

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064601.D
 Acq On : 26 Dec 2019 16:06
 Operator : VA/SY
 Sample : K6436-05
 Misc : 8.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 27 01:40:51 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

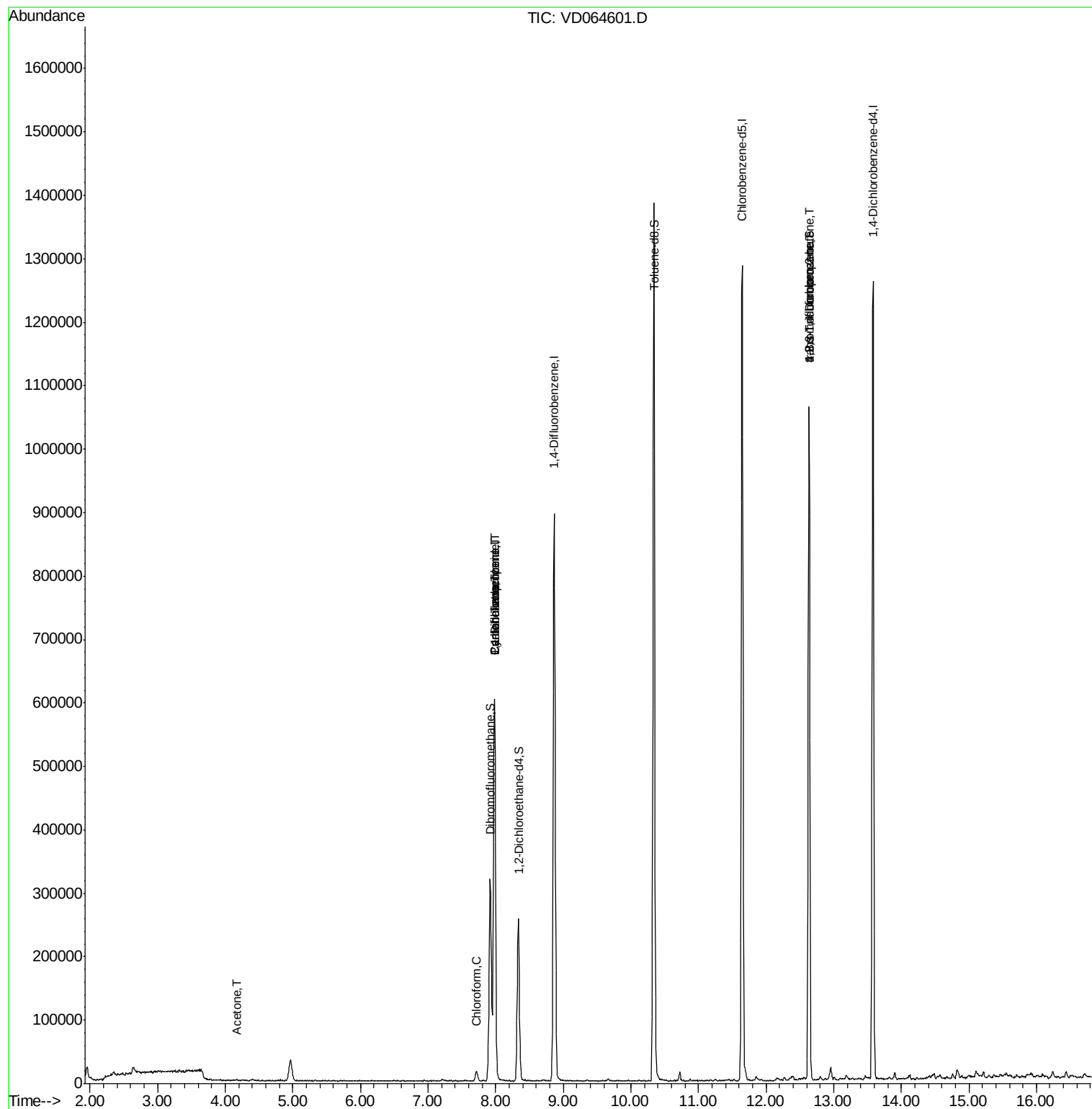
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	479617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	744275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	341177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	203362	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	7.92	113	217878	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
50) Toluene-d8	10.34	98	924841	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.64	95	318944	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
Target Compounds						
16) Acetone	4.17	43	2146	6.311	ug/l #	79
30) Chloroform	7.71	83	14091	1.705	ug/l	98
31) Cyclohexane	7.98	56	9190	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	33696	4.550	ug/l #	51
38) Carbon Tetrachloride	7.98	117	44502	5.636	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	163882	60.829	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	163882	127.222	ug/l #	10

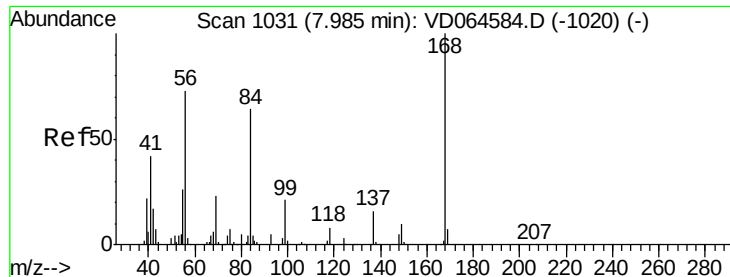
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 8.34G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 27 01:40:51 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# 1031

Delta R.T. 0.00 min

Lab File: VD064601.D

Acq: 26 Dec 2019 16:06

Instrument :

MSVOA_D

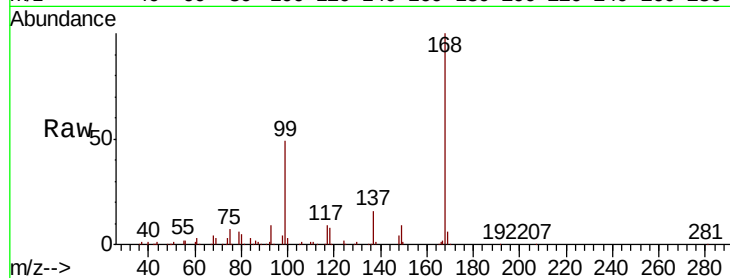
ClientSampleId :

Tot Ion:168 Resp: 479617

Ion Ratio Lower Upper

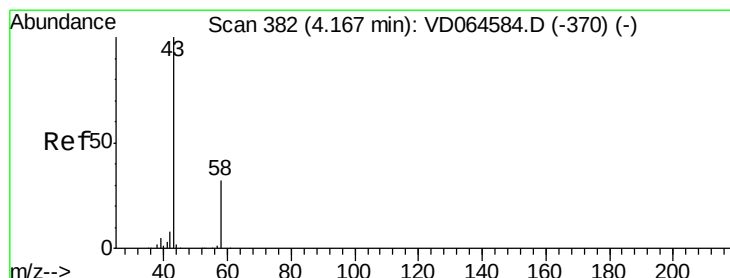
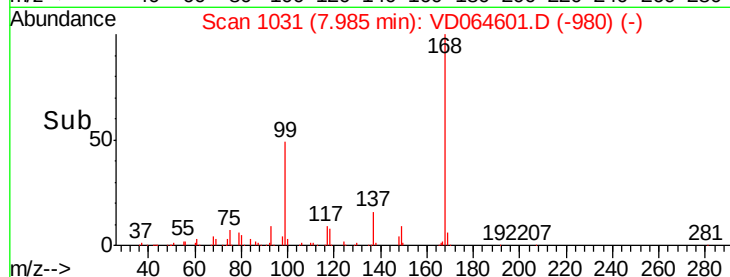
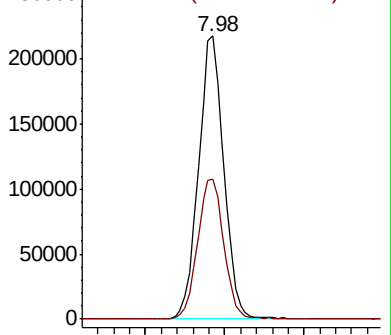
168 100

99 49.4 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 6.311 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064601.D

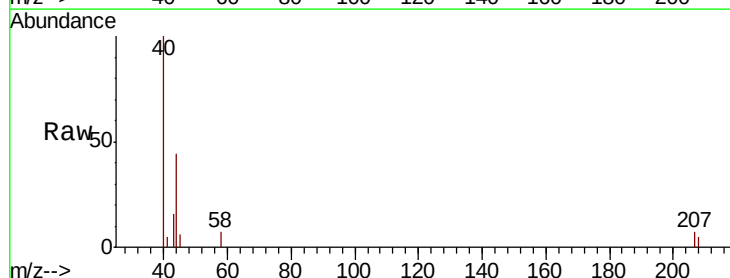
Acq: 26 Dec 2019 16:06

Tgt Ion: 43 Resp: 2146

Ion Ratio Lower Upper

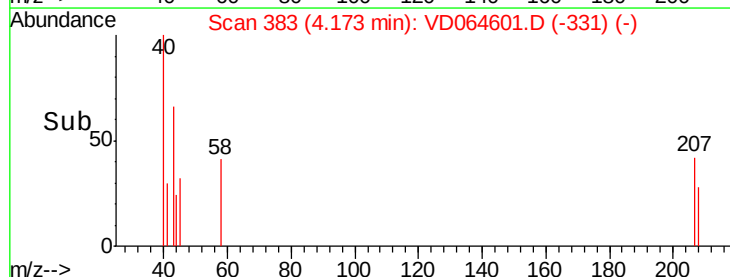
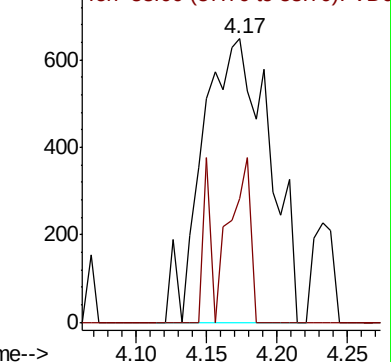
43 100

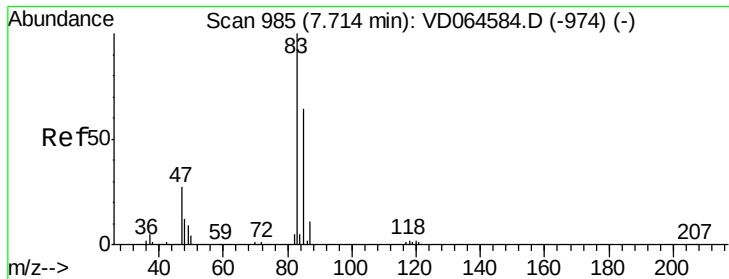
58 43.8 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

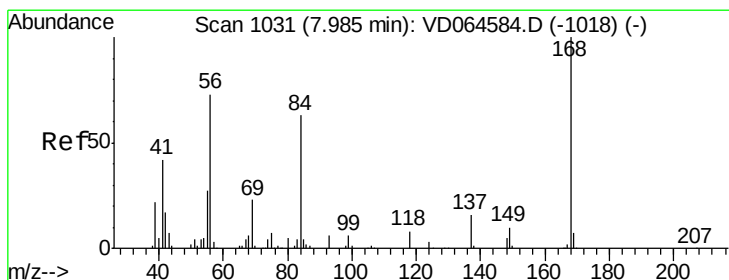
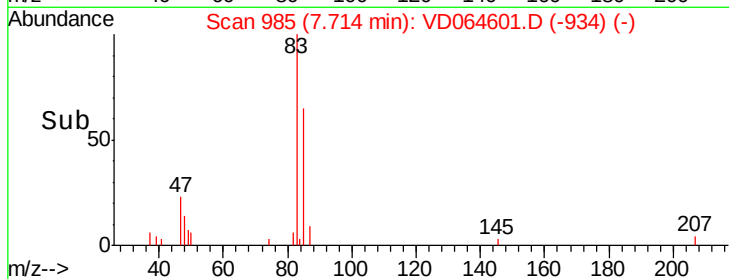
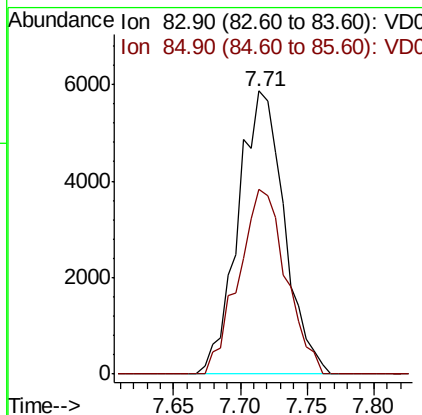
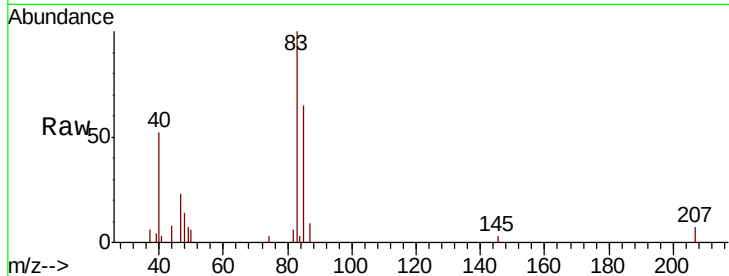




#30
Chloroform
Concen: 1.705 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064601.D
Acq: 26 Dec 2019 16:06

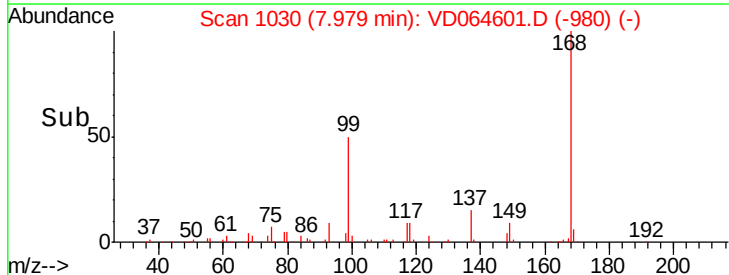
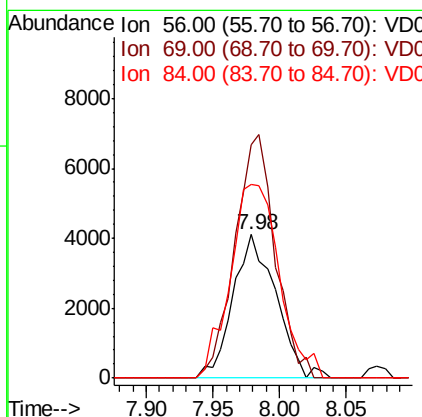
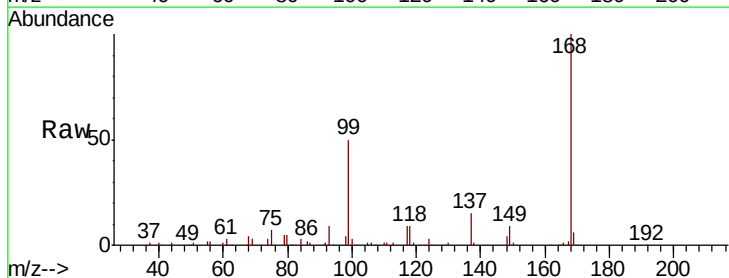
Instrument :
MSVOA_D
ClientSampleId :

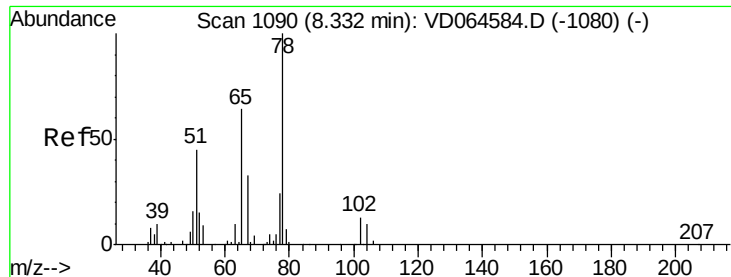
Tot Ion: 83 Resp: 14091
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064601.D
Acq: 26 Dec 2019 16:06

Tgt Ion: 56 Resp: 9190
Ion Ratio Lower Upper
56 100
69 162.2 24.7 37.1#
84 134.7 69.4 104.2#

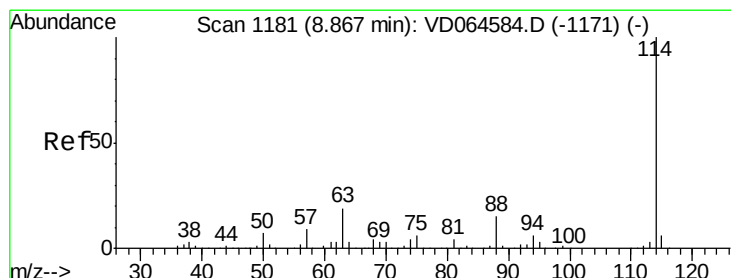
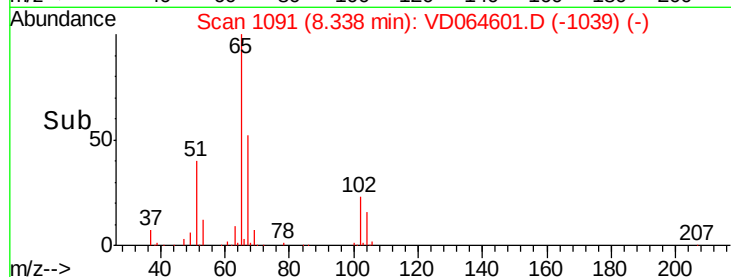
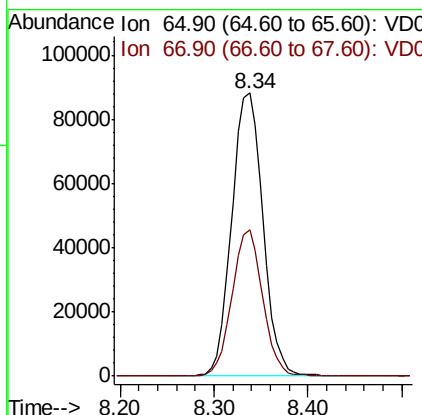
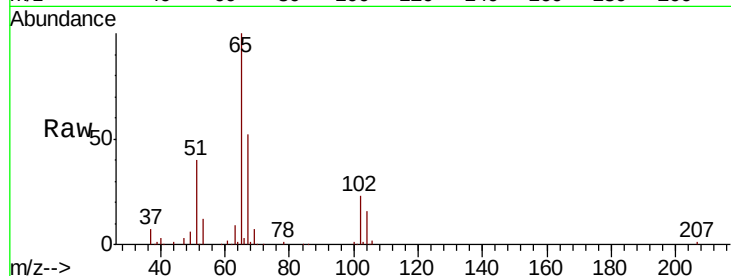




#33
 1,2-Dichloroethane-d4
 Concen: 48.085 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064601.D
 Acq: 26 Dec 2019 16:06

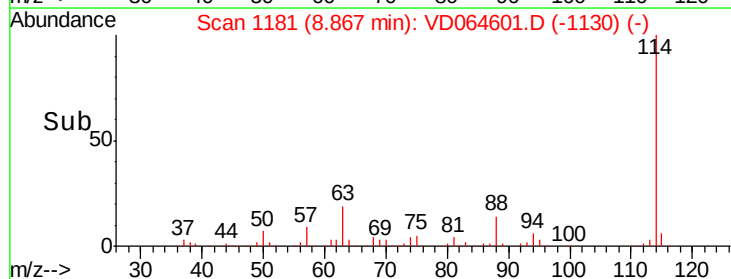
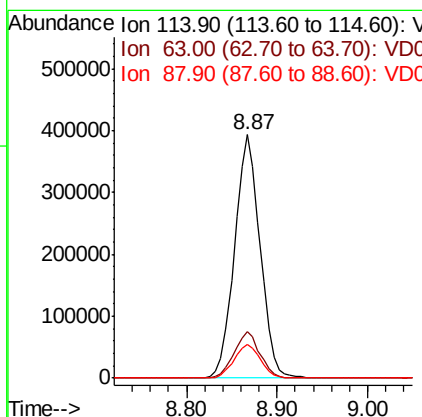
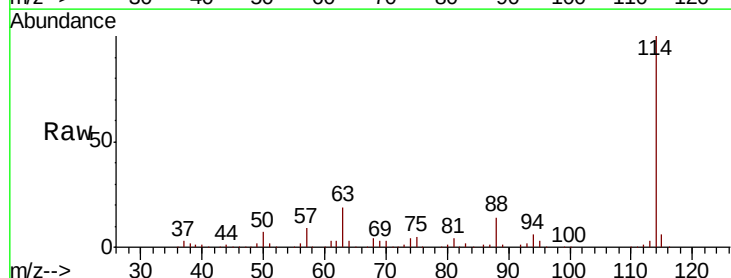
Instrument :
 MSVOA_D
 ClientSampleId :

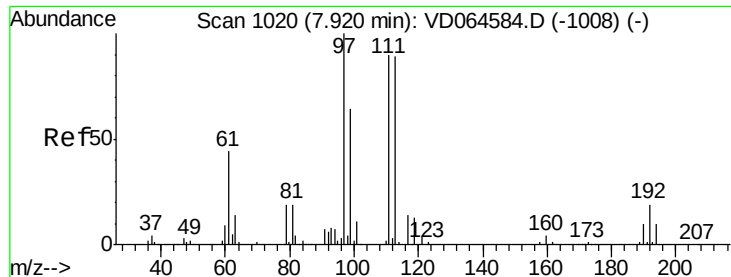
Tot Ion: 65 Resp: 203362
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064601.D
 Acq: 26 Dec 2019 16:06

Tgt Ion: 114 Resp: 769399
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.0
 88 13.8 0.0 29.2

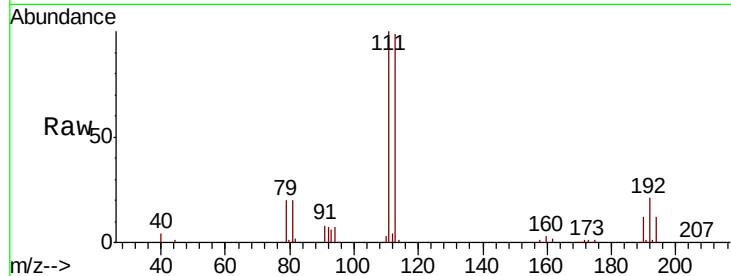




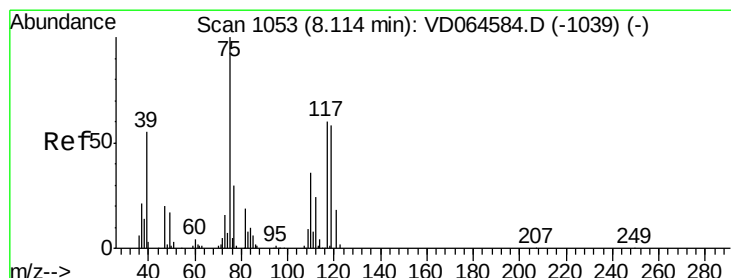
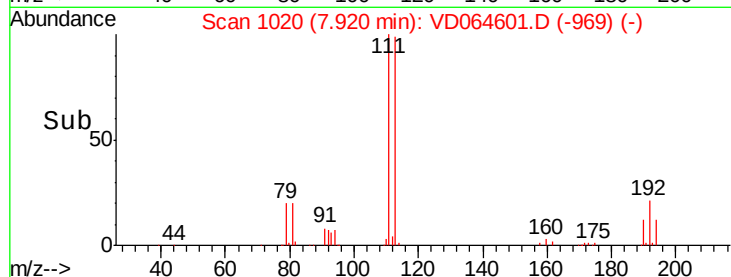
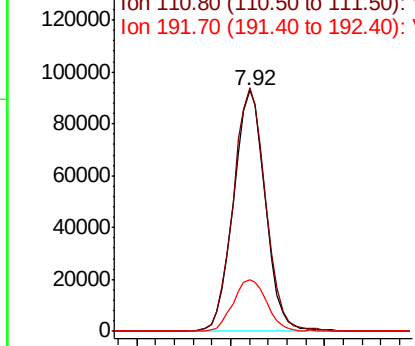
#35
 Dibromofluoromethane
 Concen: 46.157 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064601.D
 Acq: 26 Dec 2019 16:06

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.6	121.0
192	22.8	17.9	26.9

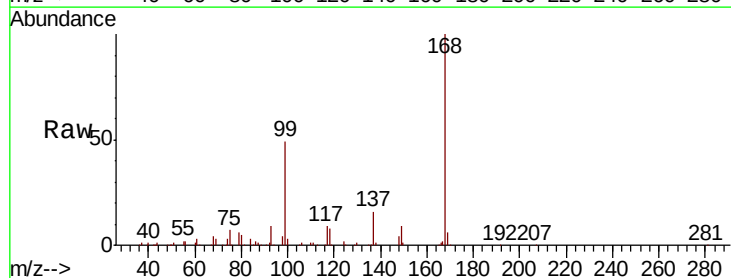


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

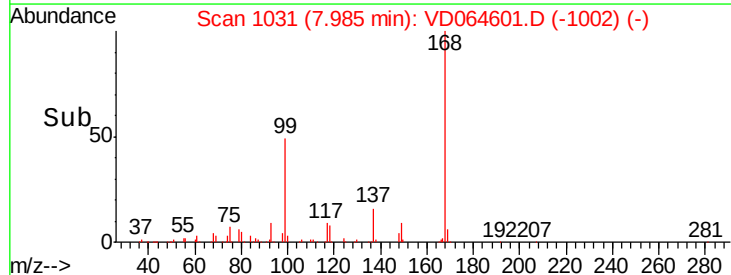
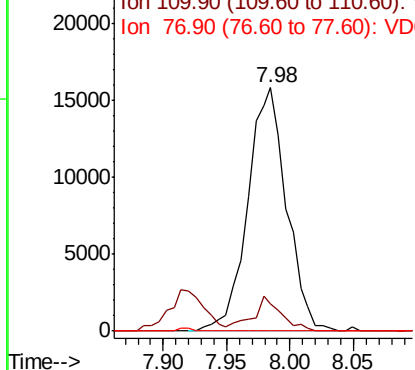


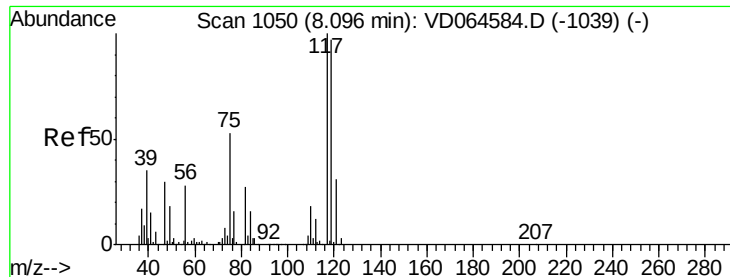
#36
 1,1-Dichloropropene
 Concen: 4.550 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064601.D
 Acq: 26 Dec 2019 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.1#
77	0.0	24.2	36.4#



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: 5.636 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064601.D

Acq: 26 Dec 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

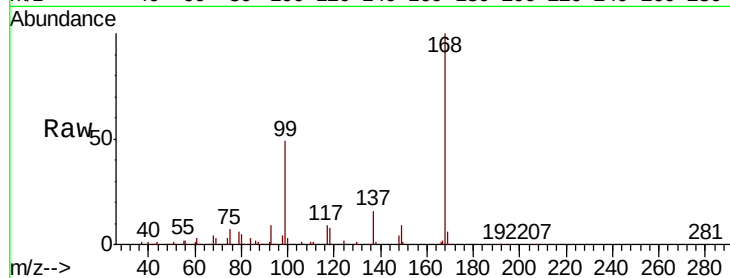
Tot Ion:117 Resp: 44502

Ion Ratio Lower Upper

117 100

119 5.4 77.3 115.9#

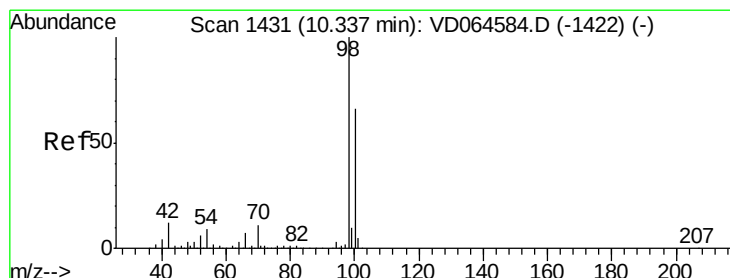
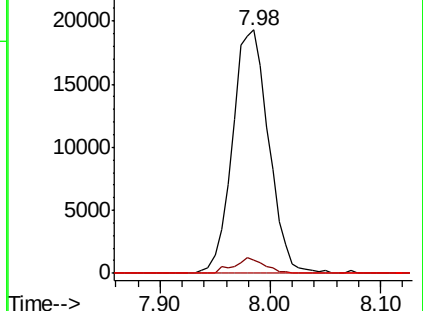
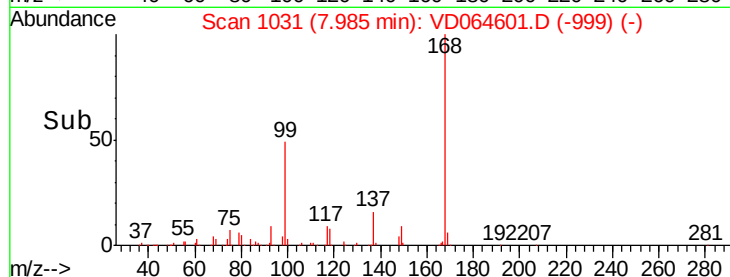
121 0.0 25.0 37.6#



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: 51.157 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064601.D

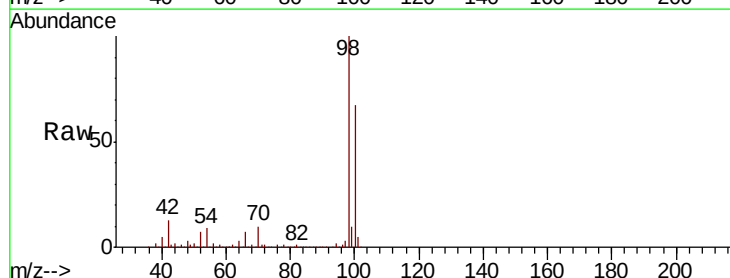
Acq: 26 Dec 2019 16:06

Tgt Ion: 98 Resp: 924841

Ion Ratio Lower Upper

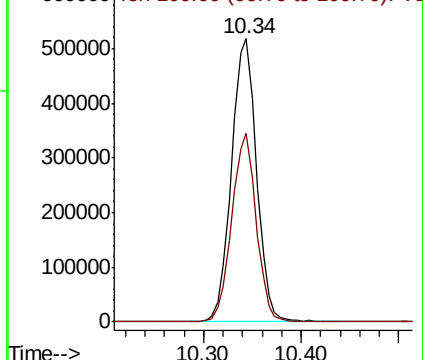
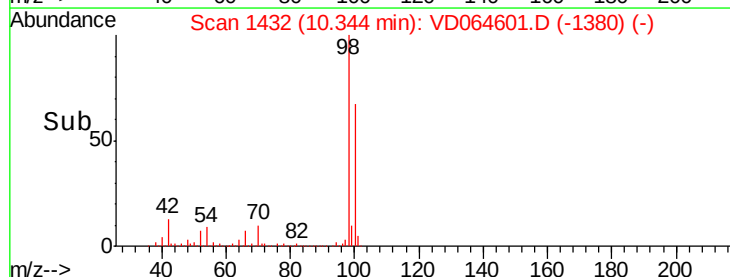
98 100

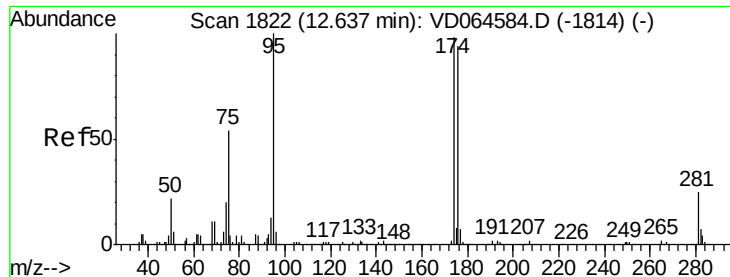
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.792 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064601.D

Acq: 26 Dec 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

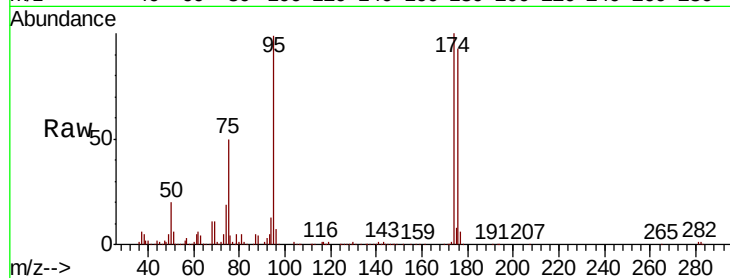
Tot Ion: 95 Resp: 318944

Ion Ratio Lower Upper

95 100

174 95.5 0.0 193.2

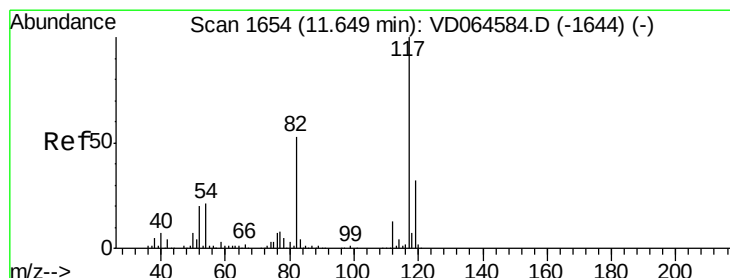
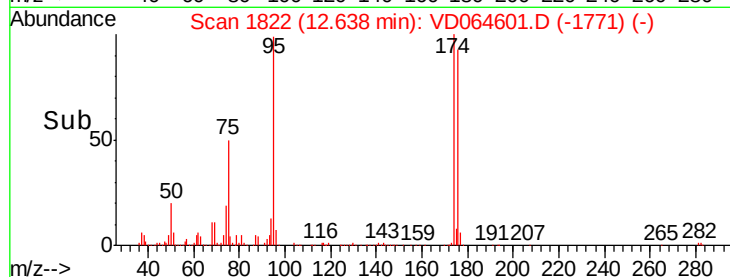
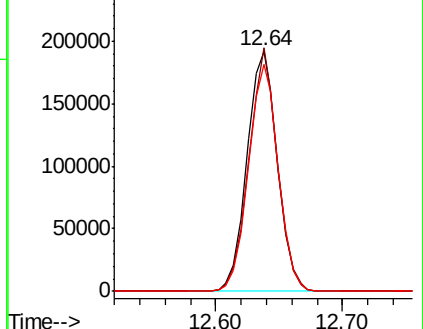
176 92.8 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064601.D

Acq: 26 Dec 2019 16:06

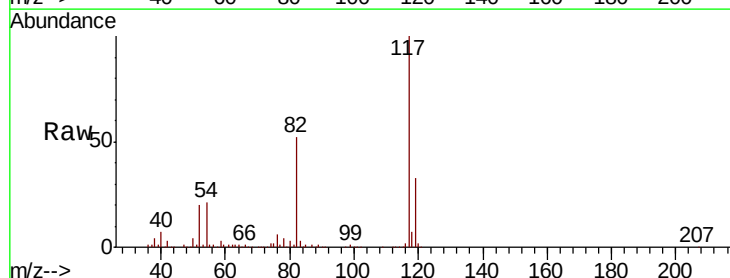
Tgt Ion: 117 Resp: 744275

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.4

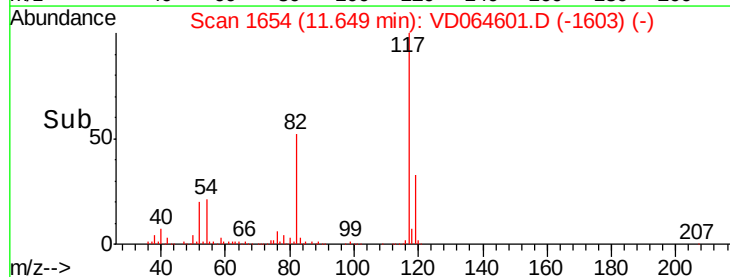
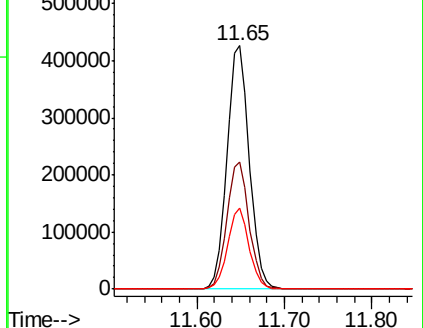
119 33.2 26.0 39.0

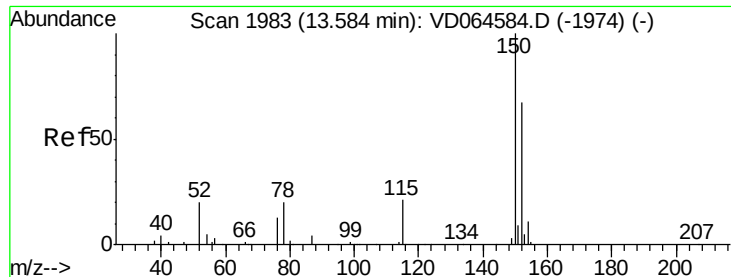


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064601.D

Acq: 26 Dec 2019 16:06

Instrument :

MSVOA_D

ClientSampled :

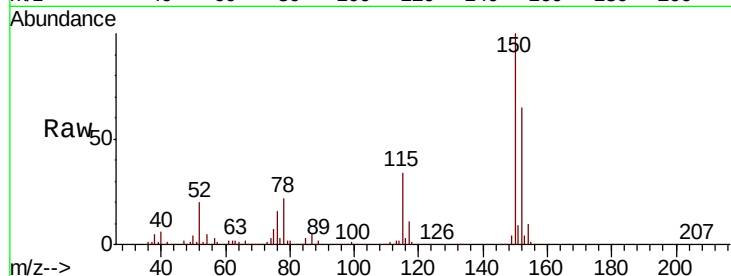
Tot Ion:152 Resp: 341177

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

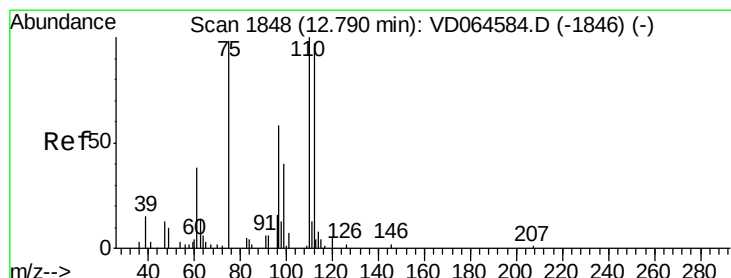
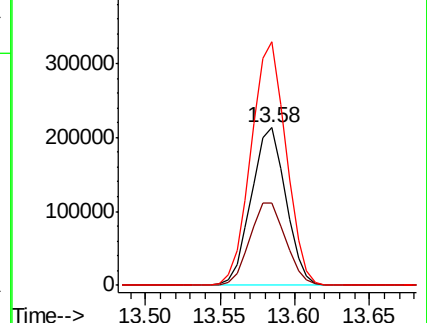
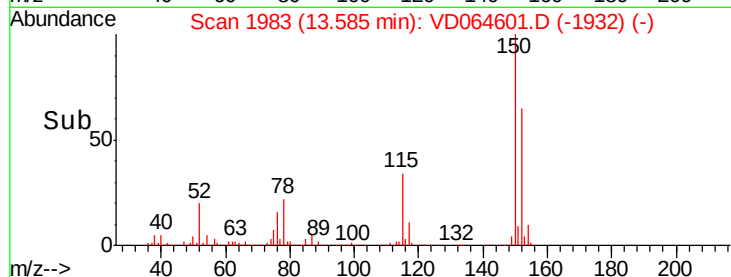
150 156.2 0.0 351.4



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: 60.829 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064601.D

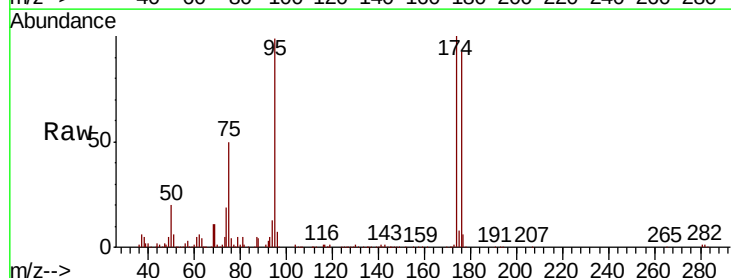
Acq: 26 Dec 2019 16:06

Tgt Ion: 75 Resp: 163882

Ion Ratio Lower Upper

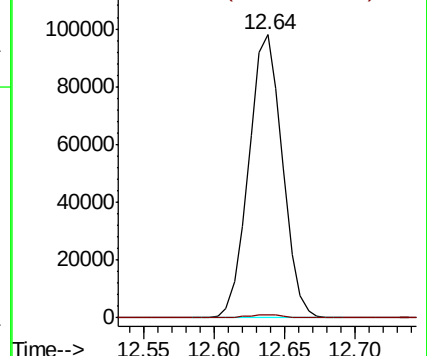
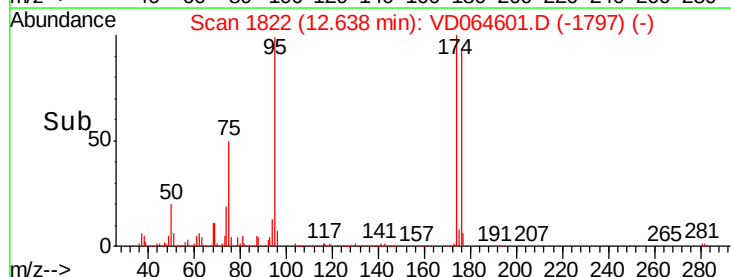
75 100

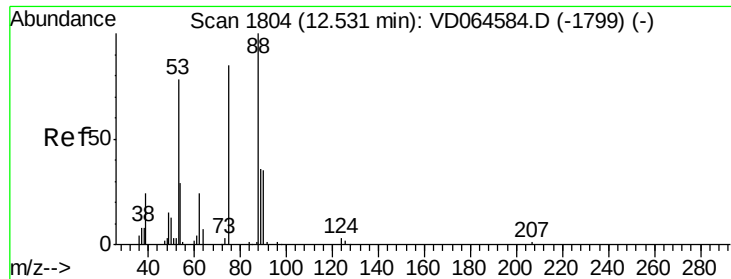
77 1.2 0.0 0.0#



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: 127.222 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064601.D

Acq: 26 Dec 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

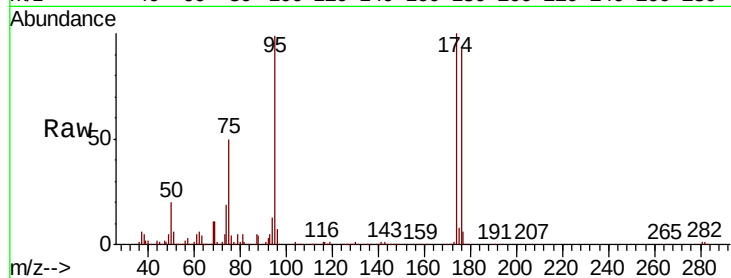
Tot Ion: 75 Resp: 163882

Ion Ratio Lower Upper

75 100

53 0.0 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

