

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064817.D
 Acq On : 09 Jan 2020 15:20
 Operator : VA/SY
 Sample : L1051-04
 Misc : 7.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 16:20:14 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

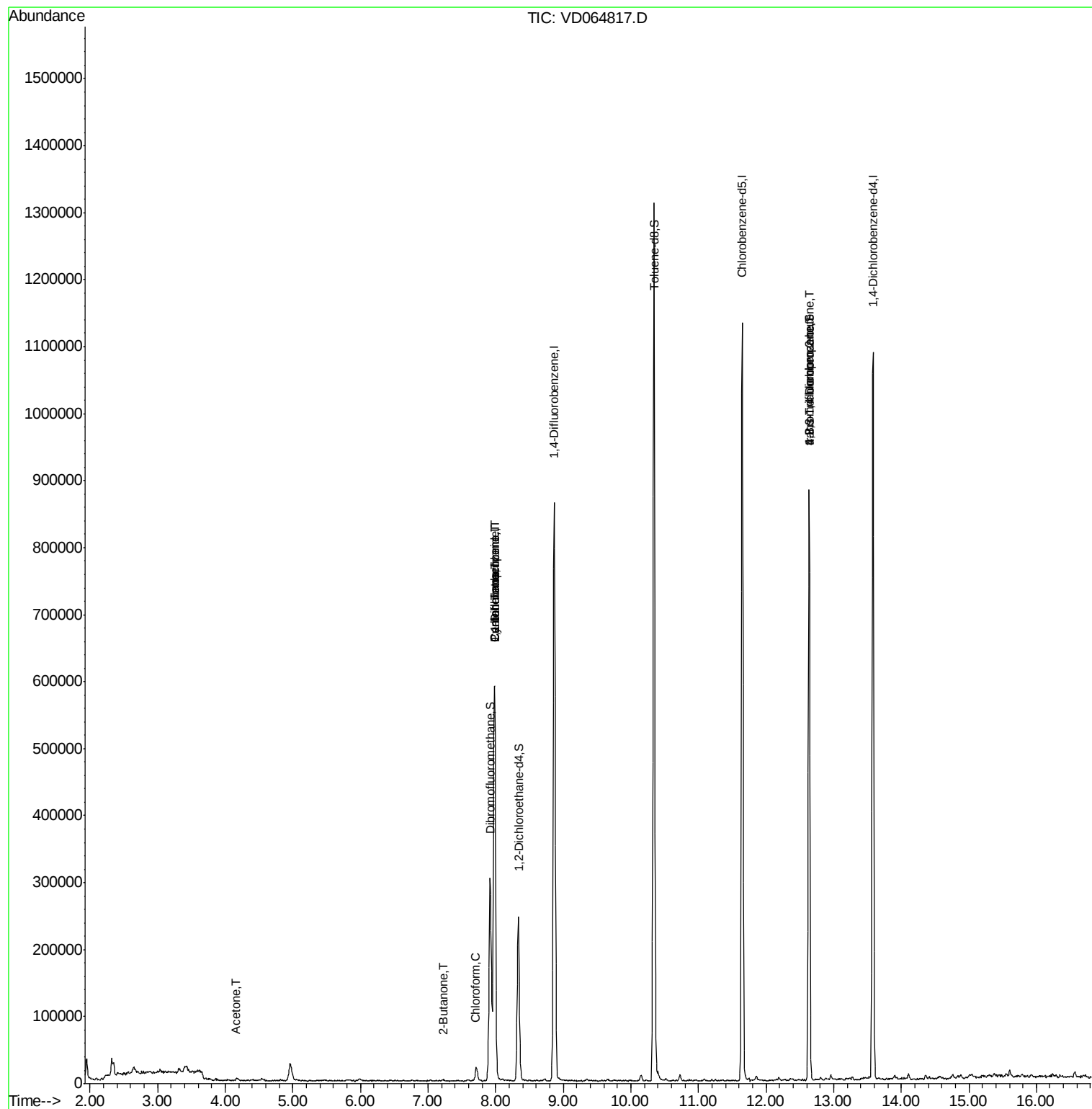
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	471944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	727280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	631486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	193123	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
35) Dibromofluoromethane	7.92	113	212685	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
50) Toluene-d8	10.34	98	869839	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.64	95	255233	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	4933	9.144	ug/l #	76
20) Methylene Chloride	4.97	84	18758	Below Cal		90
25) 2-Butanone	7.23	43	1182	1.033	ug/l #	89
30) Chloroform	7.71	83	17904	2.201	ug/l	88
31) Cyclohexane	7.98	56	10074	1.298	ug/l #	4
36) 1,1-Dichloropropene	7.98	75	34152	4.879	ug/l #	50
38) Carbon Tetrachloride	7.98	117	45468	6.092	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	138904	61.198	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	138904	127.993	ug/l #	10

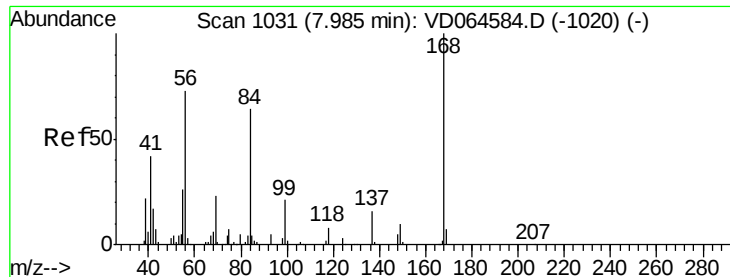
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010920\
Data File : VD064817.D
Acq On : 09 Jan 2020 15:20
Operator : VA/SY
Sample : L1051-04
Misc : 7.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 09 16:20:14 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: VD064817.D

Acq: 09 Jan 2020 15:20

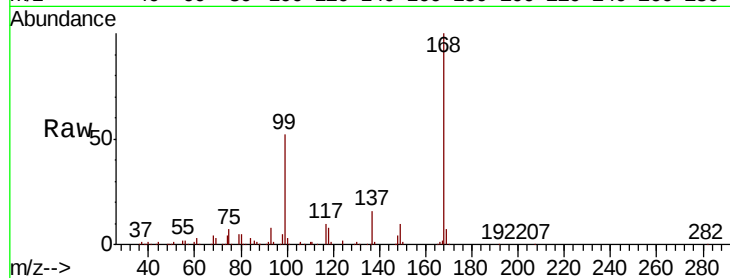
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 471944

Ion Ratio Lower Upper

168 100

99 52.2 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

200000

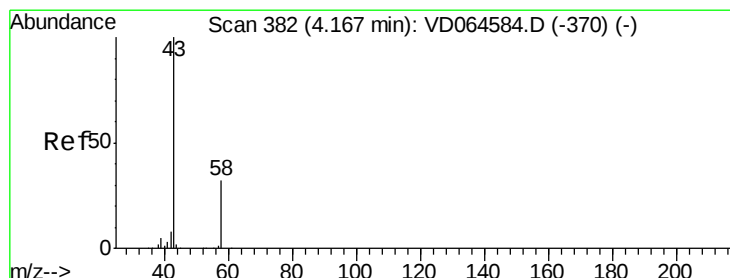
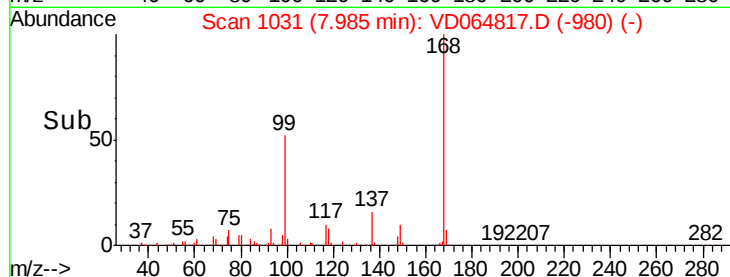
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.144 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064817.D

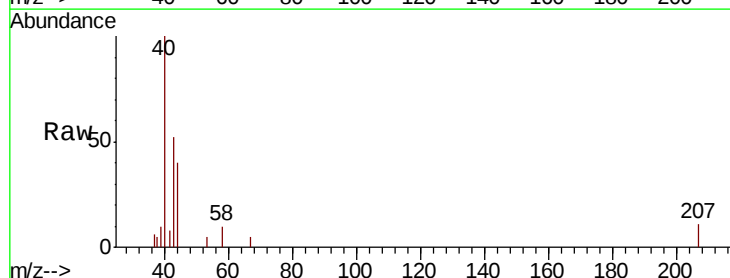
Acq: 09 Jan 2020 15:20

Tgt Ion: 43 Resp: 4933

Ion Ratio Lower Upper

43 100

58 18.5 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

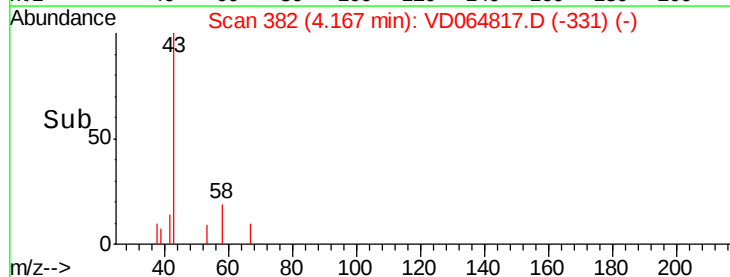
1500

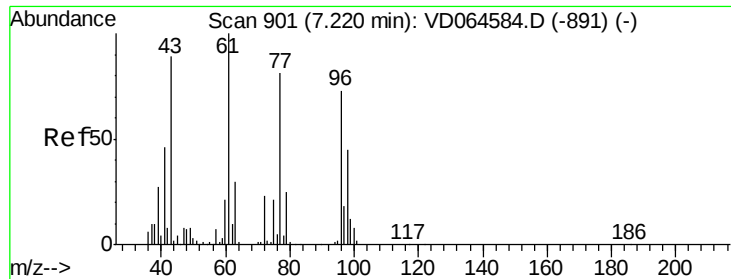
1000

500

0

Time-->





#25

2-Butanone

Concen: 1.033 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD064817.D

Acq: 09 Jan 2020 15:20

Instrument :

MSVOA_D

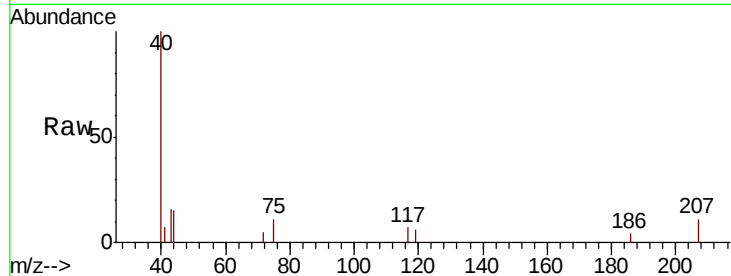
ClientSampleId :

Tot Ion: 43 Resp: 1182

Ion Ratio Lower Upper

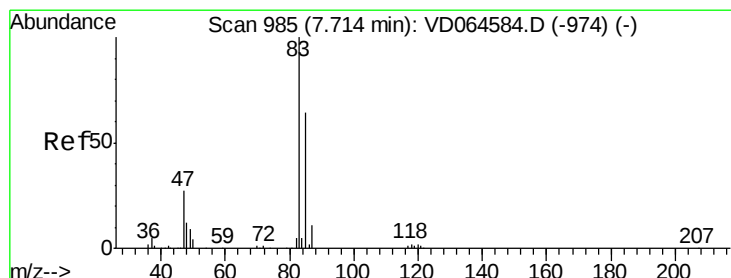
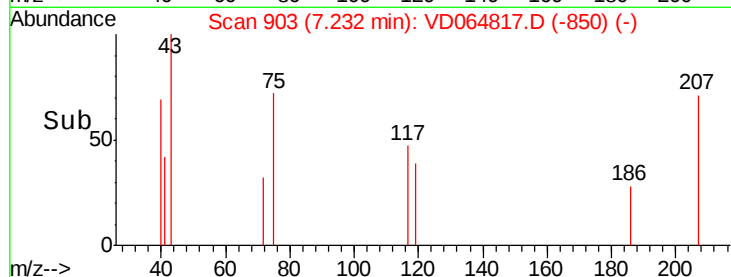
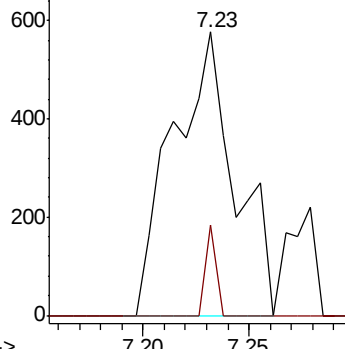
43 100

72 31.7 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#30

Chloroform

Concen: 2.201 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064817.D

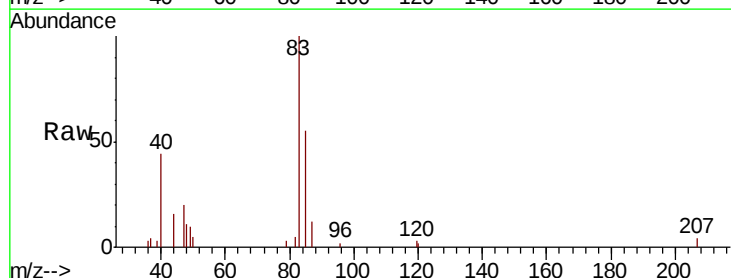
Acq: 09 Jan 2020 15:20

Tgt Ion: 83 Resp: 17904

Ion Ratio Lower Upper

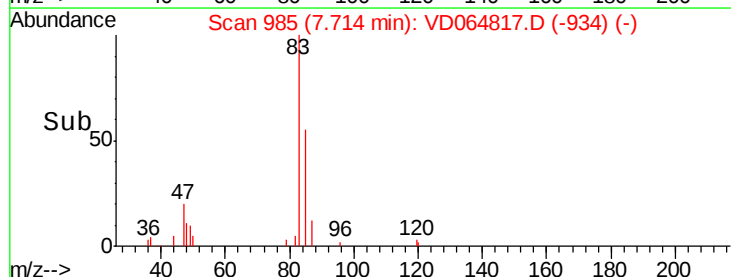
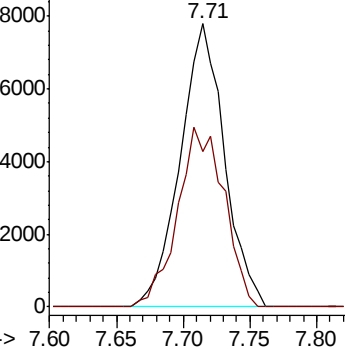
83 100

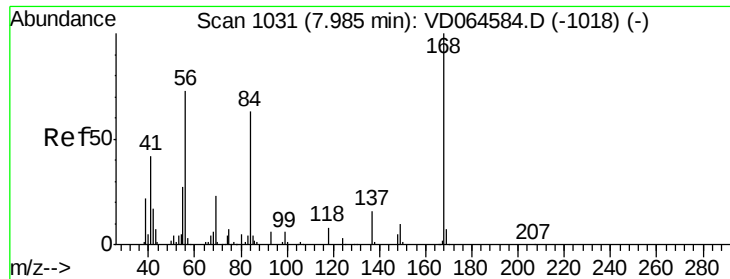
85 54.7 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

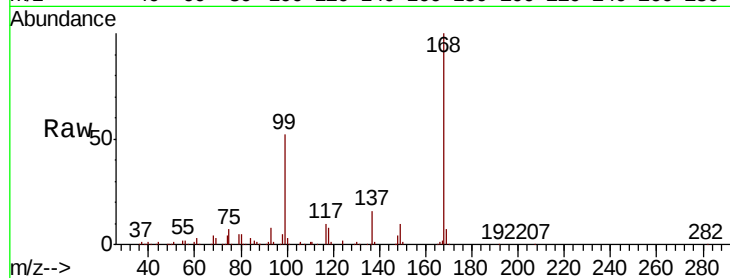




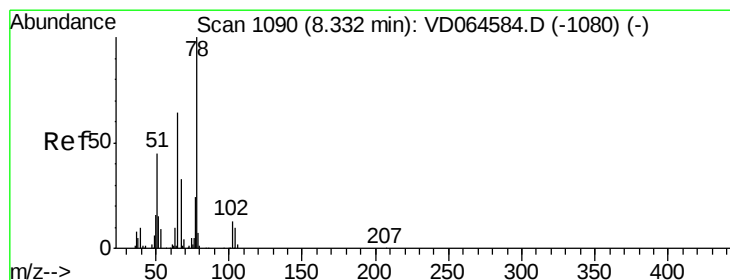
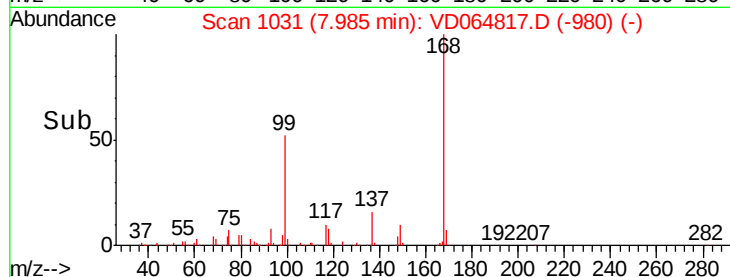
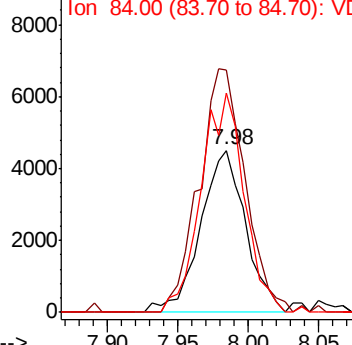
#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064817.D
Acq: 09 Jan 2020 15:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 10074
Ion Ratio Lower Upper
56 100
69 149.8 24.7 37.1#
84 135.5 69.4 104.2#

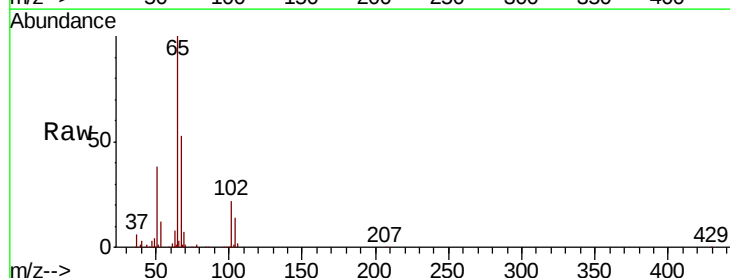


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

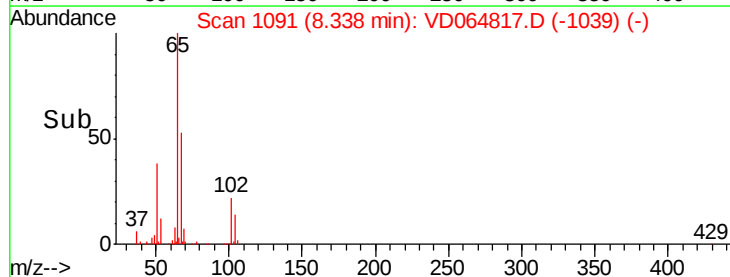
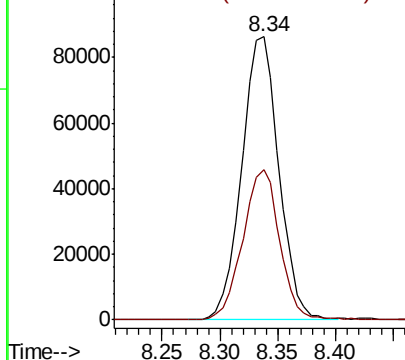


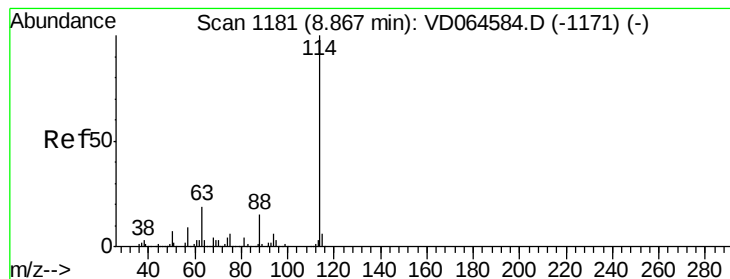
#33
1,2-Dichloroethane-d4
Concen: 46.407 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064817.D
Acq: 09 Jan 2020 15:20

Tgt Ion: 65 Resp: 193123
Ion Ratio Lower Upper
65 100
67 52.9 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: VD064817.D

Acq: 09 Jan 2020 15:20

Instrument :

MSVOA_D

ClientSampleId :

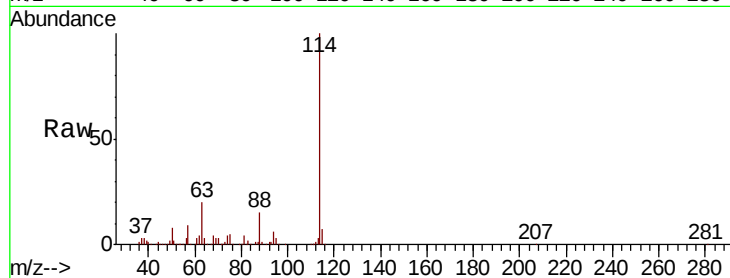
Tot Ion:114 Resp: 727280

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

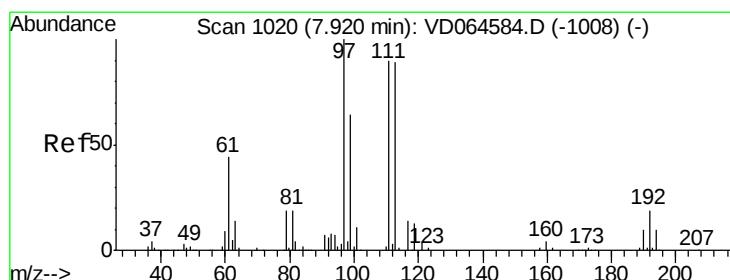
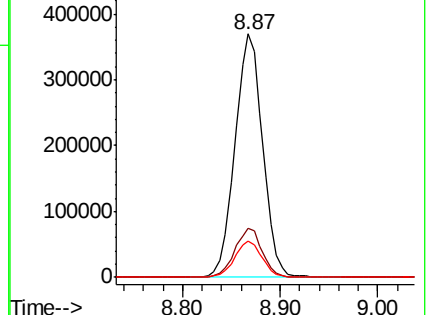
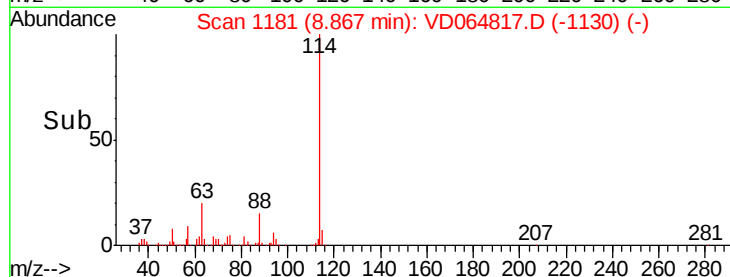
88 15.0 0.0 29.2



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: 47.666 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064817.D

Acq: 09 Jan 2020 15:20

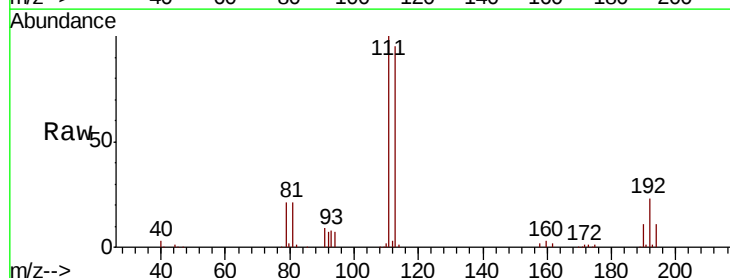
Tgt Ion:113 Resp: 212685

Ion Ratio Lower Upper

113 100

111 102.0 80.6 121.0

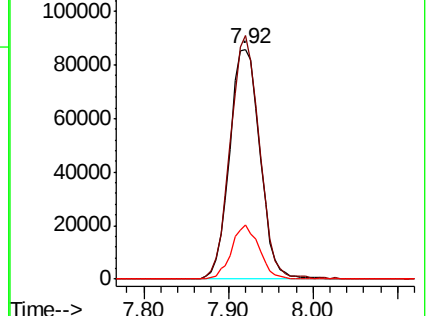
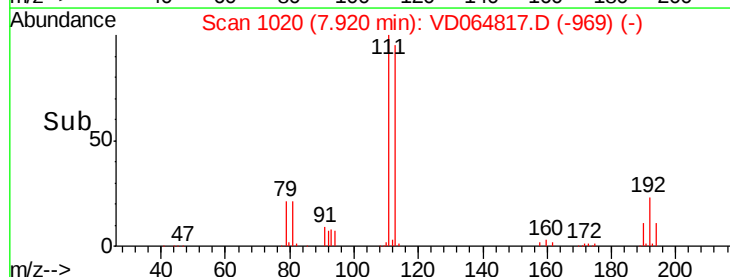
192 21.5 17.9 26.9

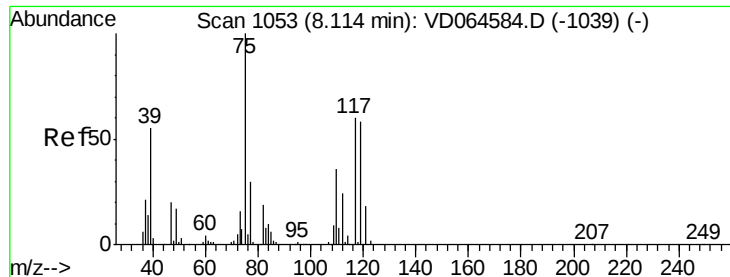


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.879 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.13 min

Lab File: VD064817.D

Acq: 09 Jan 2020 15:20

Instrument :

MSVOA_D

ClientSampleId :

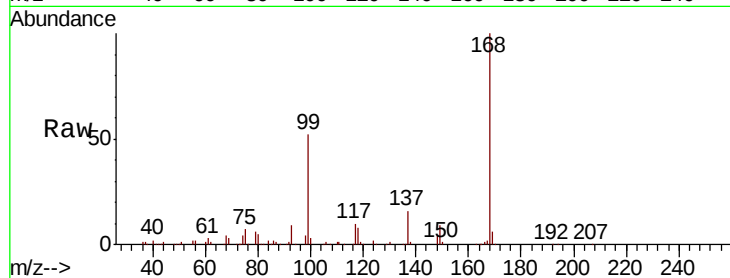
Tot Ion: 75 Resp: 34152

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.1#

77 0.0 24.2 36.4#

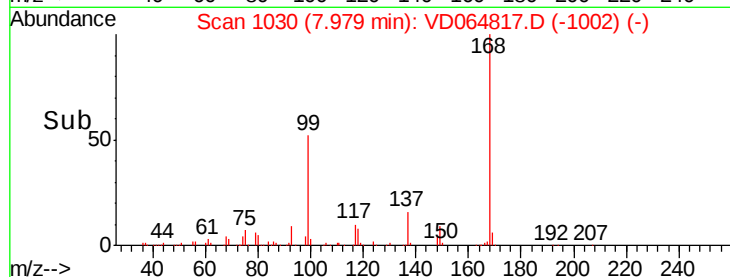


Abundance Ion 74.90 (74.60 to 75.60): VD064817.D (-1039) (-)

Ion 109.90 (109.60 to 110.60): VD064817.D (-1039) (-)

Ion 76.90 (76.60 to 77.60): VD064817.D (-1039) (-)

Time-->

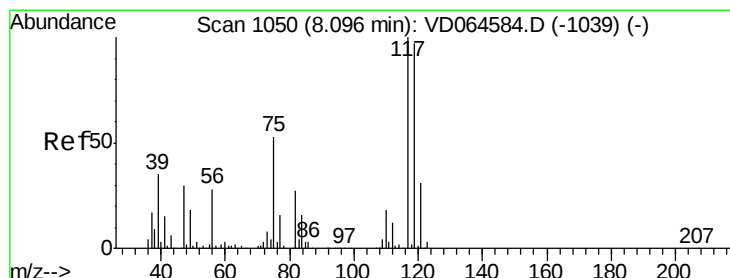


Abundance Ion 74.90 (74.60 to 75.60): VD064817.D (-1039) (-)

Ion 109.90 (109.60 to 110.60): VD064817.D (-1039) (-)

Ion 76.90 (76.60 to 77.60): VD064817.D (-1039) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.092 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064817.D

Acq: 09 Jan 2020 15:20

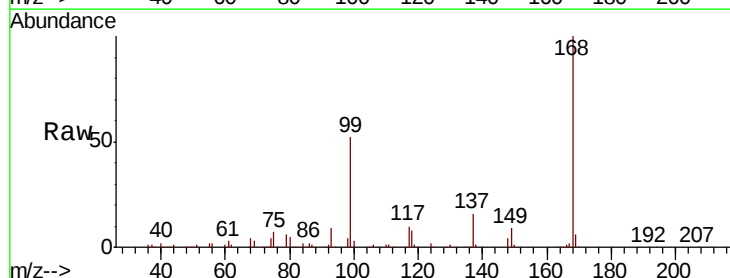
Tgt Ion: 117 Resp: 45468

Ion Ratio Lower Upper

117 100

119 5.8 77.3 115.9#

121 0.0 25.0 37.6#

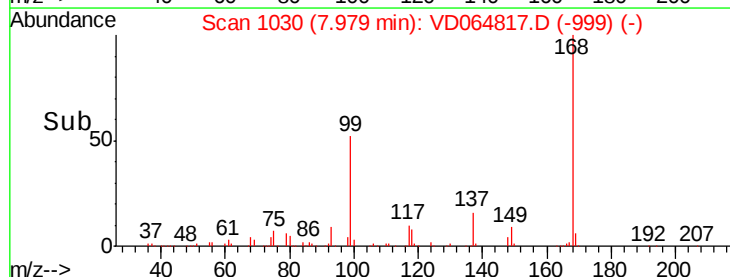


Abundance Ion 116.80 (116.50 to 117.50): VD064817.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064817.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064817.D (-999) (-)

Time-->

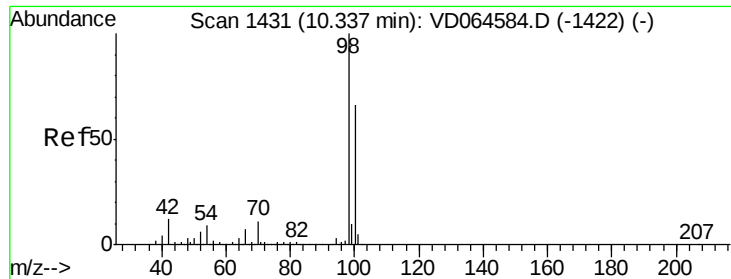


Abundance Ion 116.80 (116.50 to 117.50): VD064817.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064817.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064817.D (-999) (-)

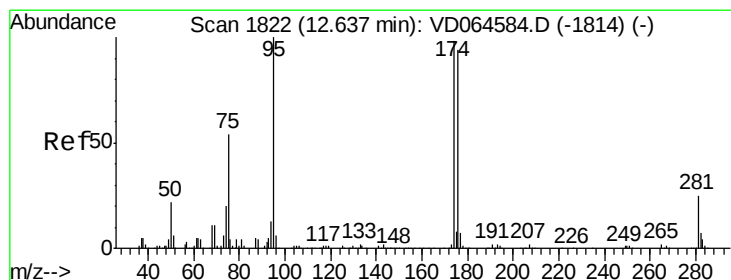
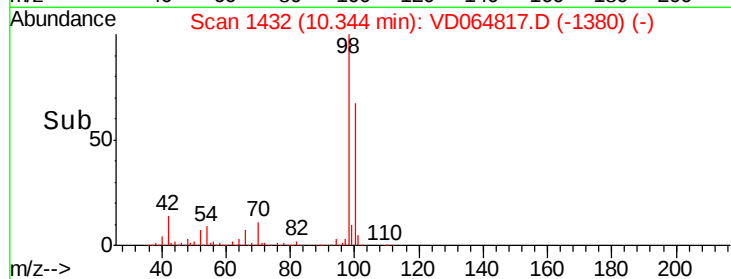
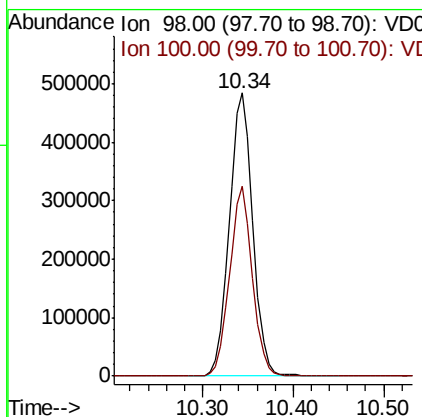
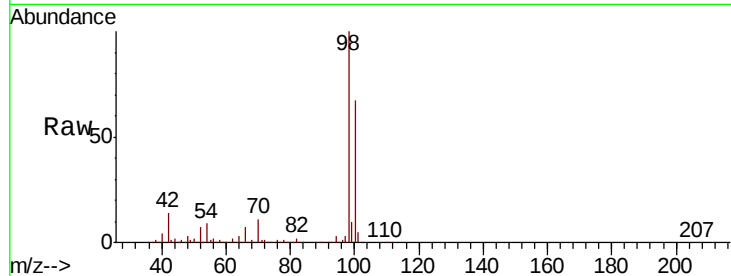
Time-->



#50
Toluene-d8
Concen: 50.901 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064817.D
Acq: 09 Jan 2020 15:20

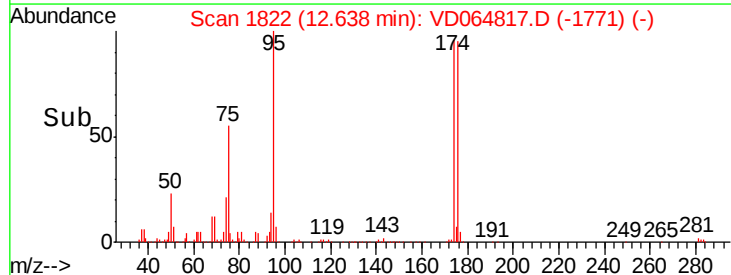
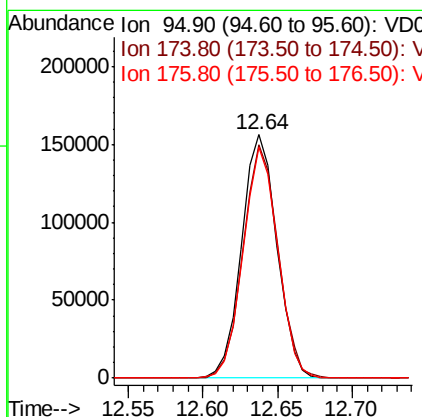
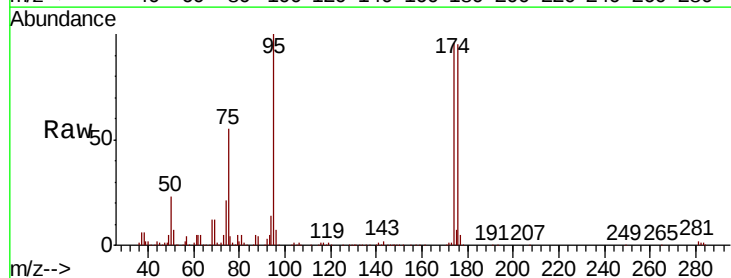
Instrument :
MSVOA_D
ClientSampled :

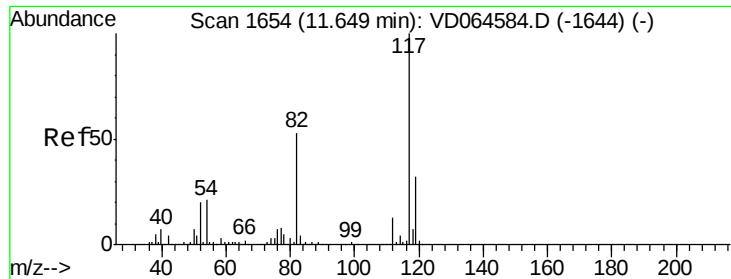
Tot Ion: 98 Resp: 869839
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.233 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064817.D
Acq: 09 Jan 2020 15:20

Tgt Ion: 95 Resp: 255233
Ion Ratio Lower Upper
95 100
174 95.0 0.0 193.2
176 93.2 0.0 184.2

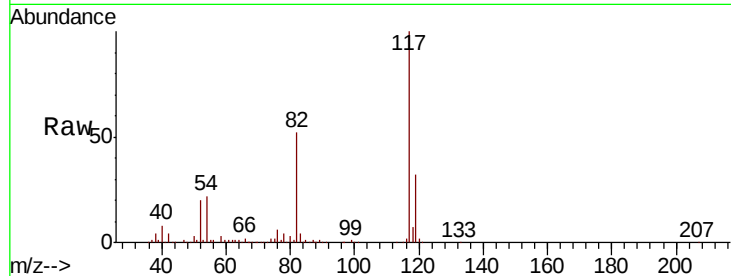




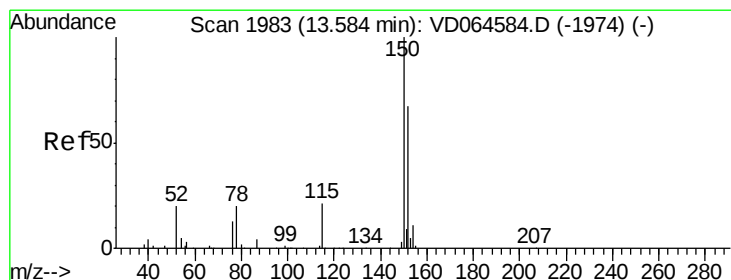
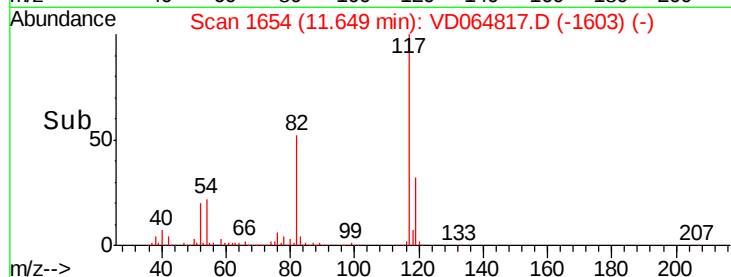
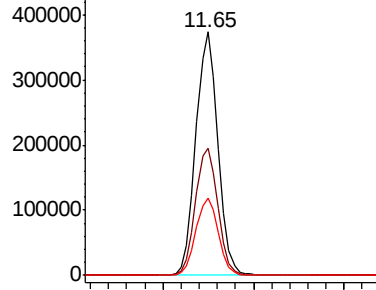
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064817.D
Acq: 09 Jan 2020 15:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.4
119	31.9	26.0	39.0

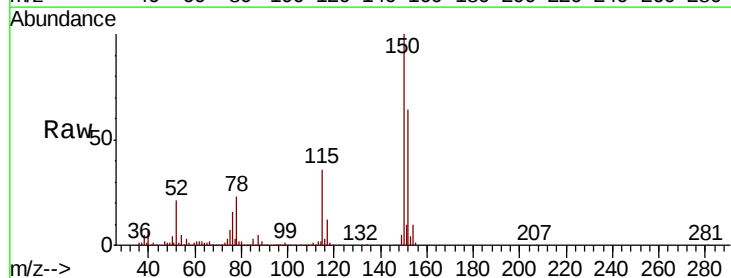


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

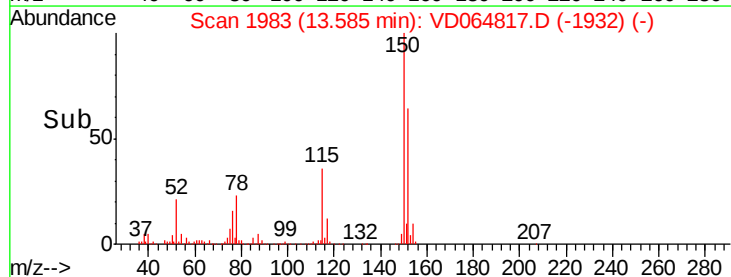
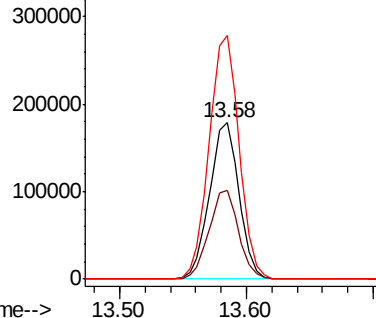


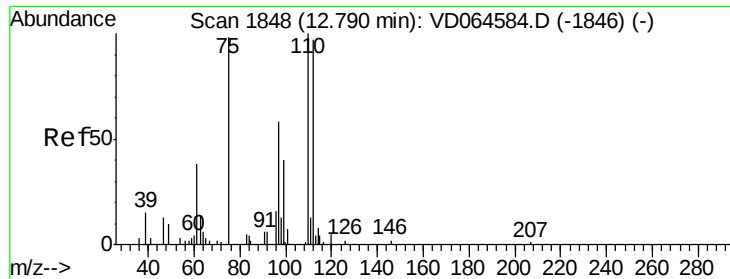
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064817.D
Acq: 09 Jan 2020 15:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.8	83.4
150	158.4	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: 61.198 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064817.D

Acq: 09 Jan 2020 15:20

Instrument :

MSVOA_D

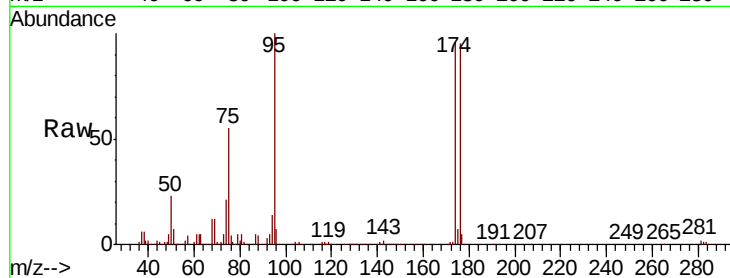
ClientSampled :

Tot Ion: 75 Resp: 138904

Ion Ratio Lower Upper

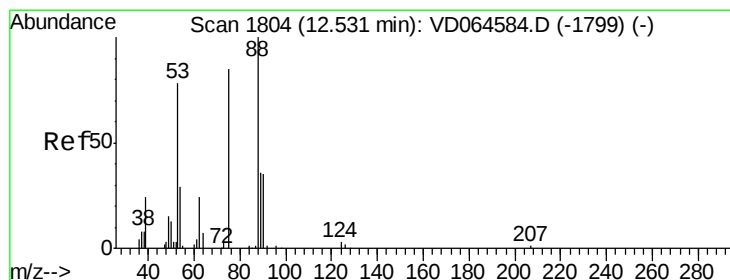
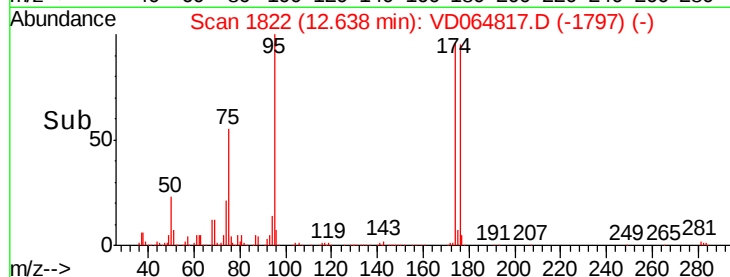
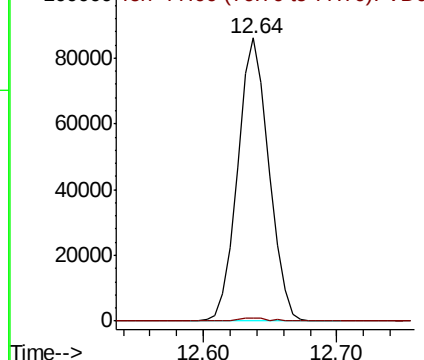
75 100

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: 127.993 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064817.D

Acq: 09 Jan 2020 15:20

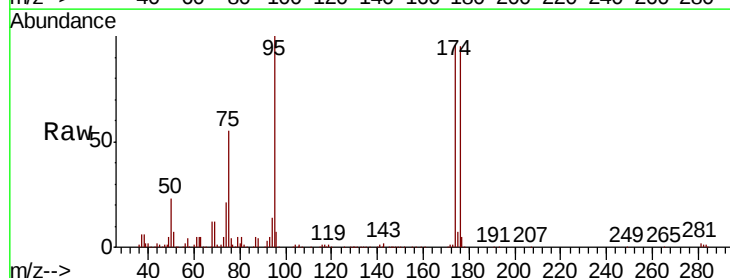
Tgt Ion: 75 Resp: 138904

Ion Ratio Lower Upper

75 100

53 0.2 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

