

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064739.D
 Acq On : 03 Jan 2020 17:32
 Operator : VA/SY
 Sample : K6471-01
 Misc : 6.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:47:55 2020
 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

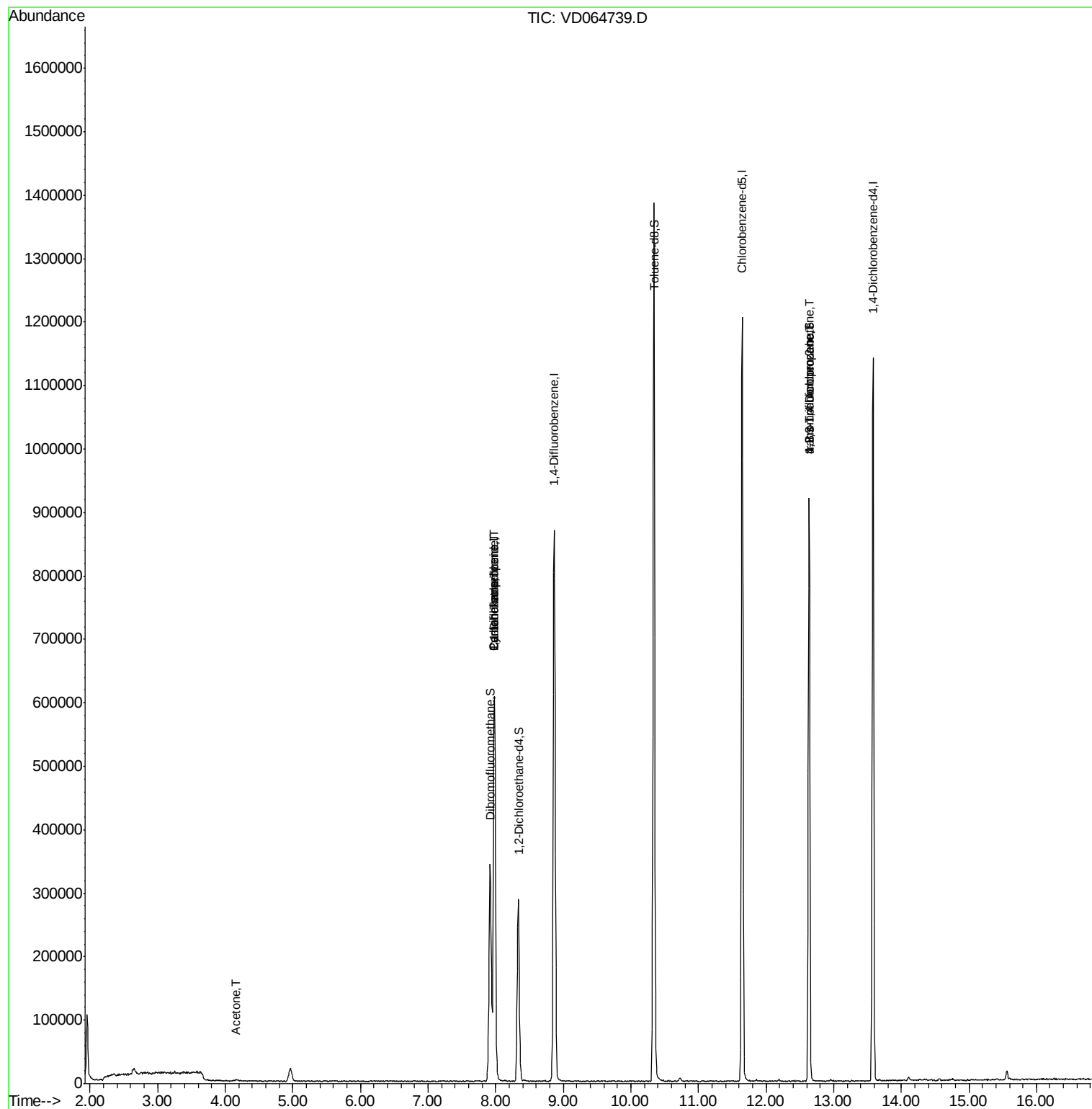
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	489477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	763427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	669814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	303173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	226641	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	7.92	113	233610	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.34	98	924660	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.64	95	265423	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	1975	6.103	ug/l #	68
20) Methylene Chloride	4.96	84	14846	Below Cal	#	89
31) Cyclohexane	7.98	56	9780	1.215	ug/l #	35
36) 1,1-Dichloropropene	7.98	75	34414	4.683	ug/l #	51
38) Carbon Tetrachloride	7.98	117	46641	5.953	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	145489	60.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	145489	127.101	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010320\
Data File : VD064739.D
Acq On : 03 Jan 2020 17:32
Operator : VA/SY
Sample : K6471-01
Misc : 6.98G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 06 06:47:55 2020
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: VD064739.D

Acq: 03 Jan 2020 17:32

Instrument :

MSVOA_D

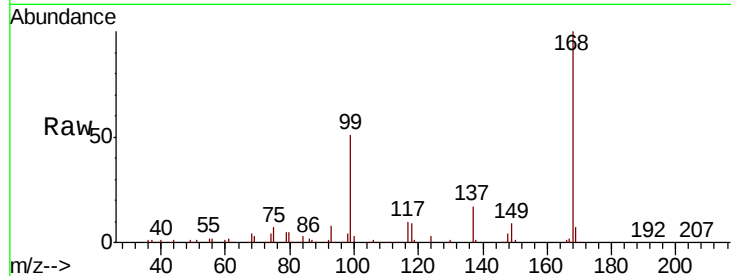
ClientSampleId :

Tot Ion:168 Resp: 489477

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

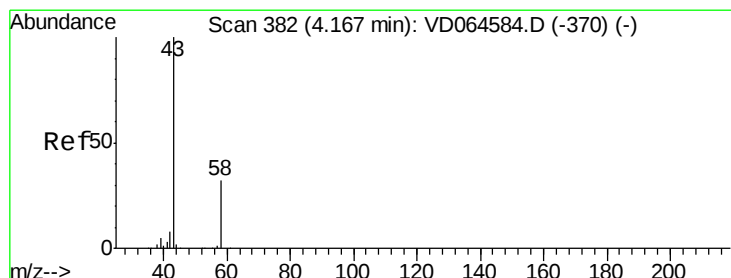
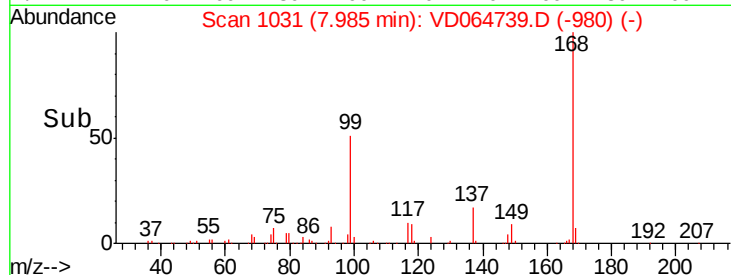
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.103 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064739.D

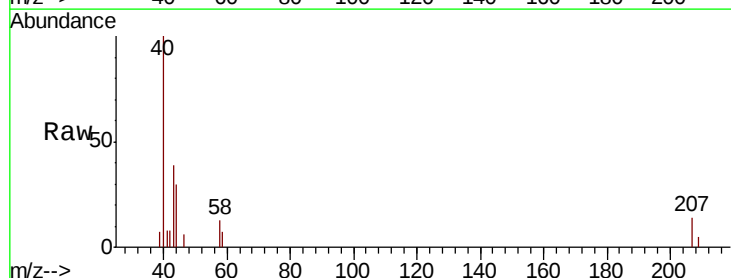
Acq: 03 Jan 2020 17:32

Tgt Ion: 43 Resp: 1975

Ion Ratio Lower Upper

43 100

58 50.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

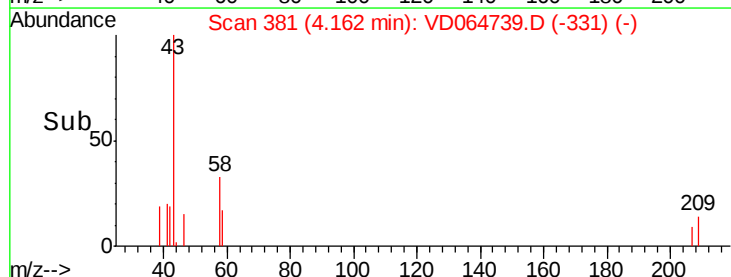
4.16

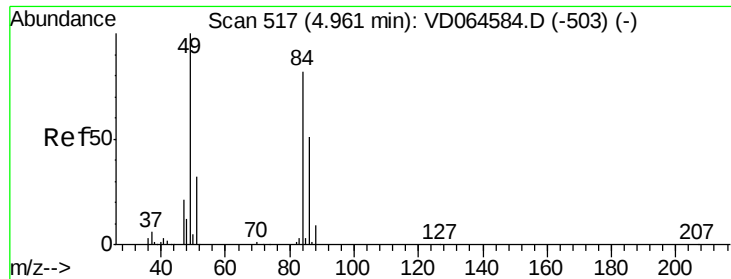
1000

500

0

Time-->

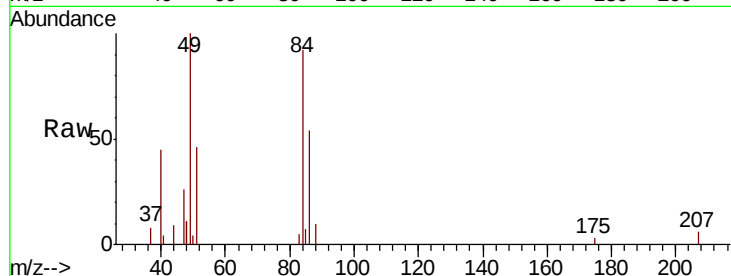




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064739.D
Acq: 03 Jan 2020 17:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	84	Resp	14846
Ion	Ratio	Lower	Upper
84	100		
49	108.3	97.2	145.8
51	49.6	31.4	47.0#
86	58.4	49.3	73.9



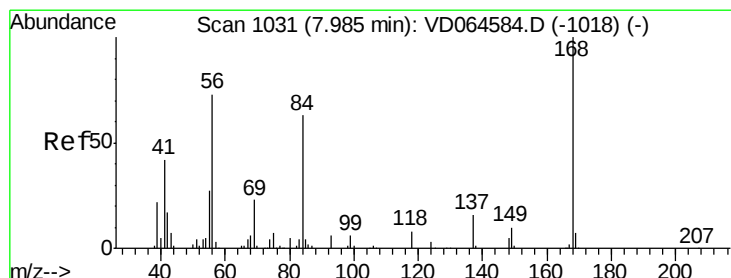
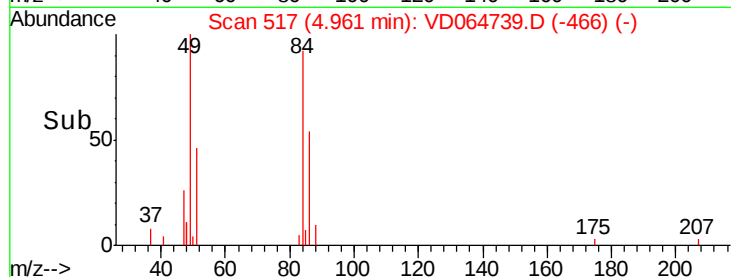
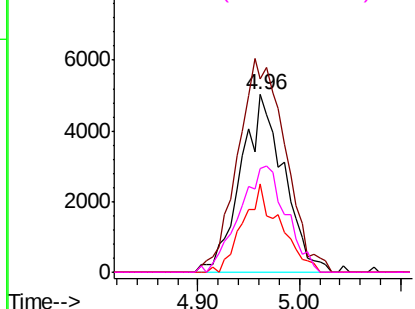
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

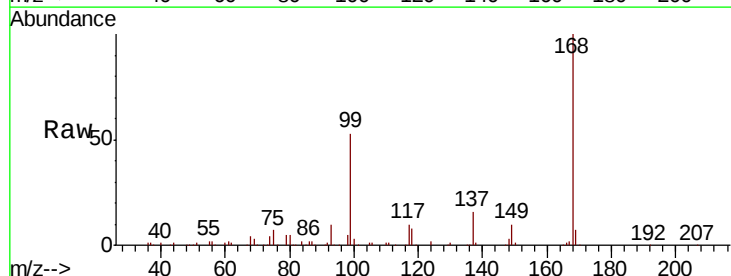
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064739.D
Acq: 03 Jan 2020 17:32

Tgt Ion	56	Resp	9780
Ion	Ratio	Lower	Upper
56	100		
69	134.6	24.7	37.1#
84	105.7	69.4	104.2#

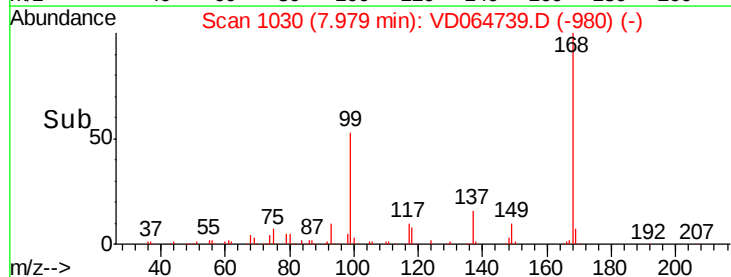
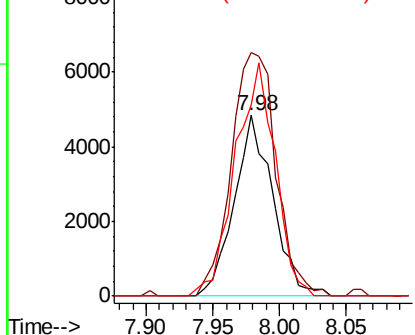


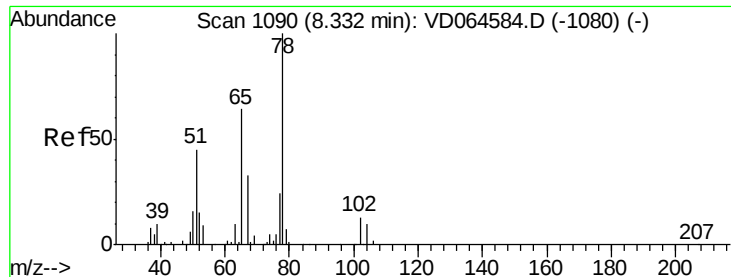
Abundance

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

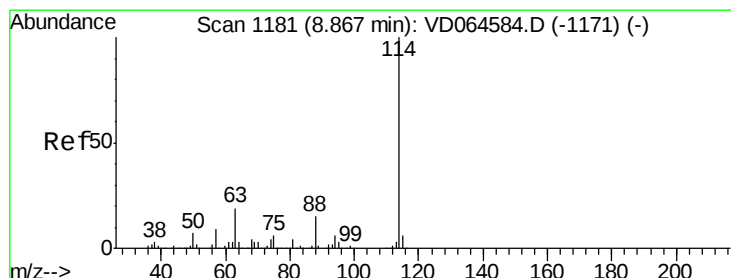
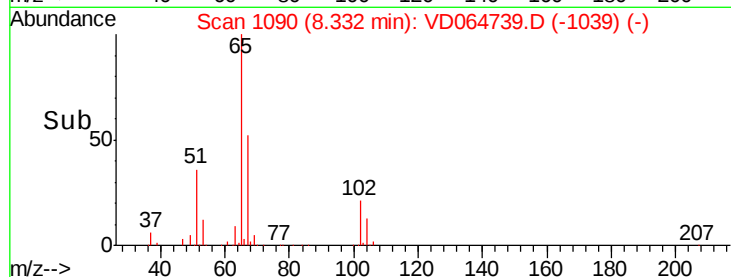
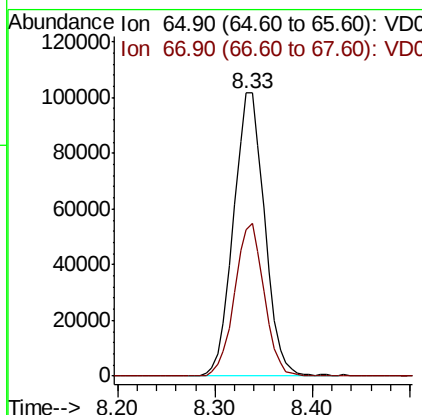
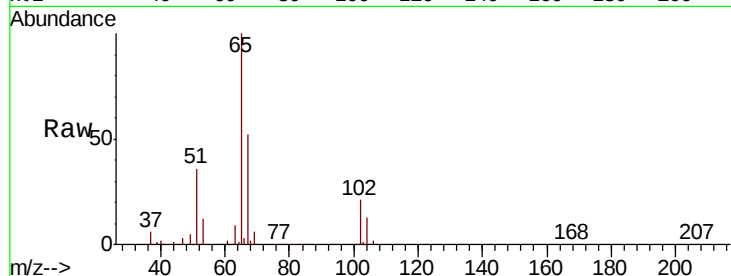




#33
 1,2-Dichloroethane-d4
 Concen: 52.510 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064739.D
 Acq: 03 Jan 2020 17:32

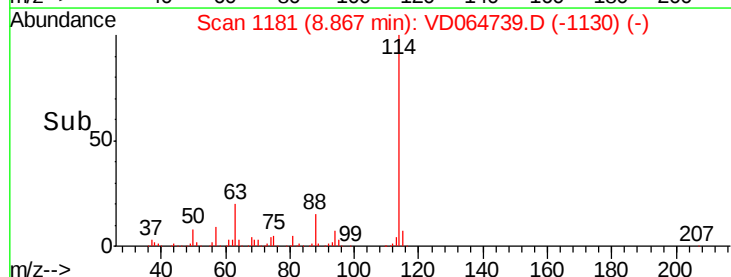
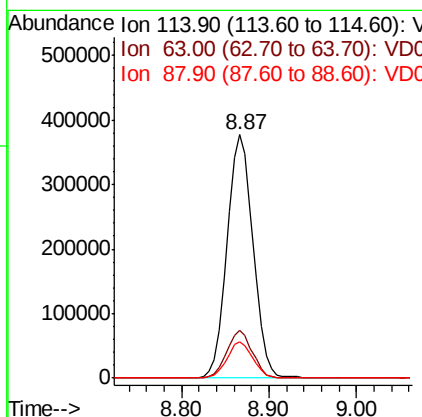
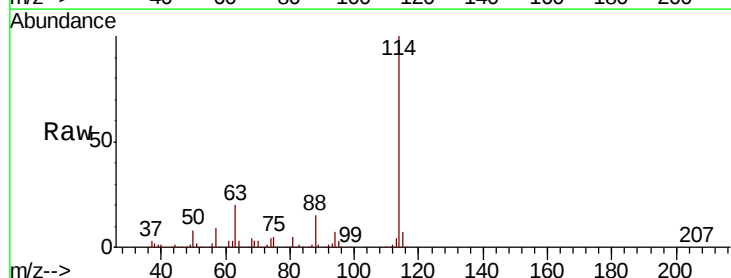
Instrument :
 MSVOA_D
 ClientSampleId :

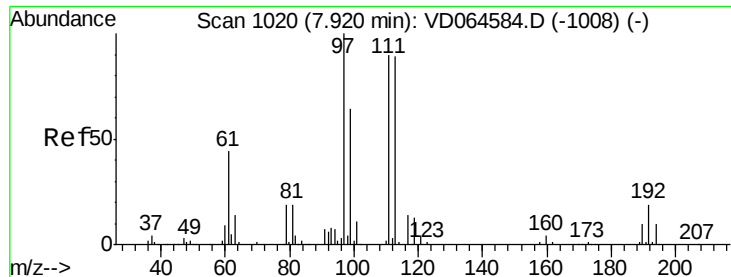
Tot Ion: 65 Resp: 226641
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064739.D
 Acq: 03 Jan 2020 17:32

Tgt Ion: 114 Resp: 763427
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 14.8 0.0 29.2

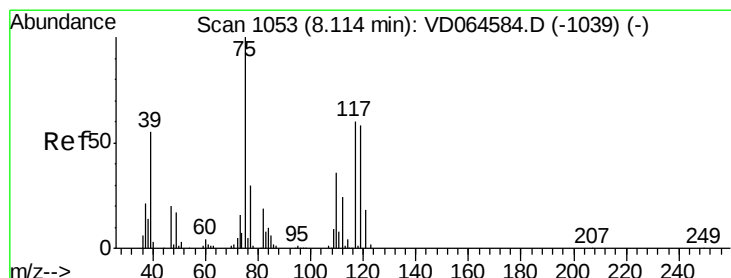
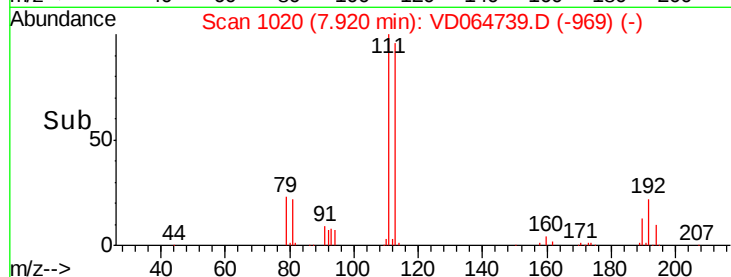
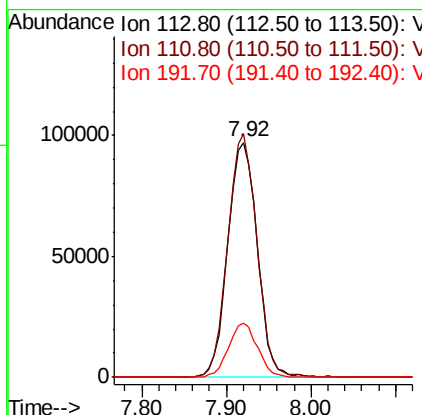
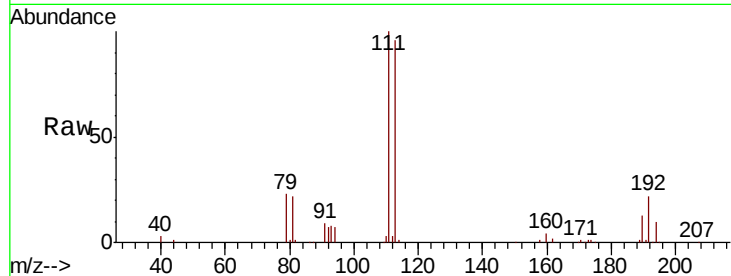




#35
 Dibromofluoromethane
 Concen: 49.877 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064739.D
 Acq: 03 Jan 2020 17:32

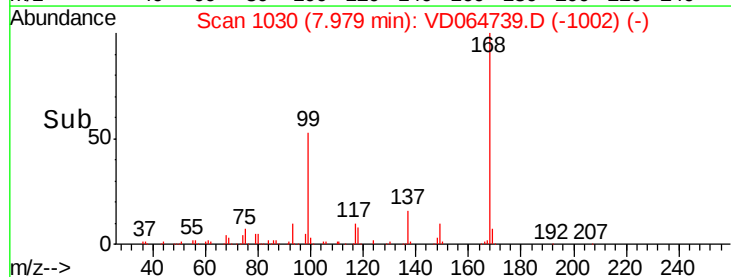
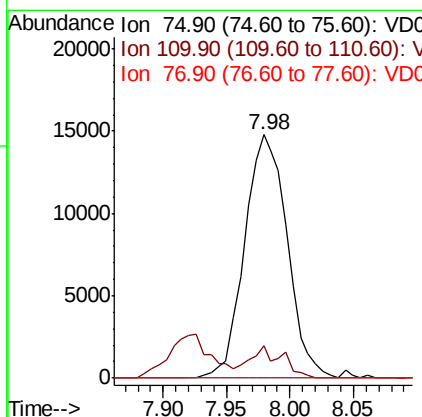
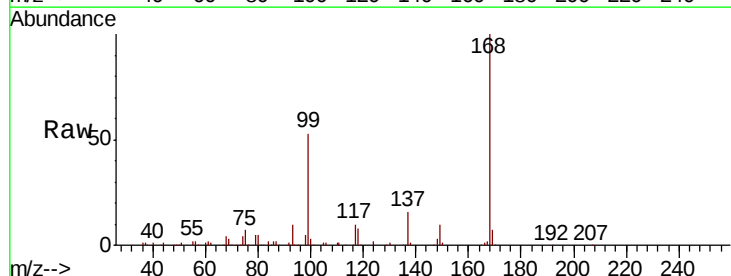
Instrument :
 MSVOA_D
 ClientSampled :

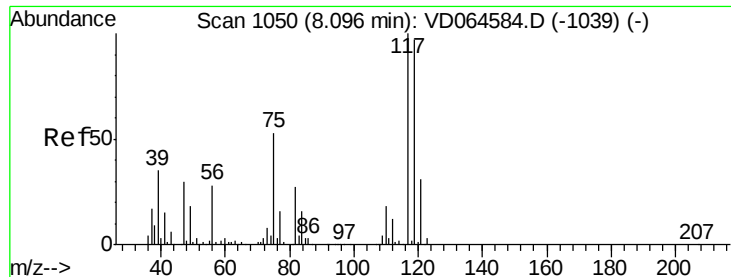
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.6	121.0
192	22.5	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.683 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064739.D
 Acq: 03 Jan 2020 17:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.1#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.953 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064739.D

Acq: 03 Jan 2020 17:32

Instrument :

MSVOA_D

ClientSampled :

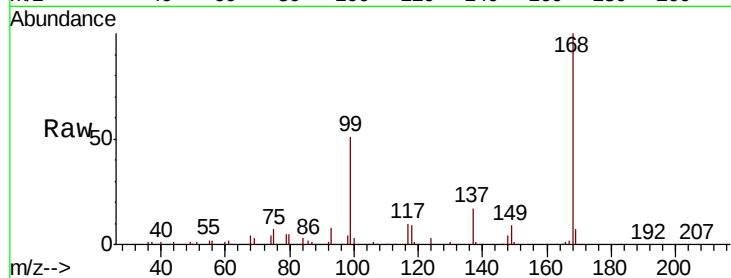
Tot Ion:117 Resp: 46641

Ion Ratio Lower Upper

117 100

119 5.4 77.3 115.9#

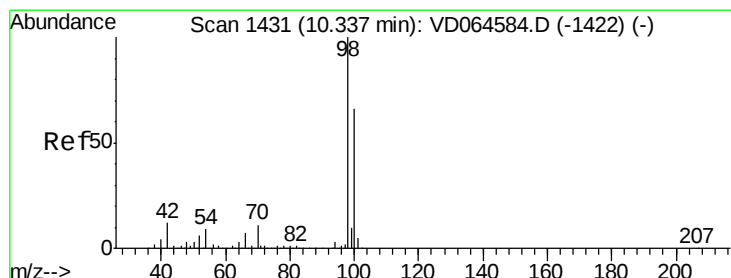
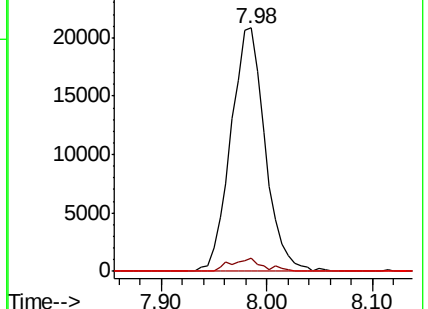
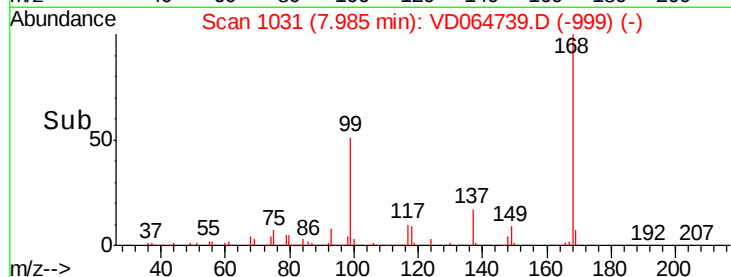
121 0.0 25.0 37.6#



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: 51.547 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064739.D

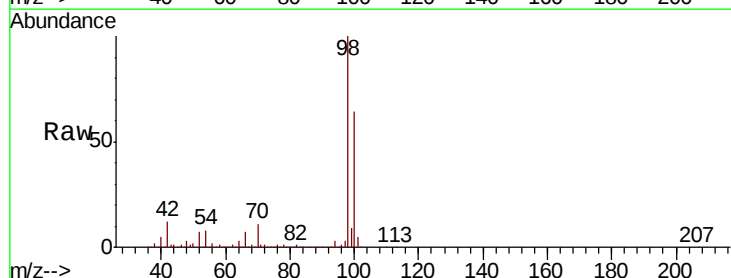
Acq: 03 Jan 2020 17:32

Tgt Ion: 98 Resp: 924660

Ion Ratio Lower Upper

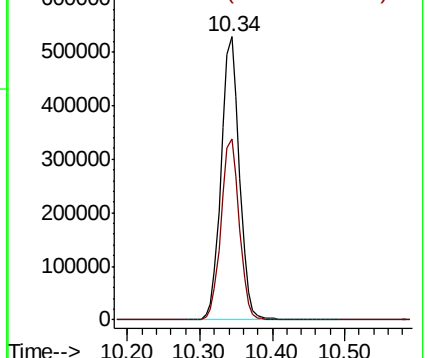
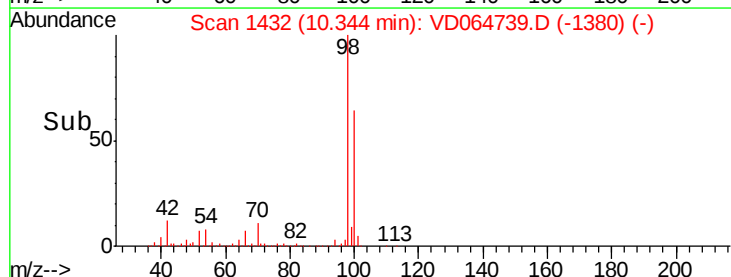
98 100

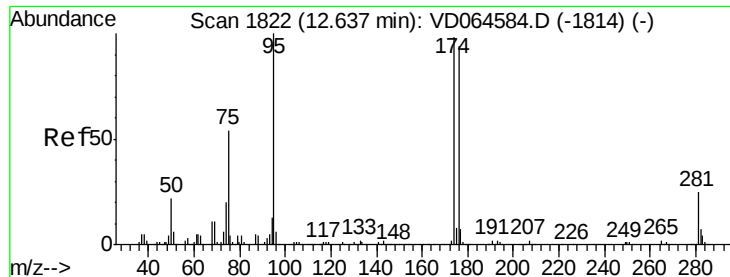
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.793 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064739.D

Acq: 03 Jan 2020 17:32

Instrument :

MSVOA_D

ClientSampleId :

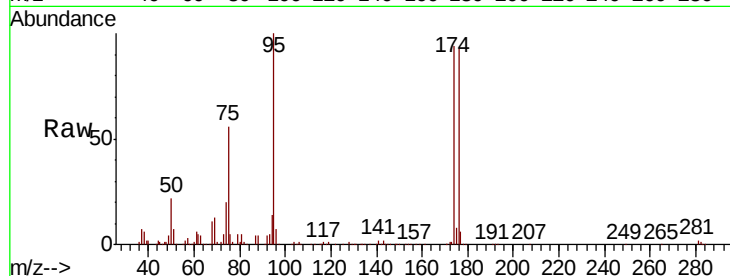
Tot Ion: 95 Resp: 265423

Ion Ratio Lower Upper

95 100

174 95.4 0.0 193.2

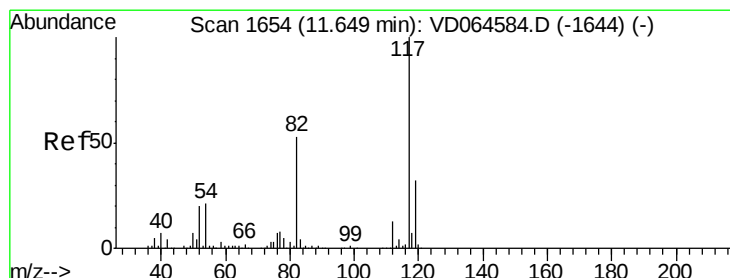
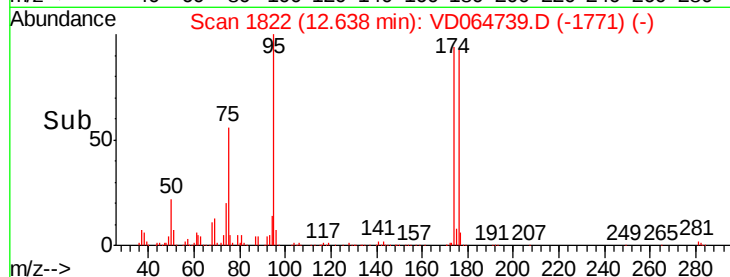
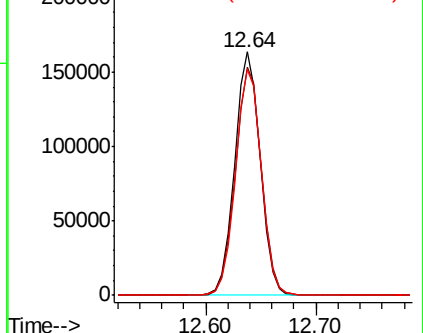
176 94.1 0.0 184.2



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: VD064739.D

Acq: 03 Jan 2020 17:32

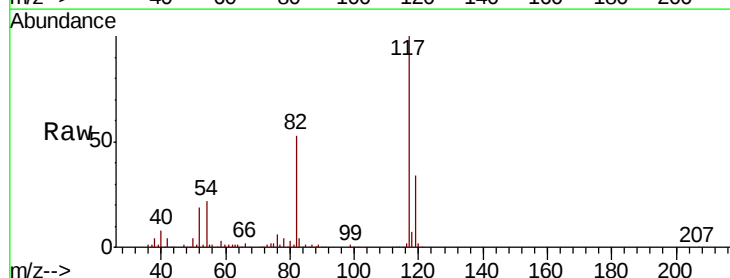
Tgt Ion: 117 Resp: 669814

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.4

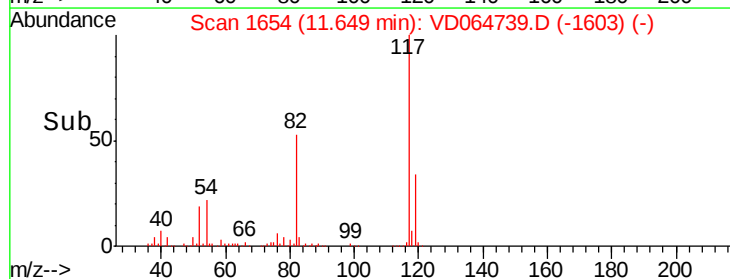
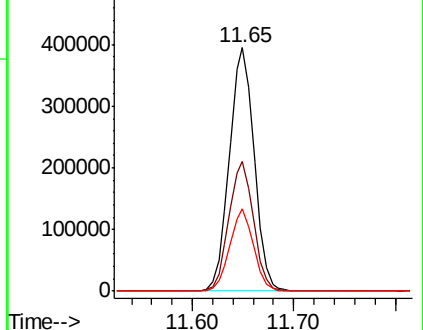
119 33.9 26.0 39.0

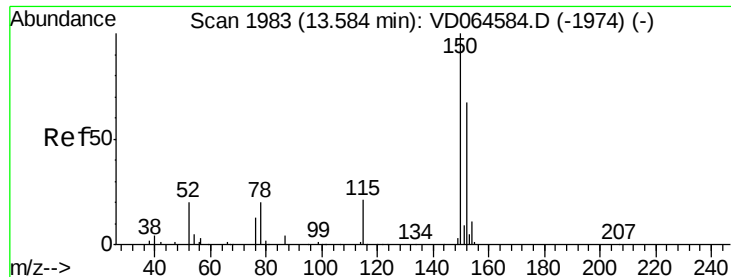


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064739.D

Acq: 03 Jan 2020 17:32

Instrument :

MSVOA_D

ClientSampleId :

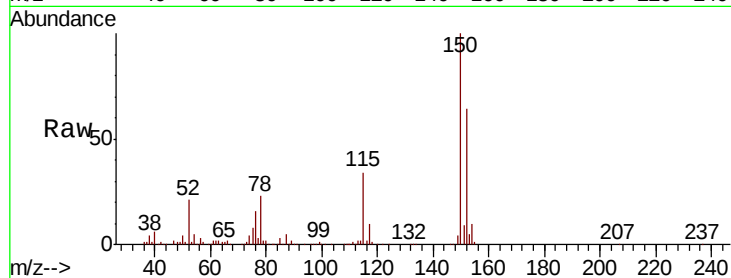
Tot Ion:152 Resp: 303173

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

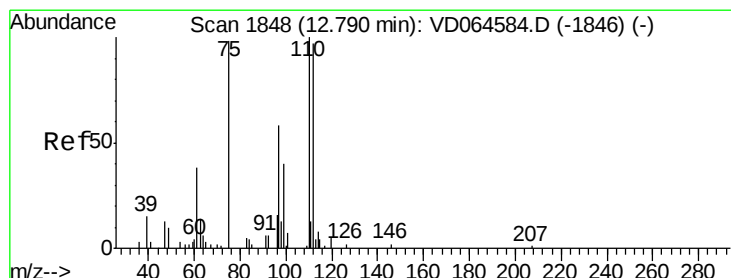
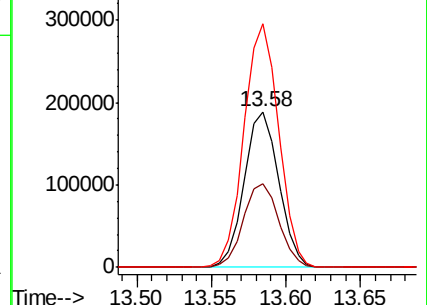
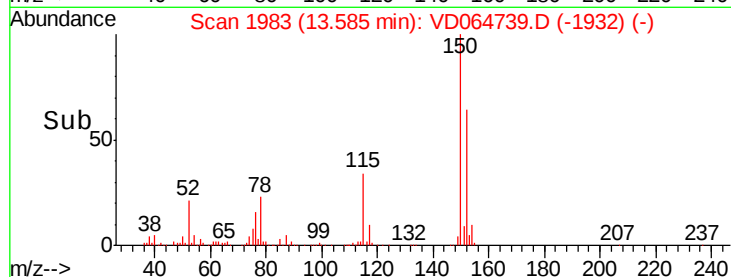
150 157.3 0.0 351.4



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: 60.771 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064739.D

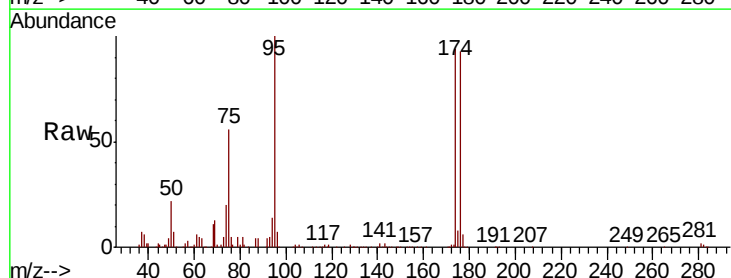
Acq: 03 Jan 2020 17:32

Tgt Ion: 75 Resp: 145489

Ion Ratio Lower Upper

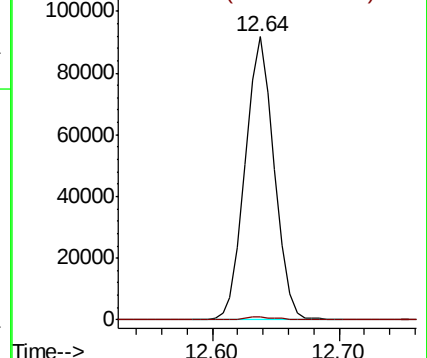
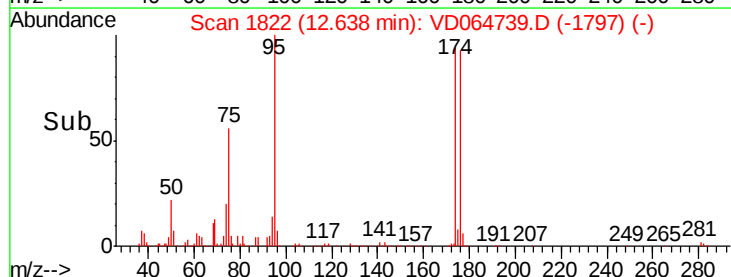
75 100

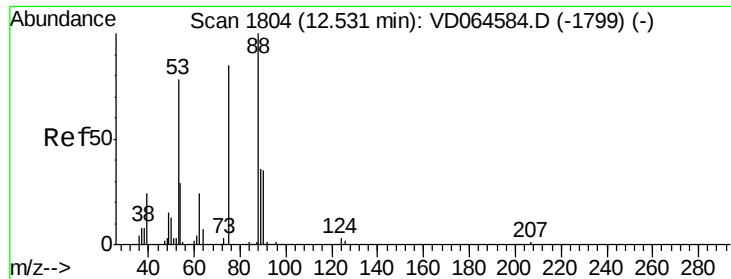
77 1.2 0.0 0.0#



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: 127.101 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064739.D

Acq: 03 Jan 2020 17:32

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 145489

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#

