

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
 Data File : VD064666.D
 Acq On : 28 Dec 2019 03:14
 Operator : VA/SY
 Sample : K6442-02
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB2

Quant Time: Dec 30 01:04:42 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

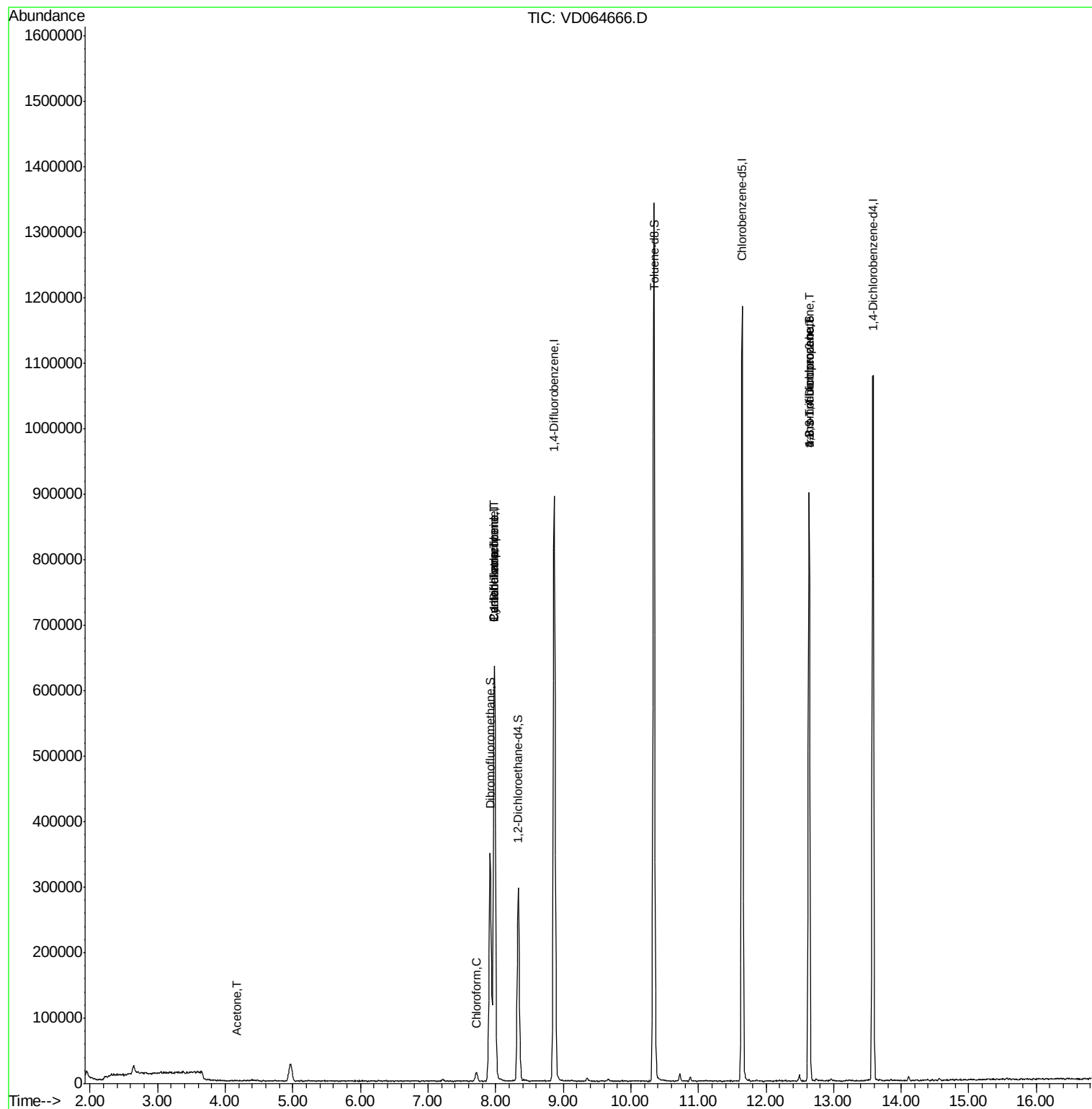
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	505350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	765539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	664692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	235336	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	7.92	113	239347	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.34	98	910757	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.64	95	266993	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	566	4.724	ug/l #	42
20) Methylene Chloride	4.97	84	20531	Below Cal		95
30) Chloroform	7.72	83	13453	1.545	ug/l #	81
31) Cyclohexane	7.98	56	12026	1.447	ug/l #	56
36) 1,1-Dichloropropene	7.98	75	35901	4.872	ug/l #	49
38) Carbon Tetrachloride	7.98	117	46689	5.943	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	138627	60.059	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	138627	125.611	ug/l #	10

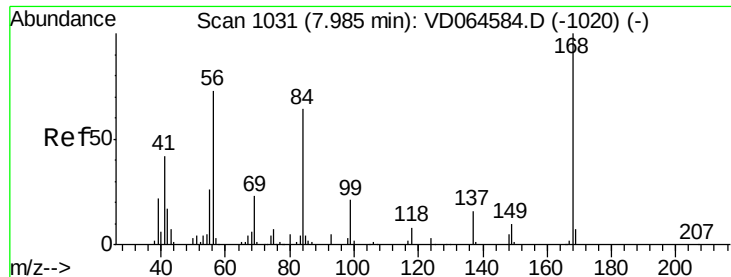
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064666.D

Acq: 28 Dec 2019 03:14

Instrument :

MSVOA_D

ClientSampleId :

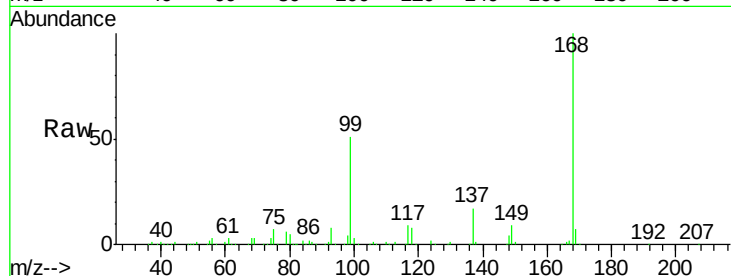
K615-SB2

Tgt Ion:168 Resp: 505350

Ion Ratio Lower Upper

168 100

99 51.3 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

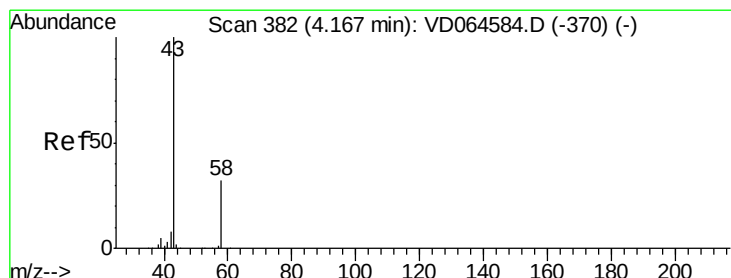
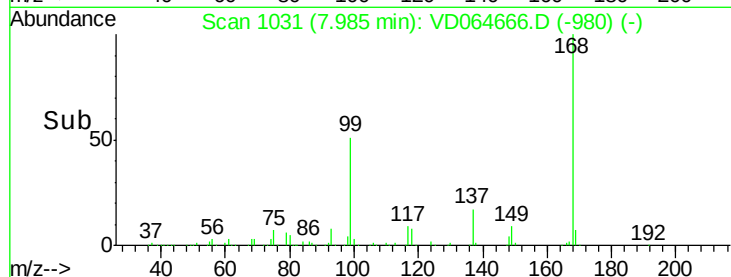
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.724 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064666.D

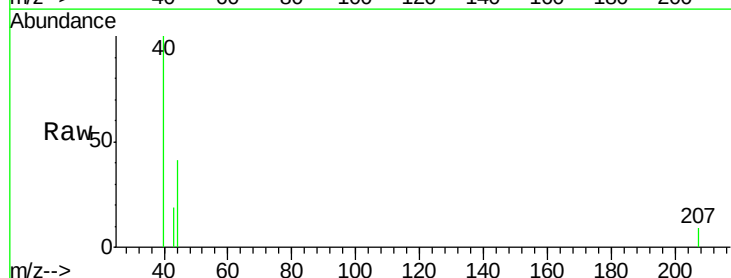
Acq: 28 Dec 2019 03:14

Tgt Ion: 43 Resp: 566

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

600

500

400

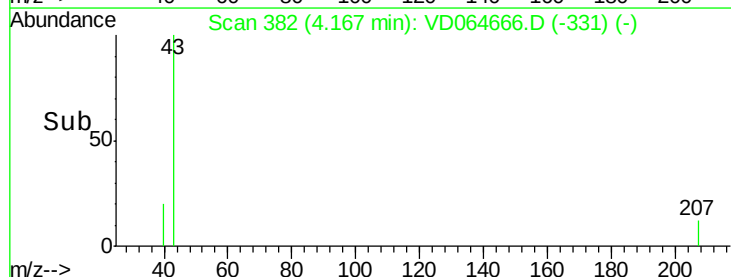
300

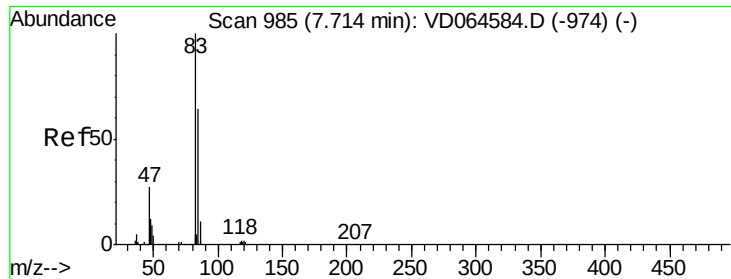
200

100

0

Time-->

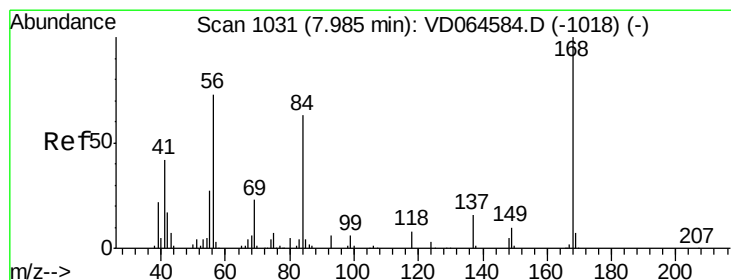
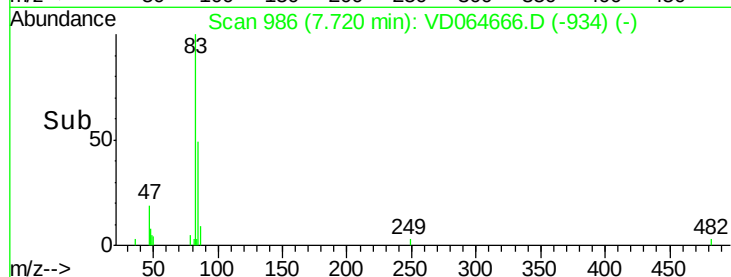
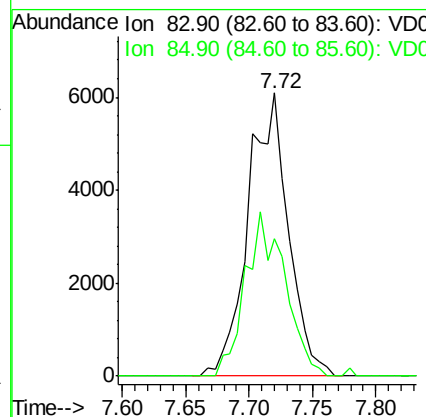
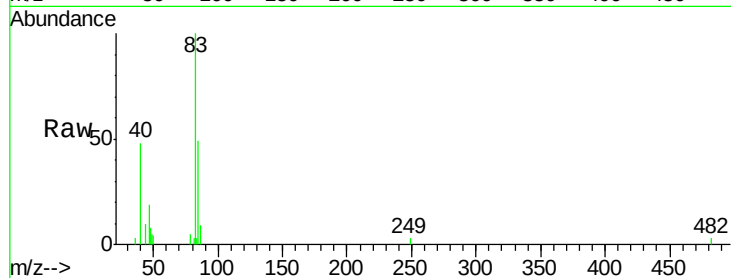




#30
Chloroform
Concen: 1.545 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064666.D
Acq: 28 Dec 2019 03:14

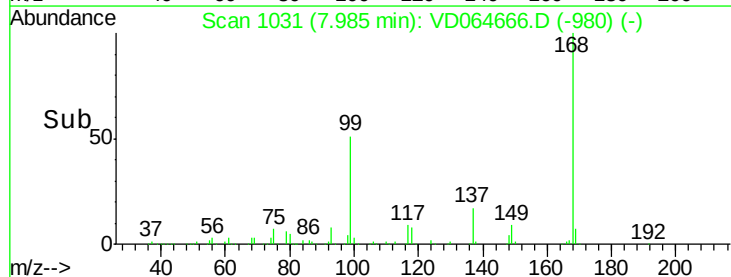
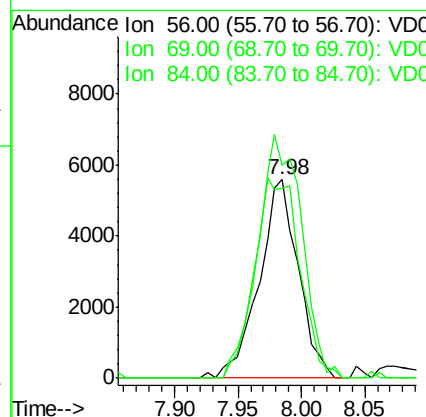
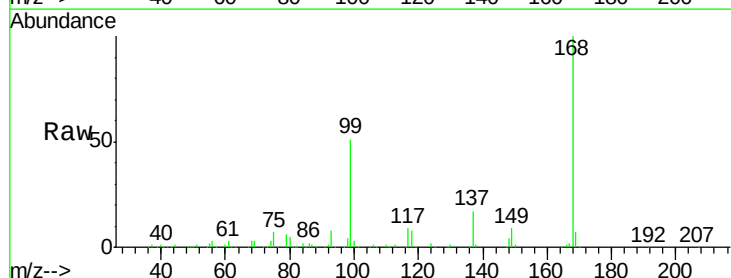
Instrument :
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K615-SB2

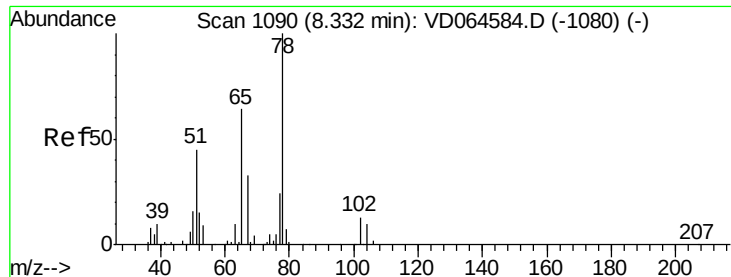
Tgt Ion: 83 Resp: 13453
Ion Ratio Lower Upper
83 100
85 48.7 51.1 76.7#



#31
Cyclohexane
Concen: 1.447 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064666.D
Acq: 28 Dec 2019 03:14

Tgt Ion: 56 Resp: 12026
Ion Ratio Lower Upper
56 100
69 107.2 24.7 37.1#
84 95.9 69.4 104.2

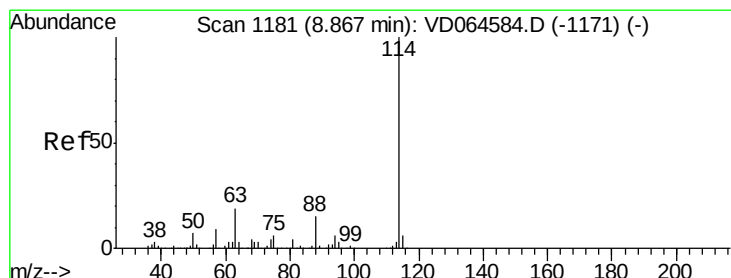
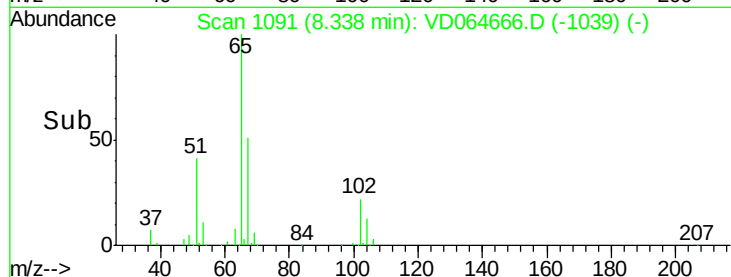
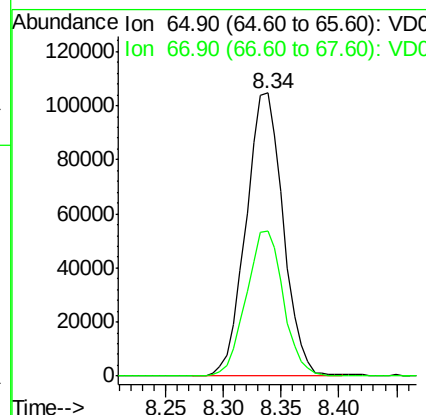
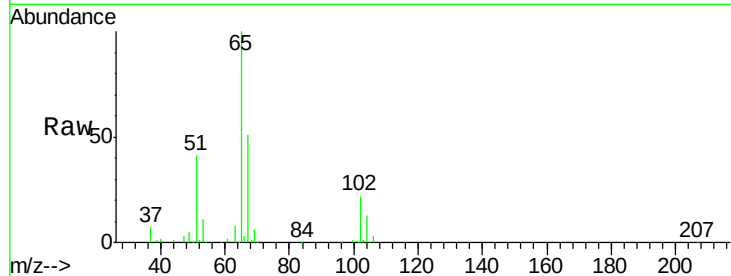




#33
 1,2-Dichloroethane-d4
 Concen: 52.812 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064666.D
 Acq: 28 Dec 2019 03:14

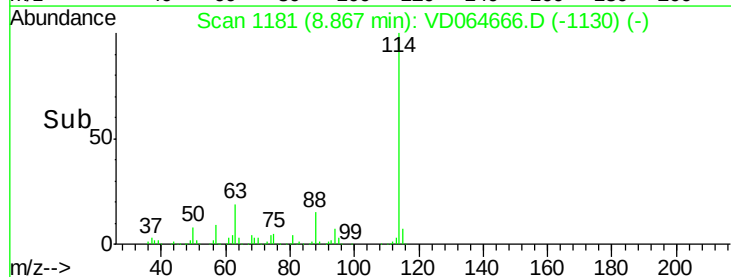
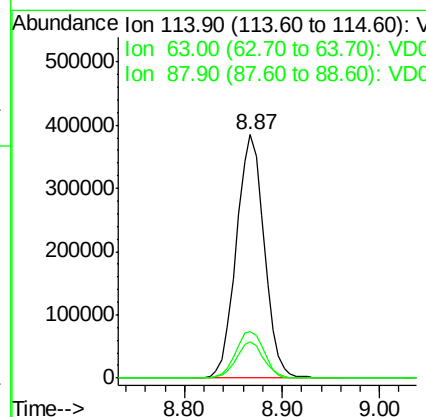
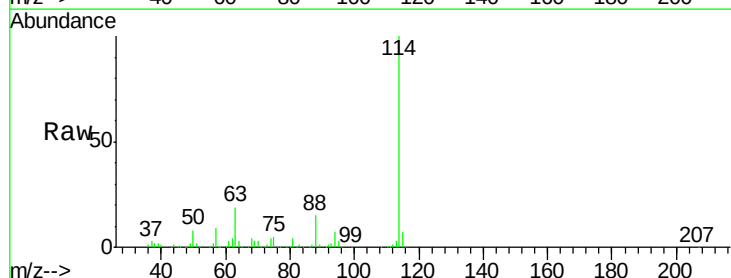
Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB2

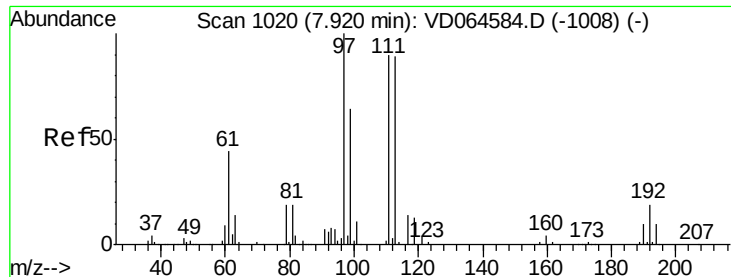
Tgt Ion: 65 Resp: 235336
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064666.D
 Acq: 28 Dec 2019 03:14

Tgt Ion: 114 Resp: 765539
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 14.9 0.0 29.2

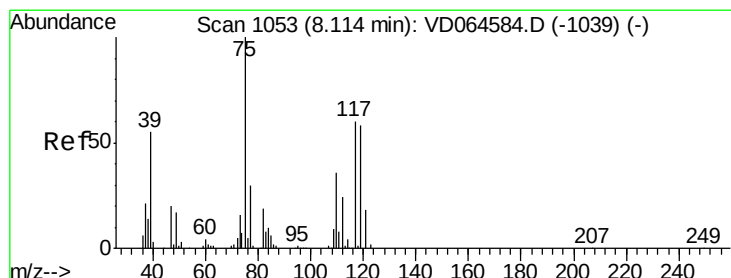
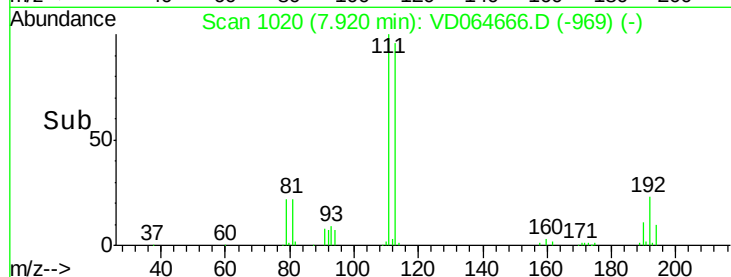
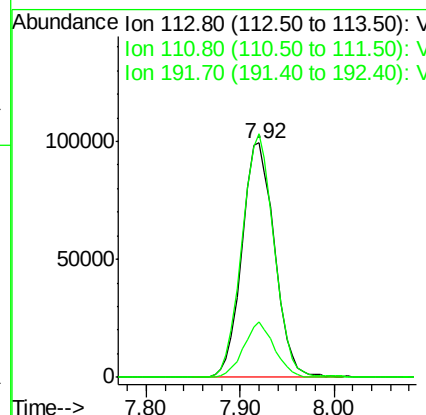
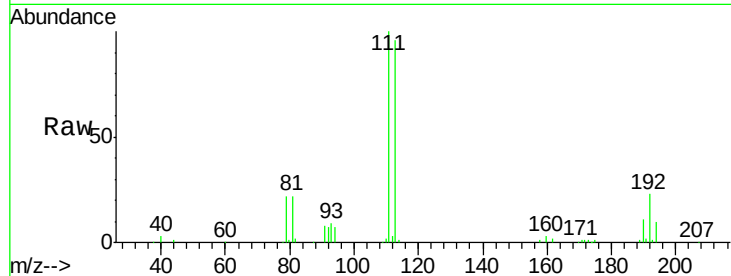




#35
 Dibromofluoromethane
 Concen: 50.961 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064666.D
 Acq: 28 Dec 2019 03:14

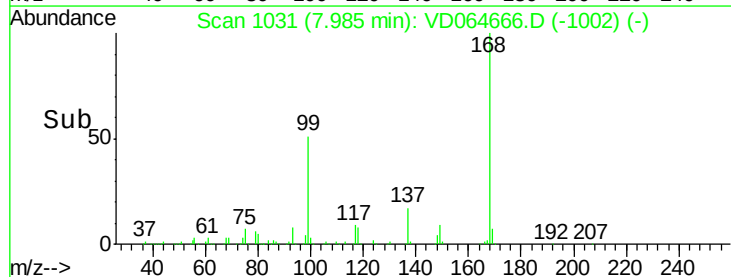
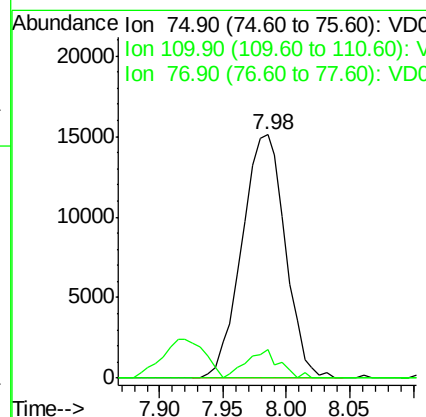
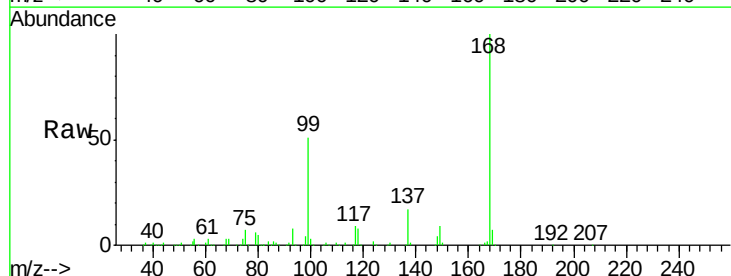
Instrument :
 MSVOA_D
 ClientSampleId :
 K615-SB2

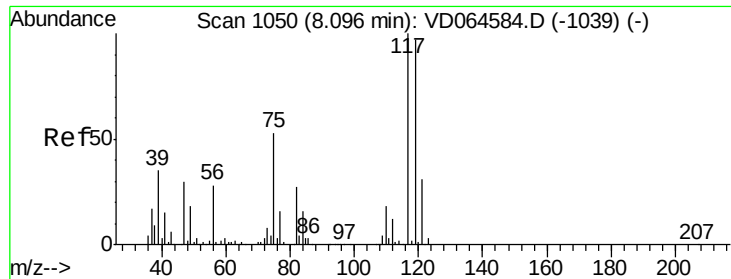
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	22.2	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.872 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064666.D
 Acq: 28 Dec 2019 03:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.1#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.943 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064666.D

Acq: 28 Dec 2019 03:14

Instrument :

MSVOA_D

ClientSampleId :

K615-SB2

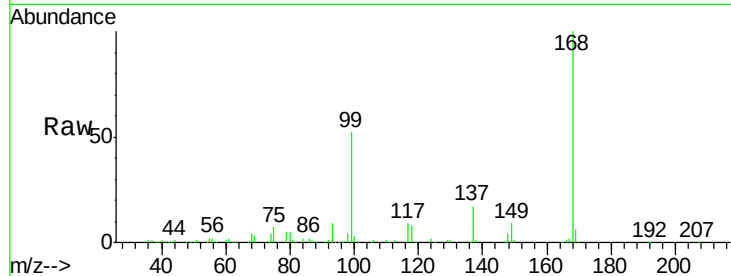
Tgt Ion:117 Resp: 46689

Ion Ratio Lower Upper

117 100

119 4.6 77.3 115.9#

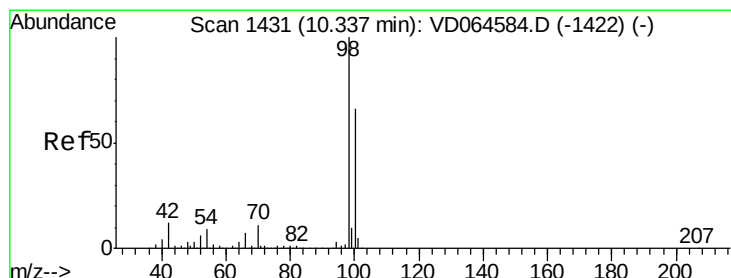
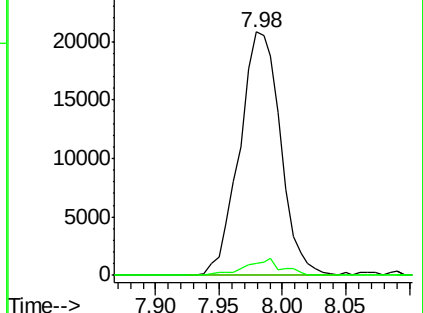
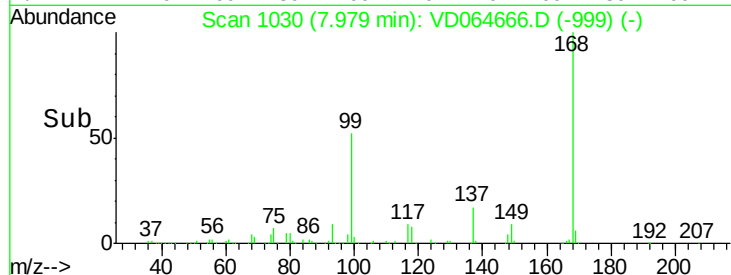
121 0.0 25.0 37.6#



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: 50.632 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064666.D

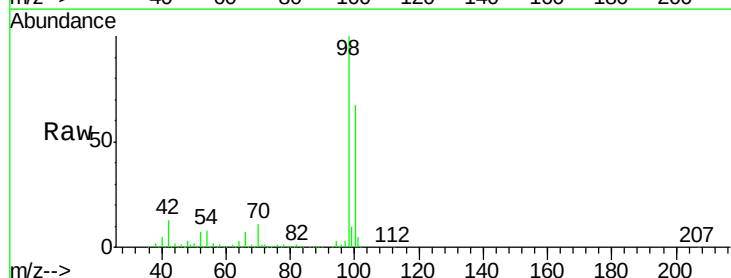
Acq: 28 Dec 2019 03:14

Tgt Ion: 98 Resp: 910757

Ion Ratio Lower Upper

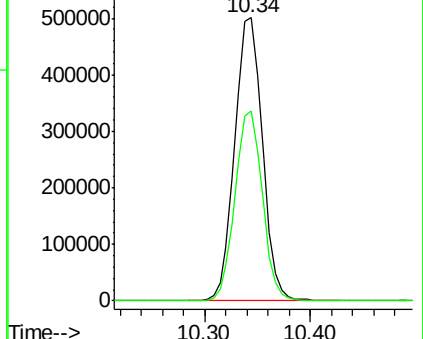
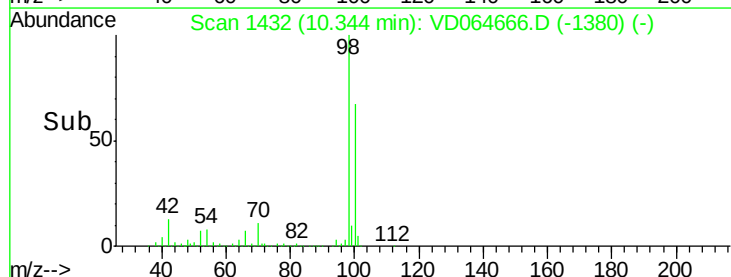
98 100

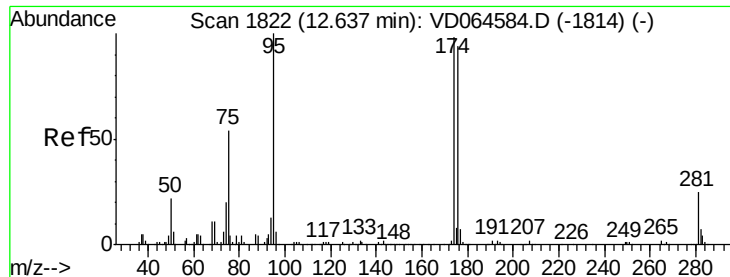
100 66.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

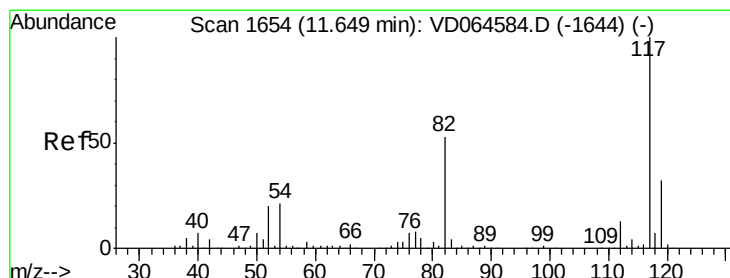
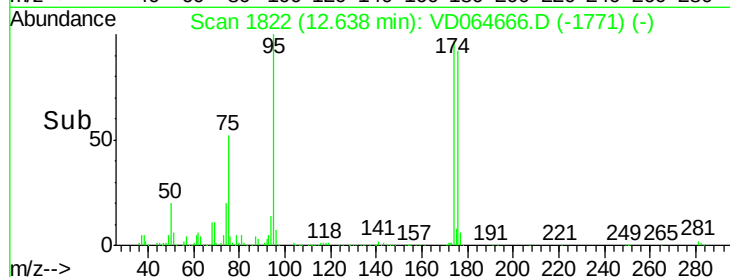
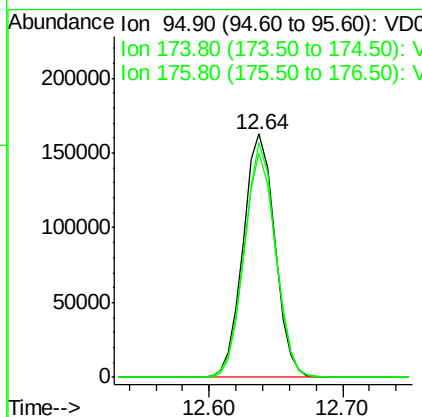
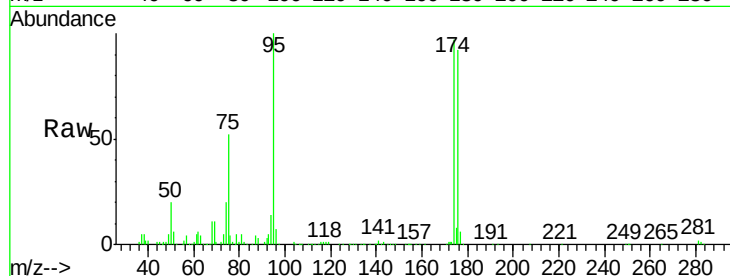




#62
4-Bromofluorobenzene
Concen: 46.940 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064666.D
Acq: 28 Dec 2019 03:14

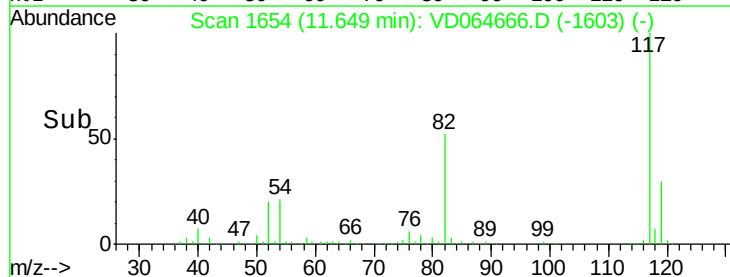
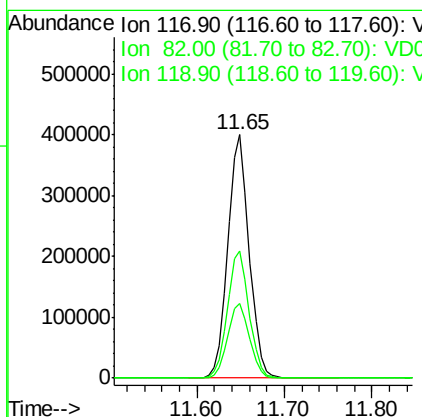
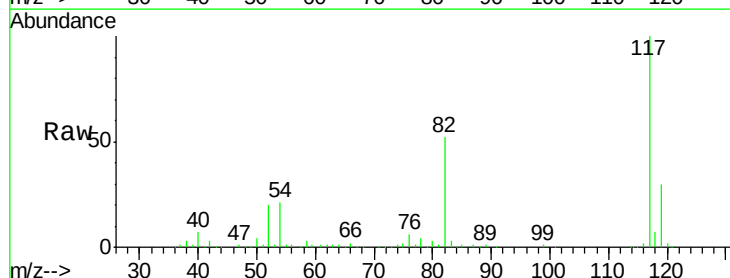
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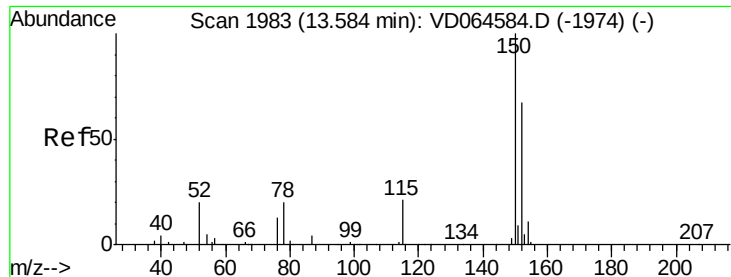
Tgt Ion: 95 Resp: 266993
Ion Ratio Lower Upper
95 100
174 95.0 0.0 193.2
176 91.5 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064666.D
Acq: 28 Dec 2019 03:14

Tgt Ion: 117 Resp: 664692
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 30.5 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: VD064666.D

Acq: 28 Dec 2019 03:14

Instrument :

MSVOA_D

ClientSampleId :

K615-SB2

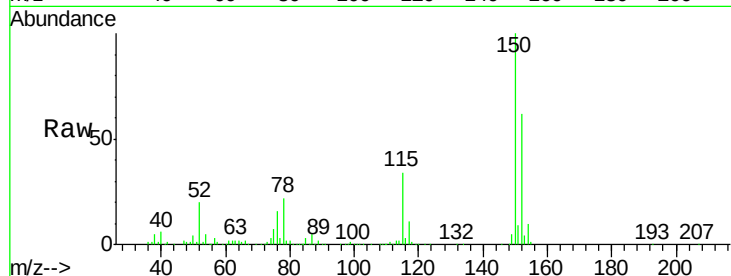
Tgt Ion:152 Resp: 292301

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

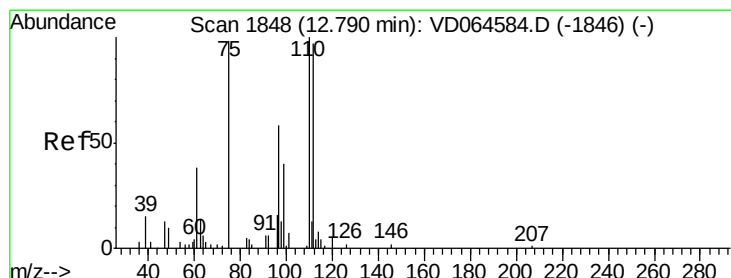
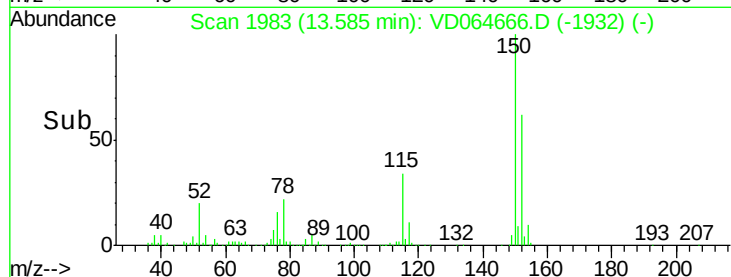
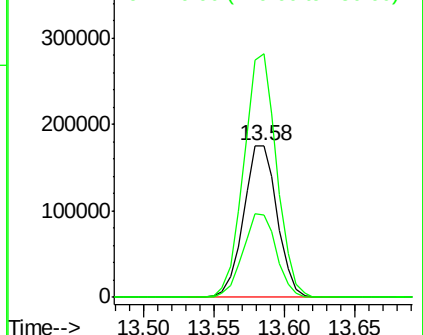
150 156.8 0.0 351.4



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: 60.059 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064666.D

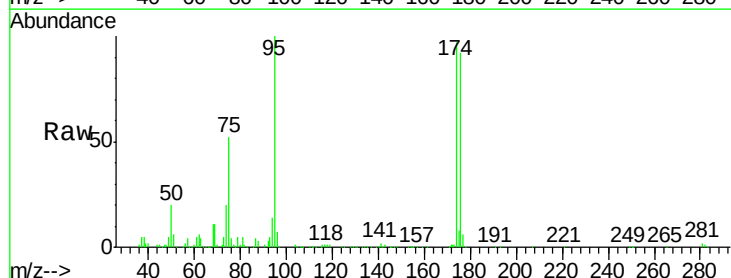
Acq: 28 Dec 2019 03:14

Tgt Ion: 75 Resp: 138627

Ion Ratio Lower Upper

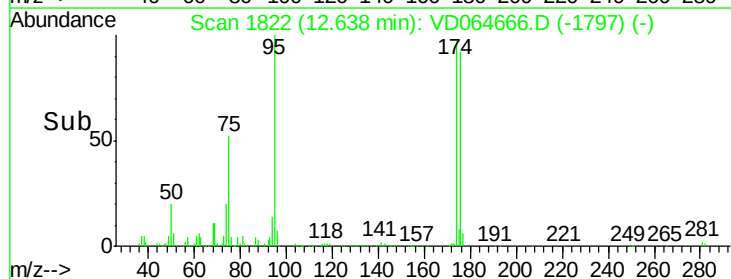
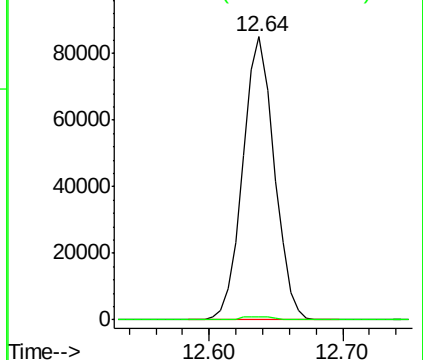
75 100

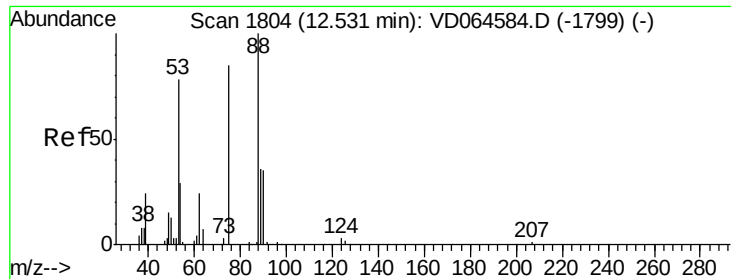
77 1.1 0.0 0.0#



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: 125.611 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064666.D

Acq: 28 Dec 2019 03:14

Instrument :

MSVOA_D

ClientSampleId :

K615-SB2

Tgt Ion: 75 Resp: 138627

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#

