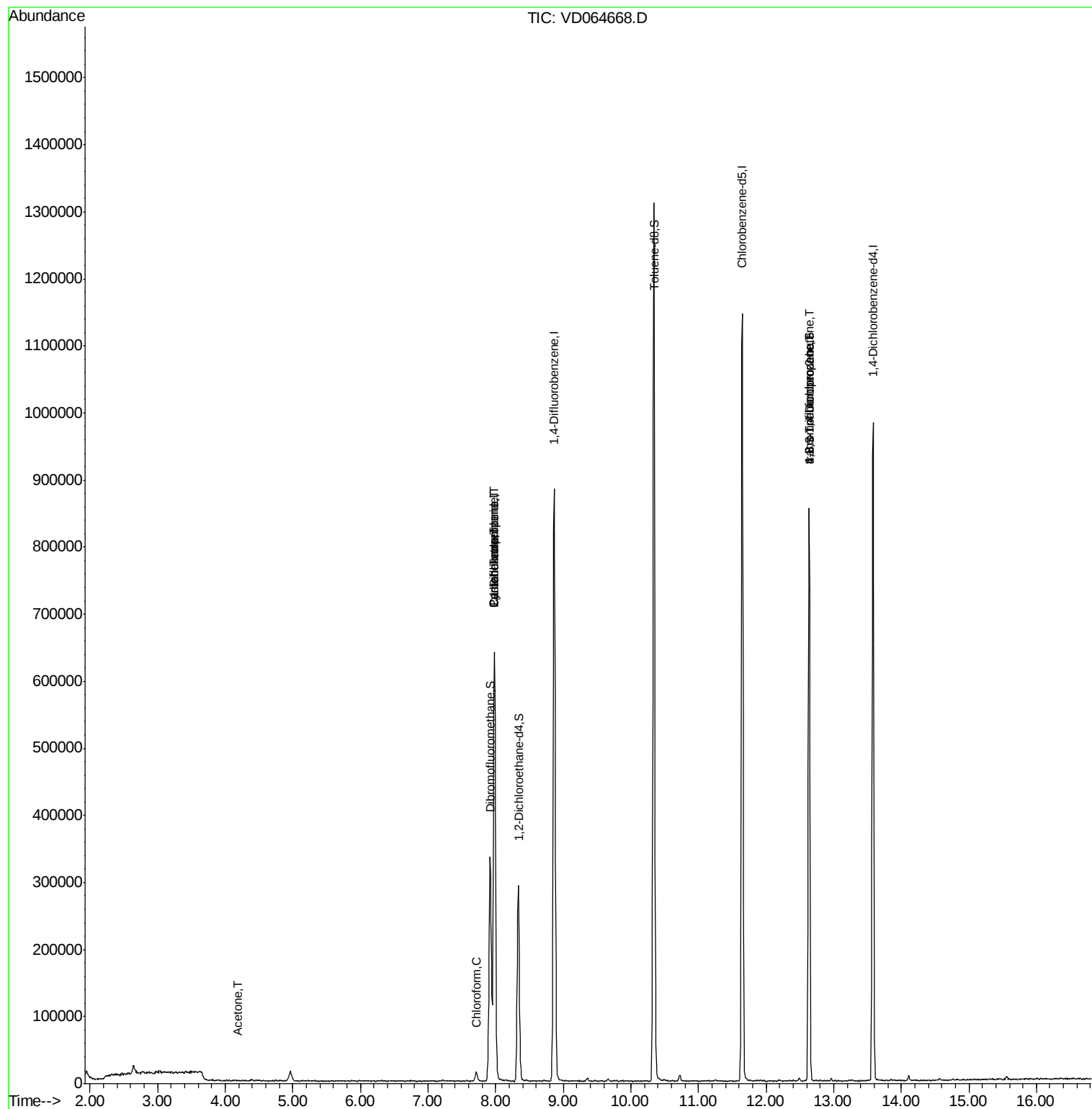
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	763991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	649495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	235781	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
35) Dibromofluoromethane	7.92	113	231296	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.34	98	906402	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.64	95	250621	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	405	4.576	ug/l #	42
20) Methylene Chloride	4.97	84	9724	Below Cal	#	82
30) Chloroform	7.71	83	11212	1.297	ug/l #	74
31) Cyclohexane	7.98	56	10685	1.295	ug/l #	17
36) 1,1-Dichloropropene	7.98	75	36129	4.913	ug/l #	51
38) Carbon Tetrachloride	7.98	117	47090	6.006	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	135040	65.959	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	135040	137.951	ug/l #	10

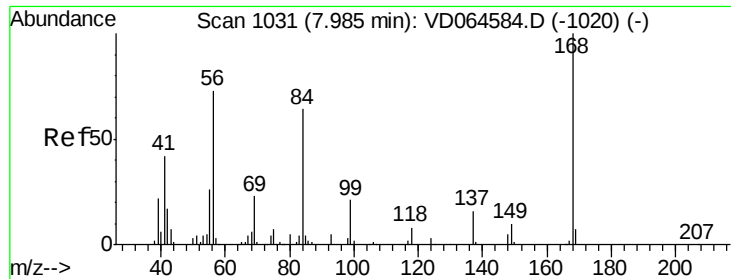
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
Data File : VD064668.D
Acq On : 28 Dec 2019 04:12
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Quant Time: Dec 30 01:05:05 2019
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# 1030

Delta R.T. -0.01 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

Instrument :

MSVOA_D

ClientSampleId :

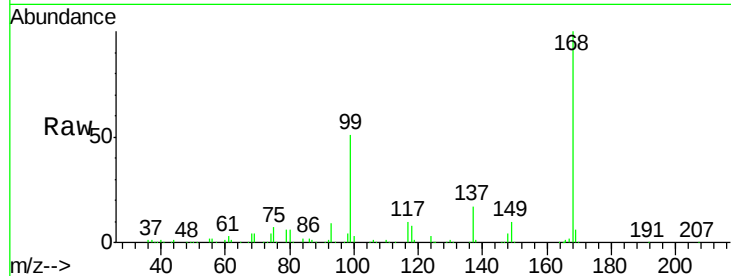
K615-SB4

Tgt Ion:168 Resp: 501834

Ion Ratio Lower Upper

168 100

99 50.8 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

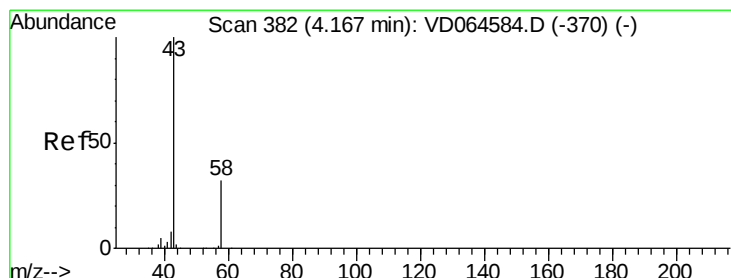
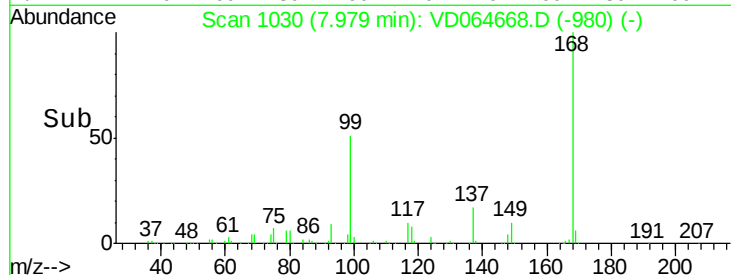
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.576 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064668.D

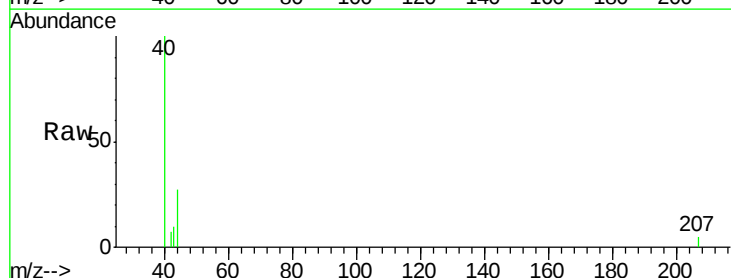
Acq: 28 Dec 2019 04:12

Tgt Ion: 43 Resp: 405

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

4.17

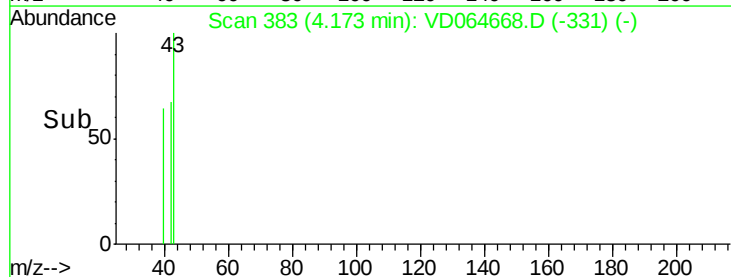
300

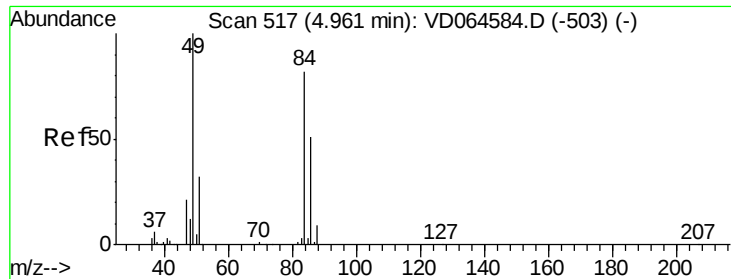
200

100

0

Time-->

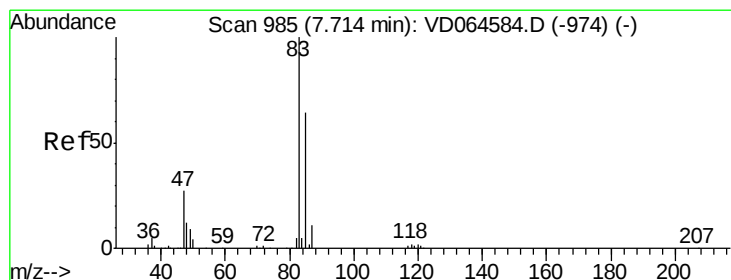
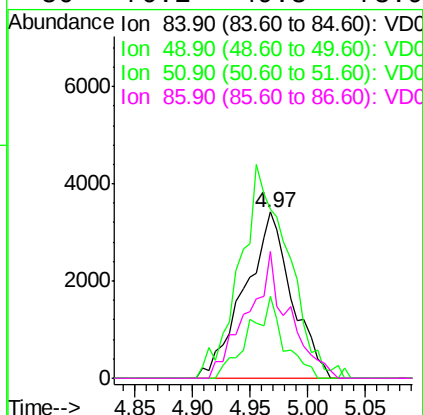
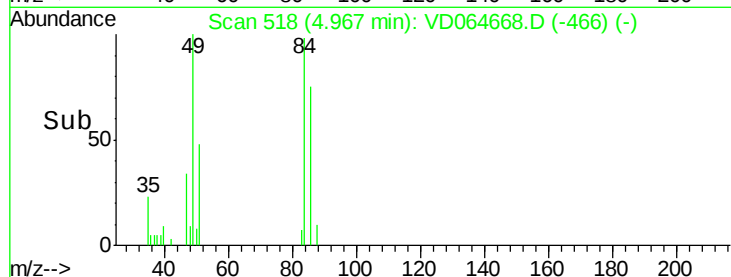
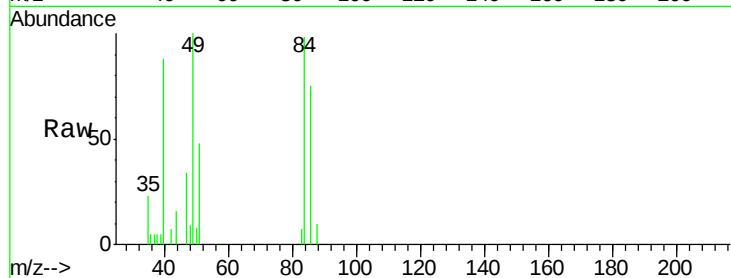




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064668.D
Acq: 28 Dec 2019 04:12

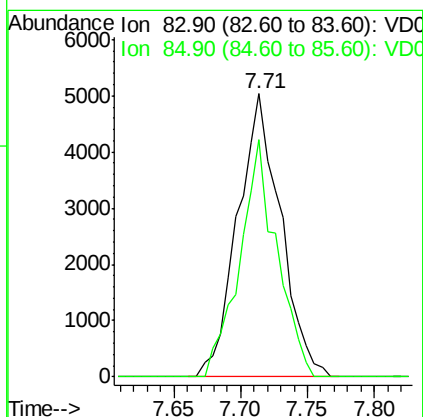
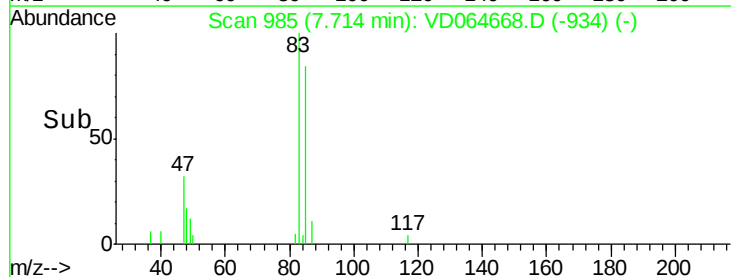
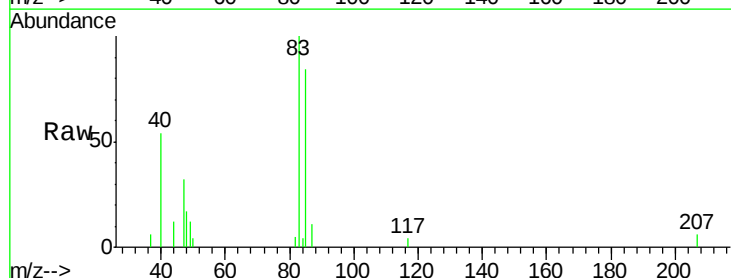
Instrument :
MSVOA_D
ClientSampleId :
K615-SB4

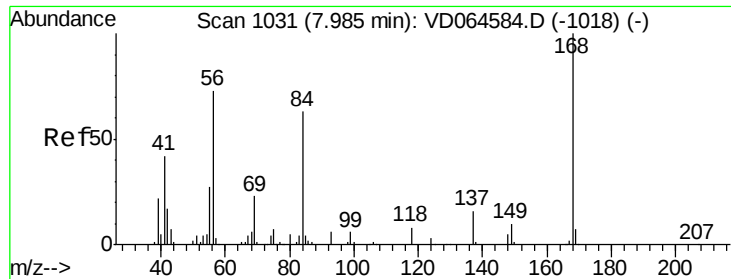
Tgt Ion: 84 Resp: 9724
Ion Ratio Lower Upper
84 100
49 101.9 97.2 145.8
51 48.9 31.4 47.0#
86 76.1 49.3 73.9#



#30
Chloroform
Concen: 1.297 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064668.D
Acq: 28 Dec 2019 04:12

Tgt Ion: 83 Resp: 11212
Ion Ratio Lower Upper
83 100
85 83.9 51.1 76.7#

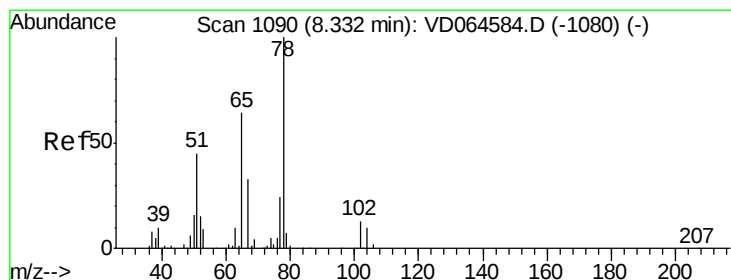
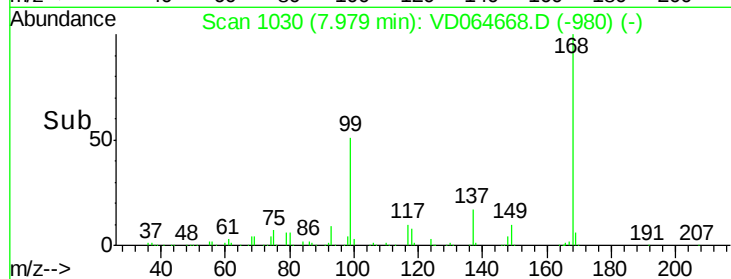
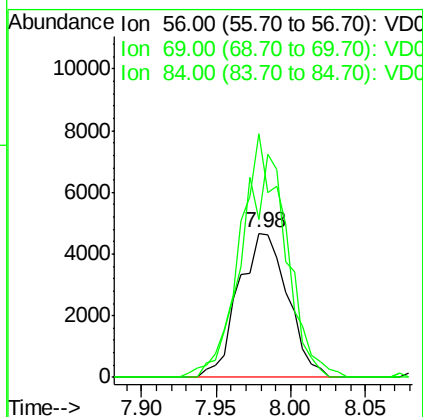
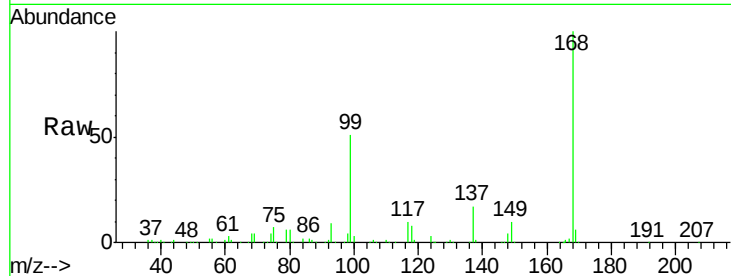




#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064668.D
Acq: 28 Dec 2019 04:12

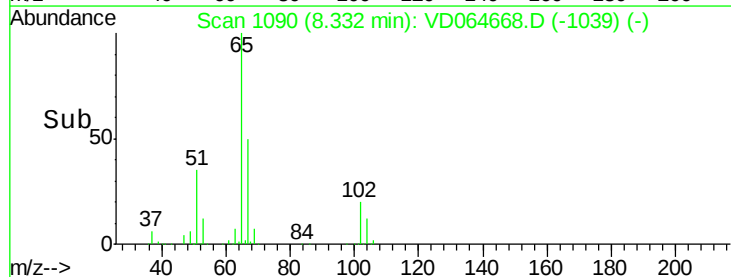
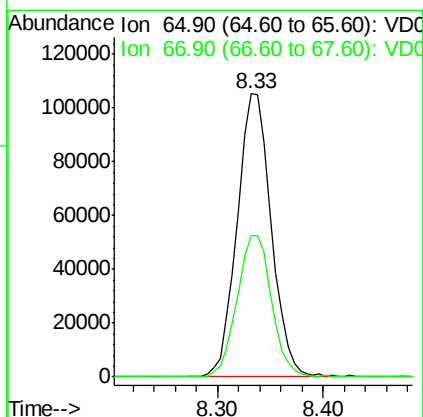
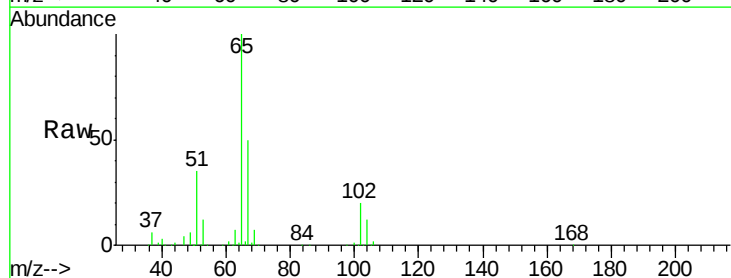
Instrument :
MSVOA_D
ClientSampleId :
K615-SB4

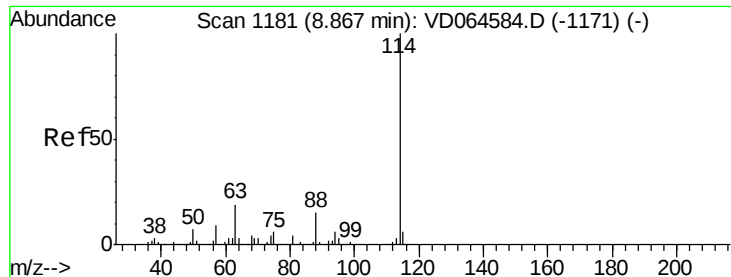
Tgt Ion: 56 Resp: 10685
Ion Ratio Lower Upper
56 100
69 165.8 24.7 37.1#
84 109.9 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 53.282 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD064668.D
Acq: 28 Dec 2019 04:12

Tgt Ion: 65 Resp: 235781
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.2

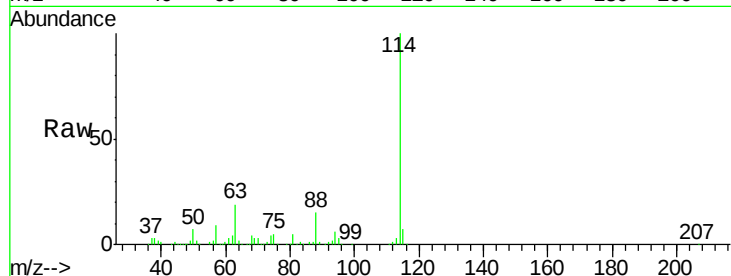




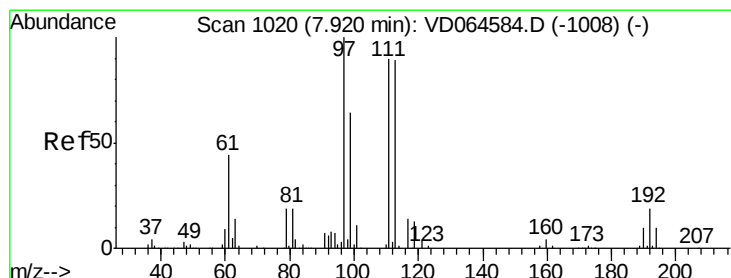
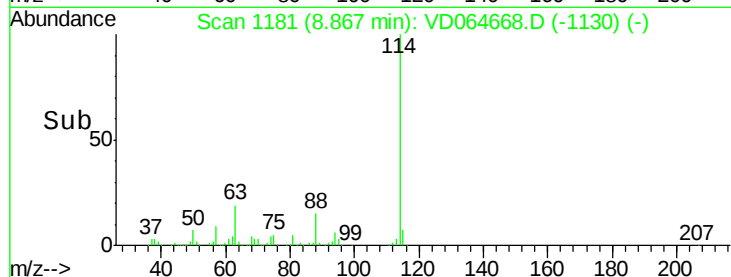
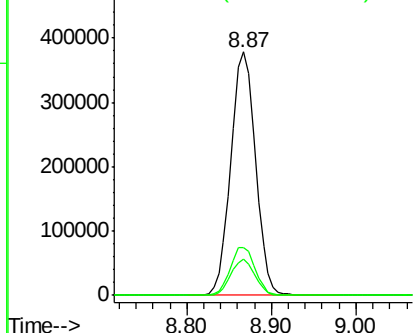
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064668.D
 Acq: 28 Dec 2019 04:12

Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB4

Tgt Ion:114 Resp: 763991
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 14.9 0.0 29.2

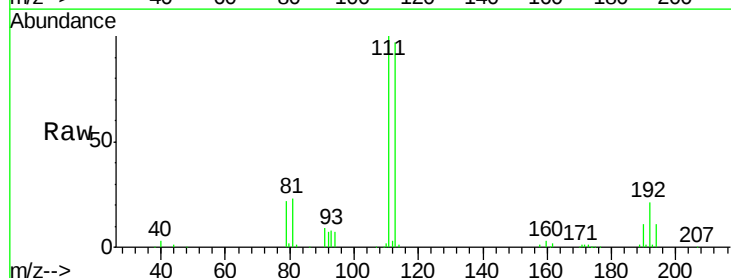


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

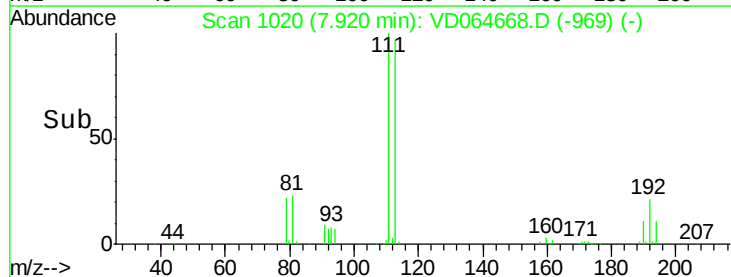
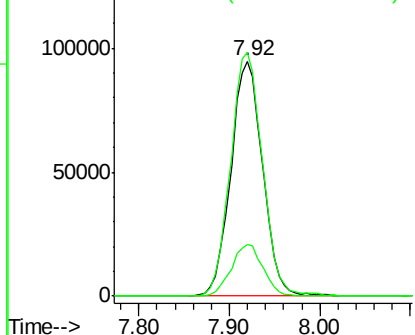


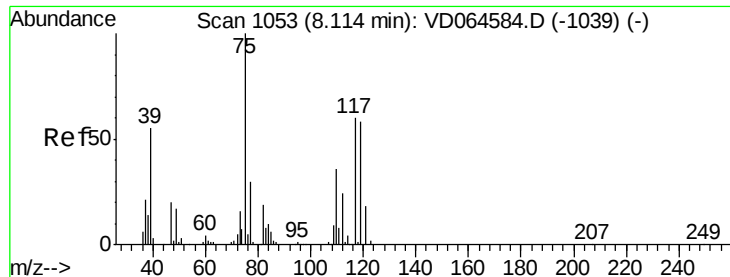
#35
 Dibromofluoromethane
 Concen: 49.346 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064668.D
 Acq: 28 Dec 2019 04:12

Tgt Ion:113 Resp: 231296
 Ion Ratio Lower Upper
 113 100
 111 104.3 80.6 121.0
 192 21.9 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: 4.913 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

Instrument :

MSVOA_D

ClientSampleId :

K615-SB4

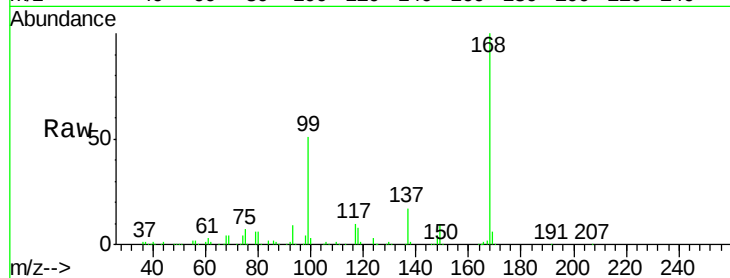
Tgt Ion: 75 Resp: 36129

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.1#

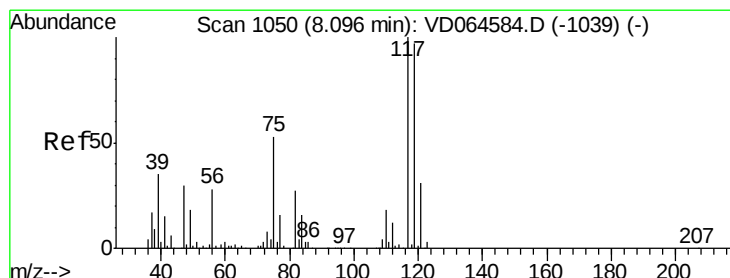
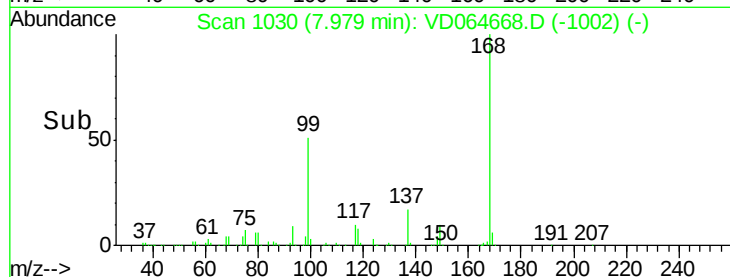
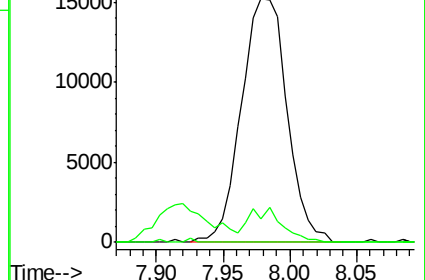
77 0.0 24.2 36.4#



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: 6.006 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

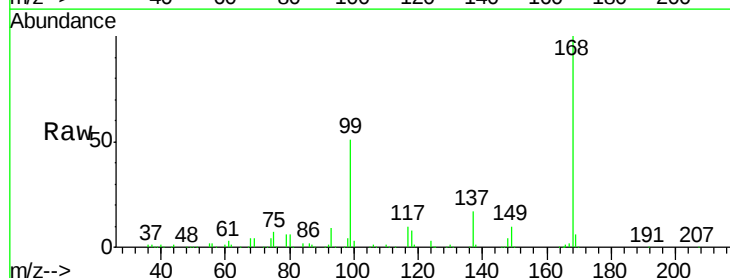
Tgt Ion: 117 Resp: 47090

Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

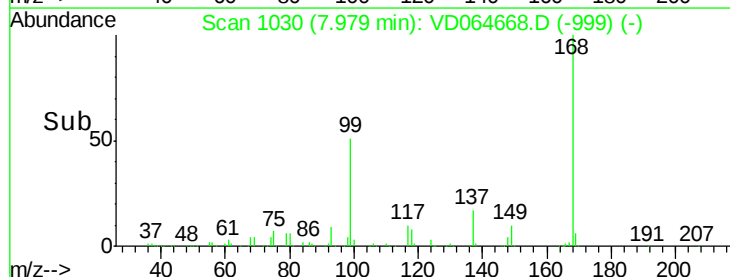
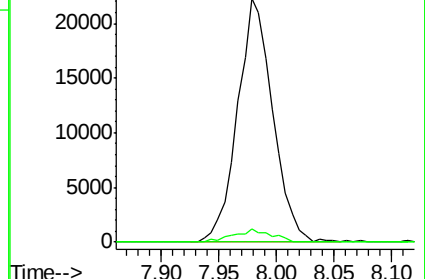
121 0.0 25.0 37.6#

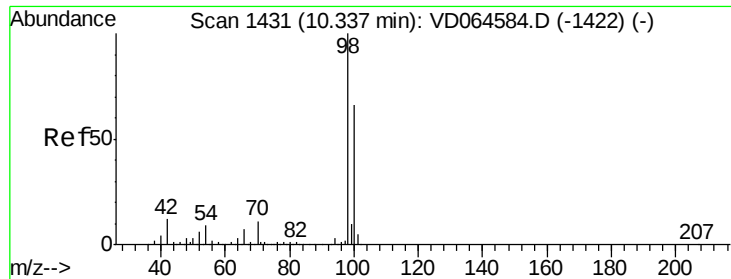


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.492 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

Instrument :

MSVOA_D

ClientSampled :

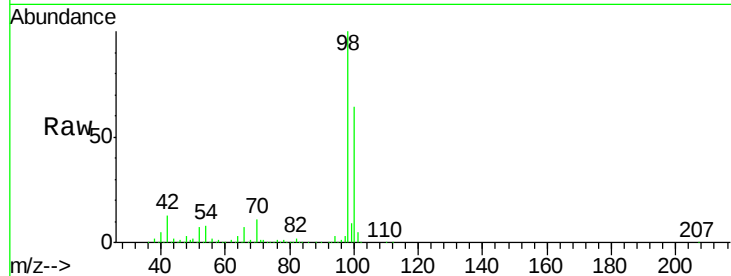
K615-SB4

Tgt Ion: 98 Resp: 906402

Ion Ratio Lower Upper

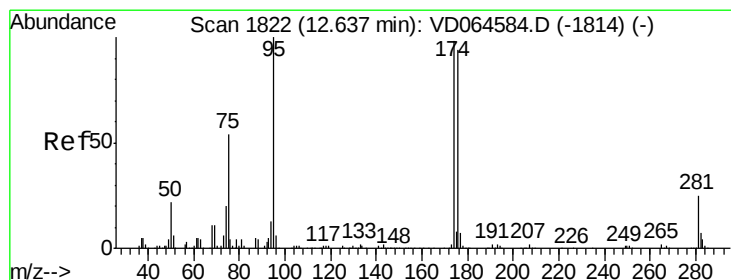
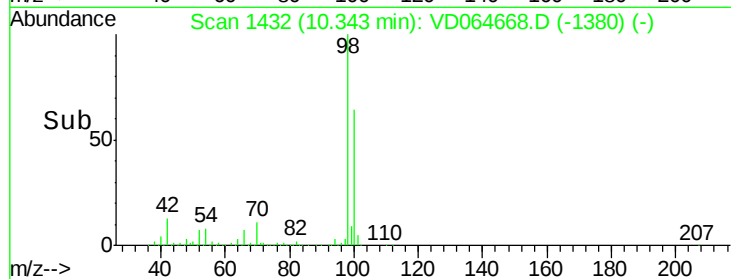
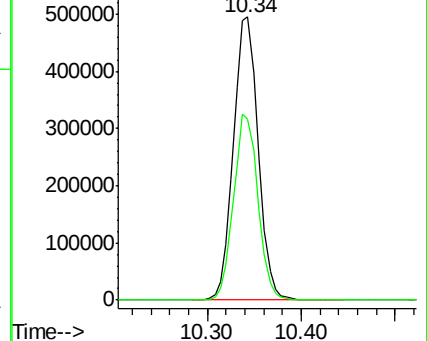
98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 44.151 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

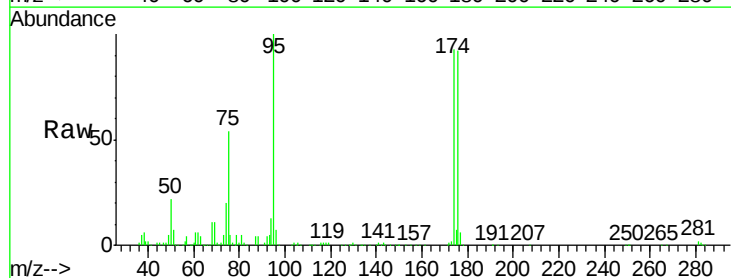
Tgt Ion: 95 Resp: 250621

Ion Ratio Lower Upper

95 100

174 93.2 0.0 193.2

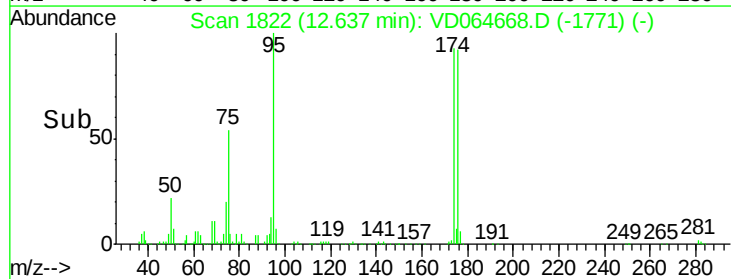
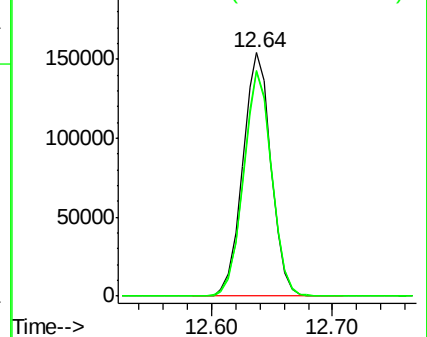
176 91.2 0.0 184.2

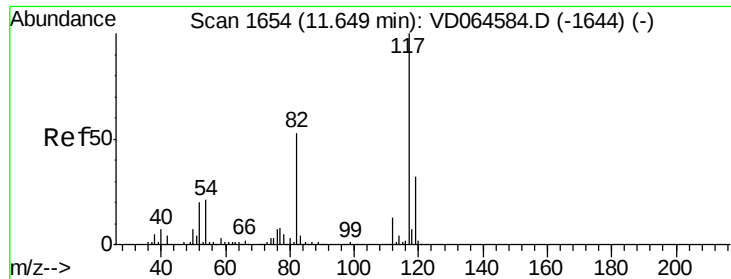


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

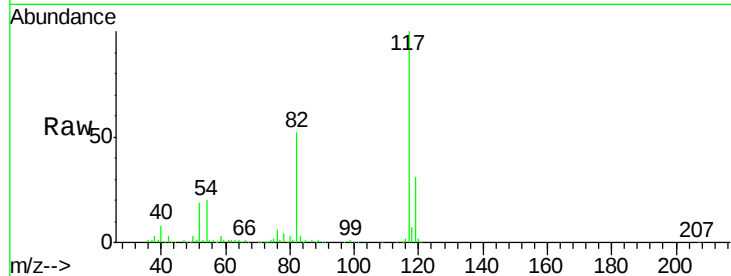




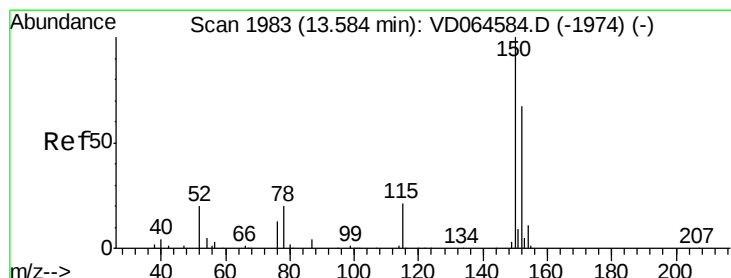
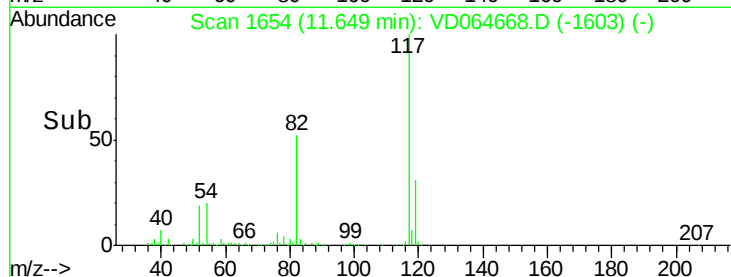
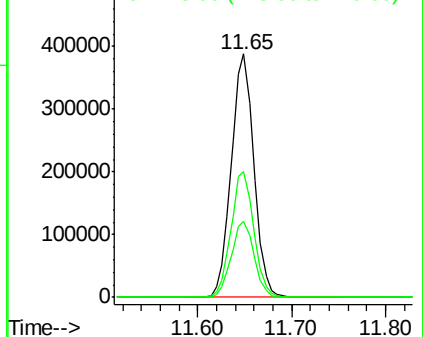
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064668.D
Acq: 28 Dec 2019 04:12

Instrument :
MSVOA_D
ClientSampleId :
K615-SB4

Tgt Ion:117 Resp: 649495
Ion Ratio Lower Upper
117 100
82 51.6 42.2 63.4
119 31.1 26.0 39.0

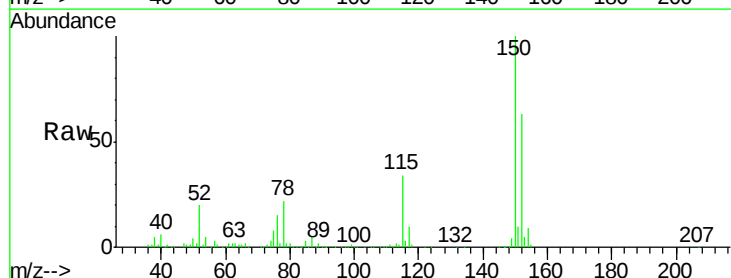


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

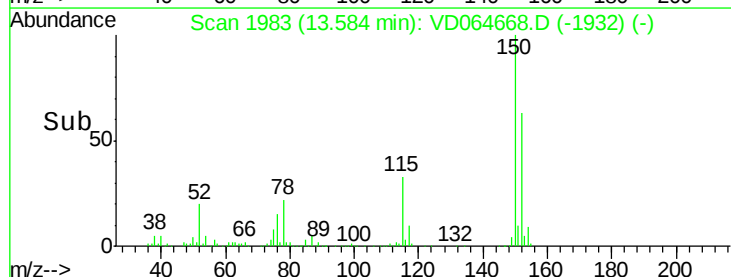
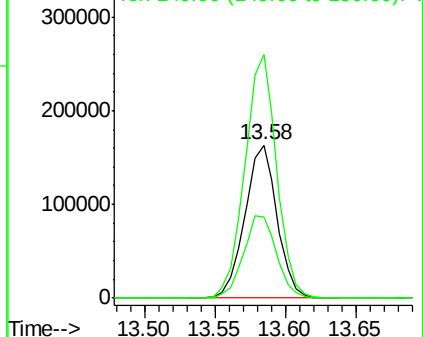


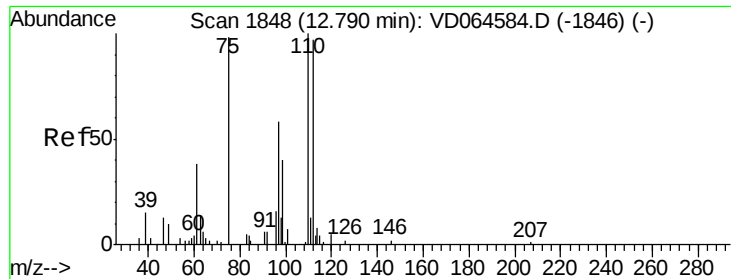
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064668.D
Acq: 28 Dec 2019 04:12

Tgt Ion:152 Resp: 259267
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 157.6 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: 65.959 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

Instrument :

MSVOA_D

ClientSampleId :

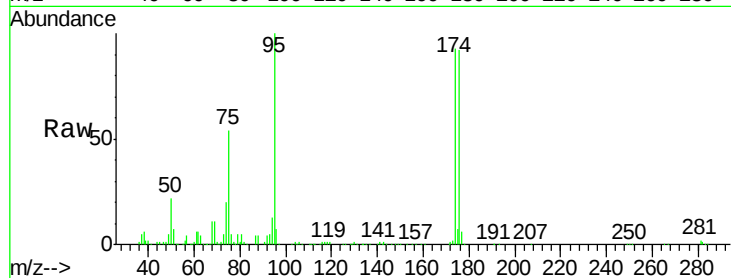
K615-SB4

Tgt Ion: 75 Resp: 135040

Ion Ratio Lower Upper

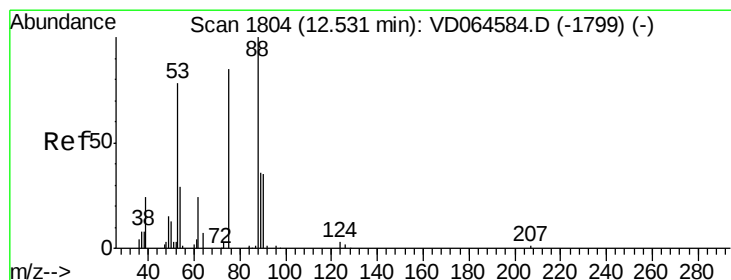
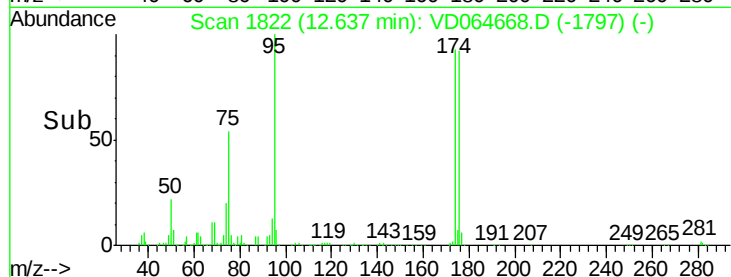
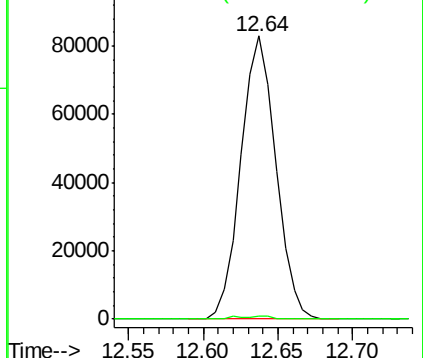
75 100

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: 137.951 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064668.D

Acq: 28 Dec 2019 04:12

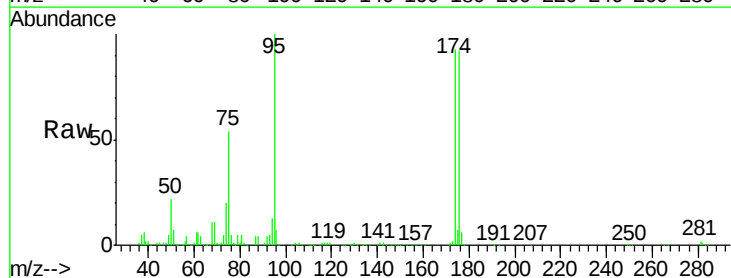
Tgt Ion: 75 Resp: 135040

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

