

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010620\
 Data File : VD064780.D
 Acq On : 06 Jan 2020 18:37
 Operator : VA/SY
 Sample : K6482-01RE
 Misc : 6.27G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 07 00:37:58 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

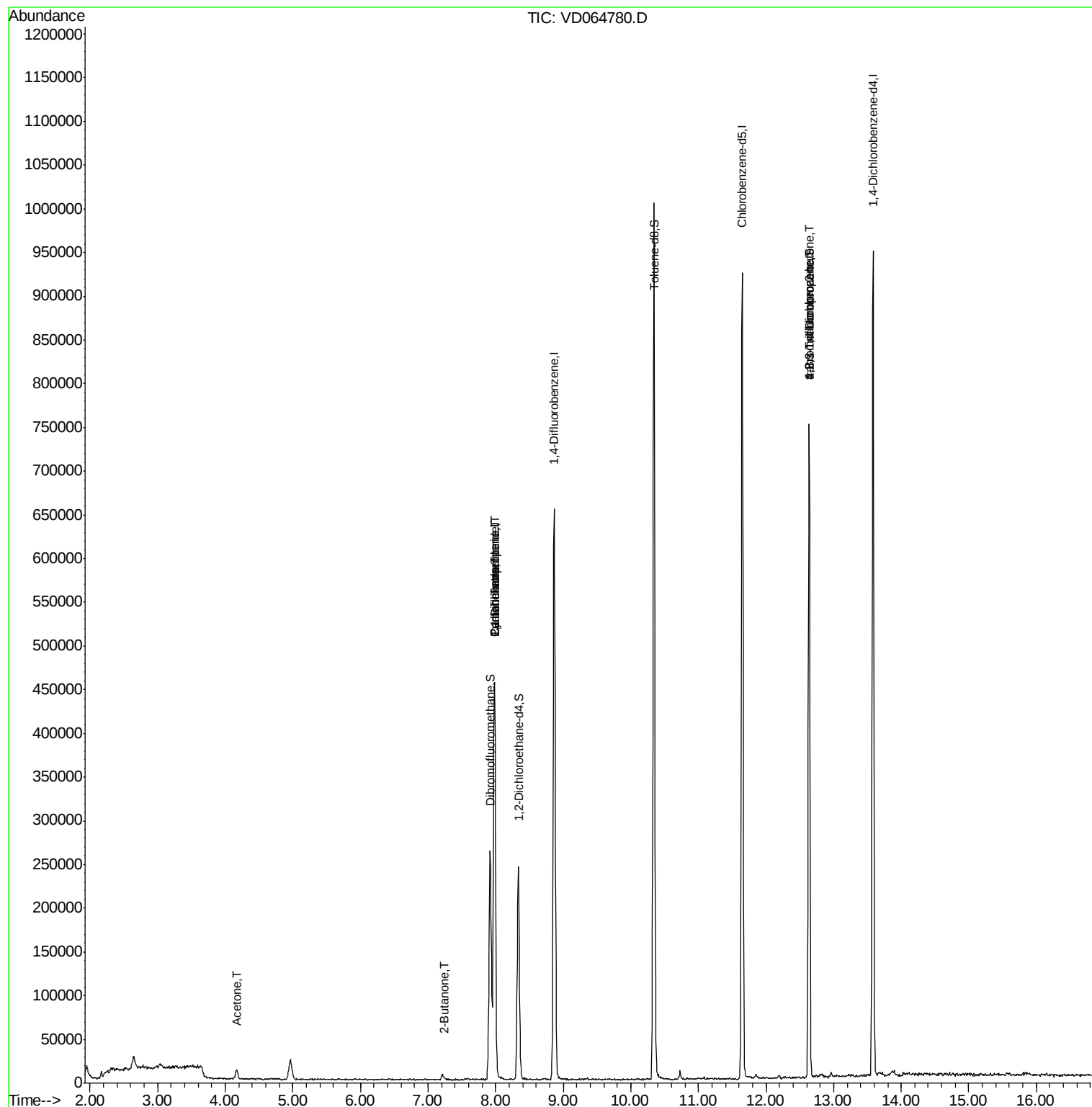
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	360516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	562236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	516625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	192663	60.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.22%	
35) Dibromofluoromethane	7.92	113	181551	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.34	98	672023	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.64	95	219916	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
Target Compounds						
16) Acetone	4.16	43	18571	28.800	ug/l	92
25) 2-Butanone	7.25	43	1614	1.847	ug/l #	49
31) Cyclohexane	7.98	56	8858	1.494	ug/l #	22
36) 1,1-Dichloropropene	7.98	75	26862	4.964	ug/l #	50
38) Carbon Tetrachloride	7.98	117	35076	6.079	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	115934	59.898	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	115934	125.274	ug/l #	10

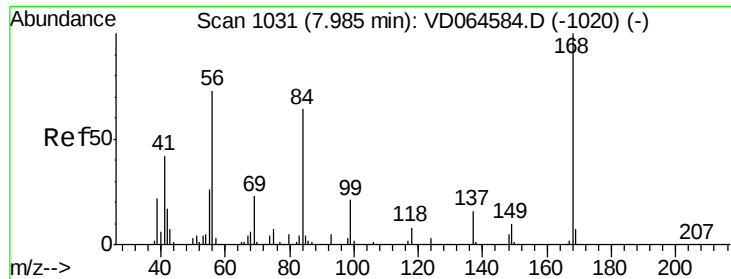
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 06 Jan 2020 18:37
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 07 00:37:58 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# 1030

Delta R.T. -0.01 min

Lab File: VD064780.D

Acq: 06 Jan 2020 18:37

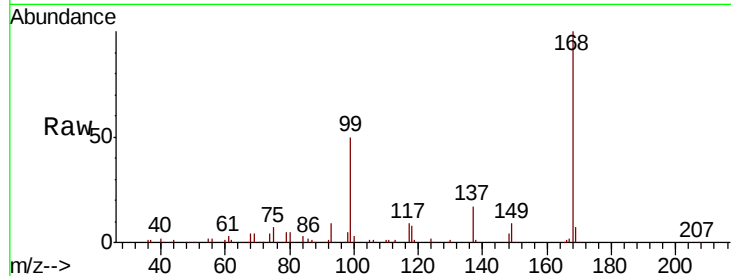
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 360516

Ion Ratio Lower Upper

168 100

99 50.4 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

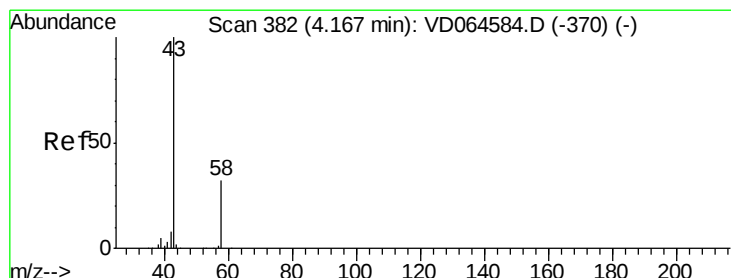
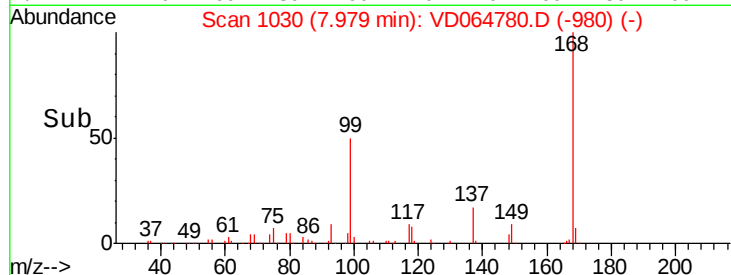
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 28.800 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064780.D

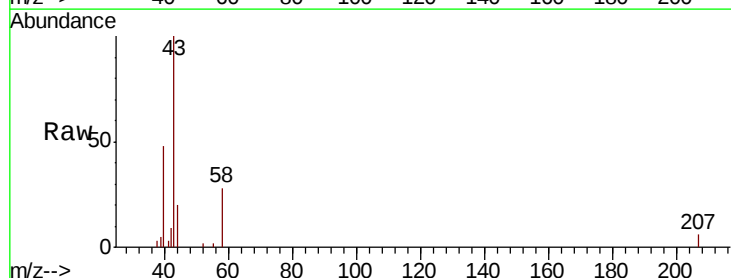
Acq: 06 Jan 2020 18:37

Tgt Ion: 43 Resp: 18571

Ion Ratio Lower Upper

43 100

58 27.9 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

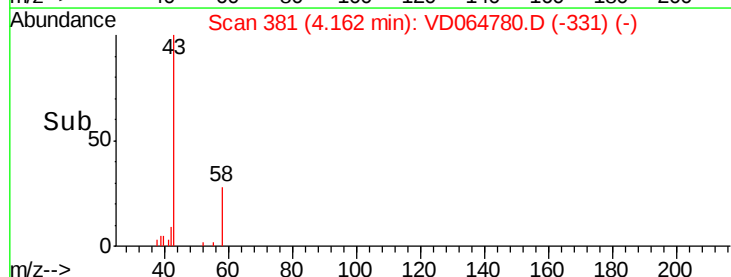
6000

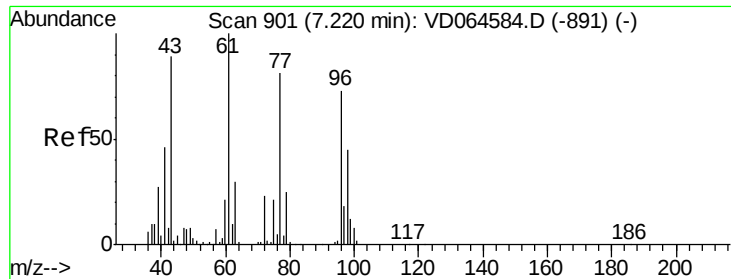
4000

2000

0

Time-->

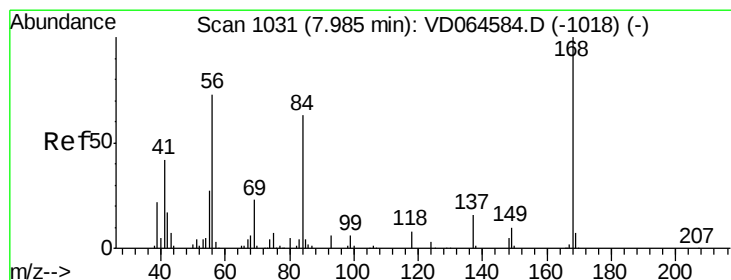
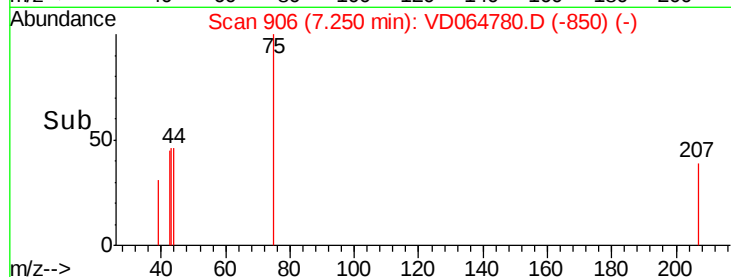
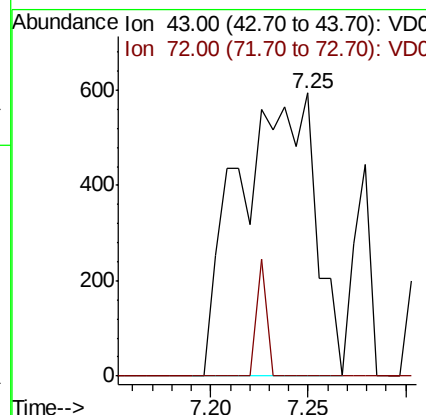
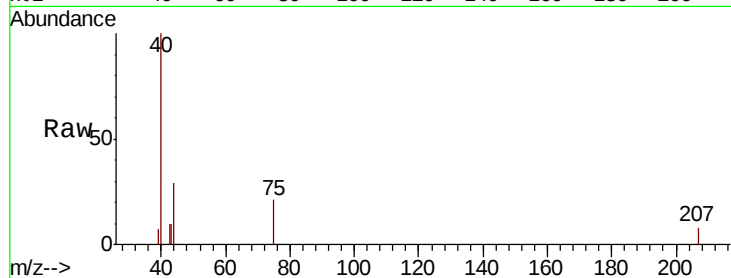




#25
2-Butanone
Concen: 1.847 ug/l
RT: 7.25 min Scan# 906
Delta R.T. 0.03 min
Lab File: VD064780.D
Acq: 06 Jan 2020 18:37

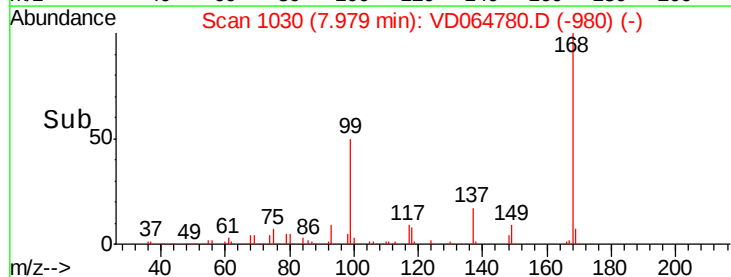
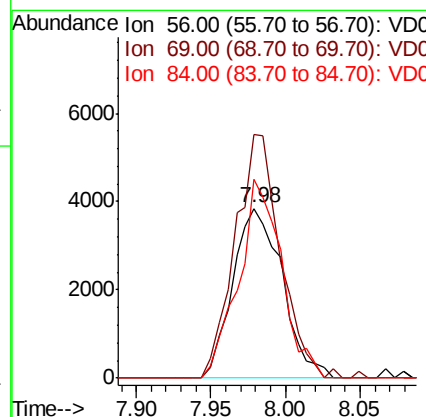
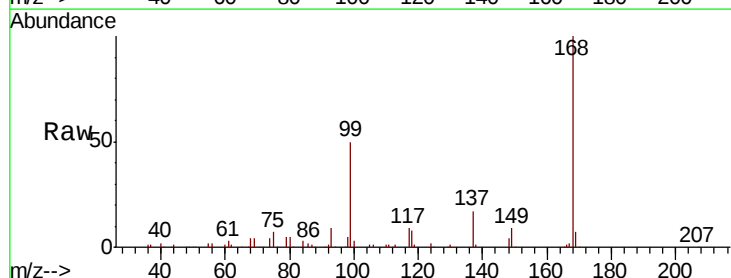
Instrument :
MSVOA_D
ClientSampleId :

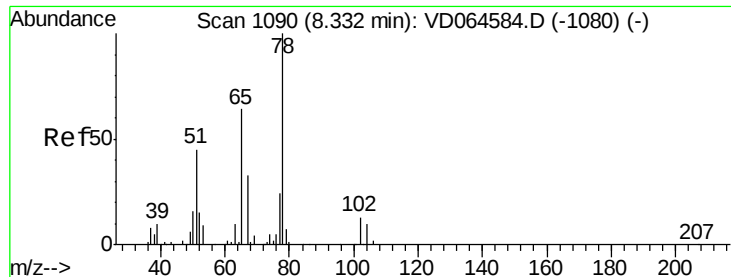
Tot Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#31
Cyclohexane
Concen: 1.494 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064780.D
Acq: 06 Jan 2020 18:37

Tgt Ion: 56 Resp: 8858
Ion Ratio Lower Upper
56 100
69 143.2 24.7 37.1#
84 116.7 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 60.605 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064780.D

Acq: 06 Jan 2020 18:37

Instrument :

MSVOA_D

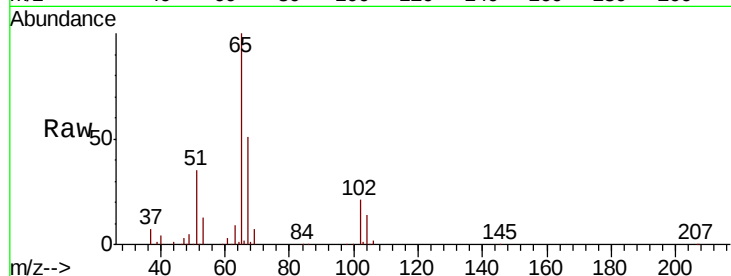
ClientSampleId :

Tot Ion: 65 Resp: 192663

Ion Ratio Lower Upper

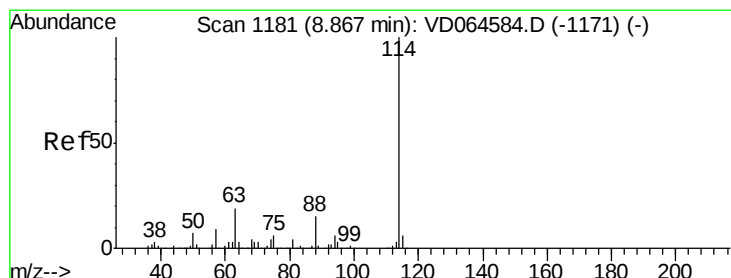
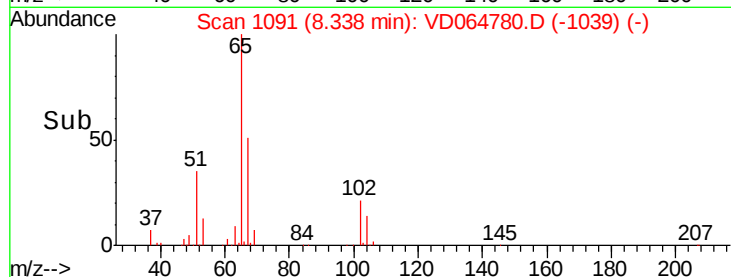
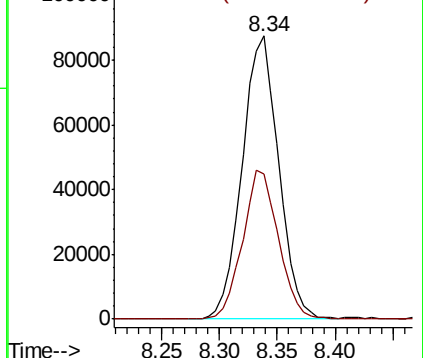
65 100

67 51.8 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: VD064780.D

Acq: 06 Jan 2020 18:37

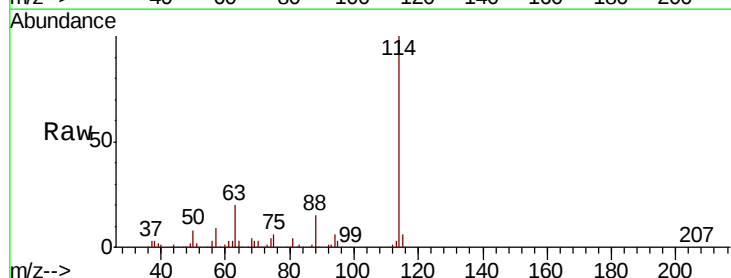
Tgt Ion:114 Resp: 562236

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

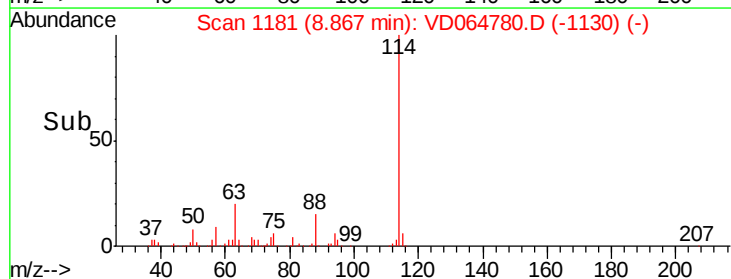
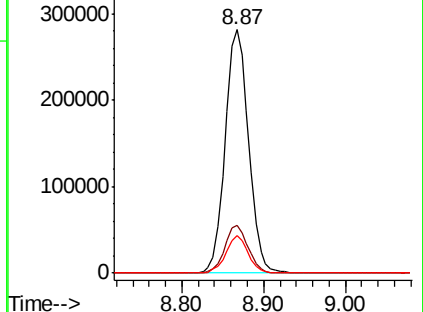
88 15.4 0.0 29.2

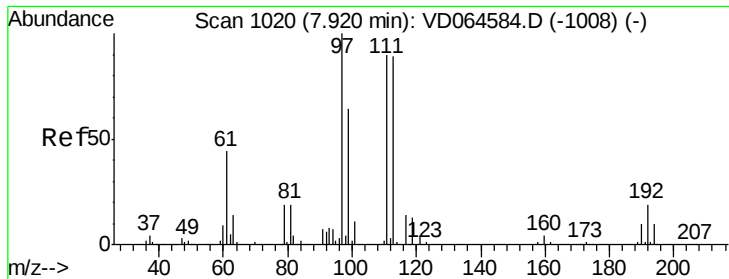


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

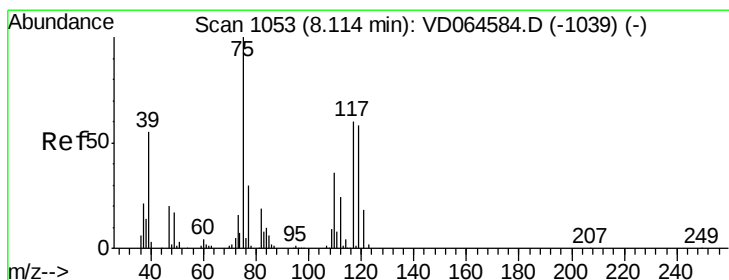
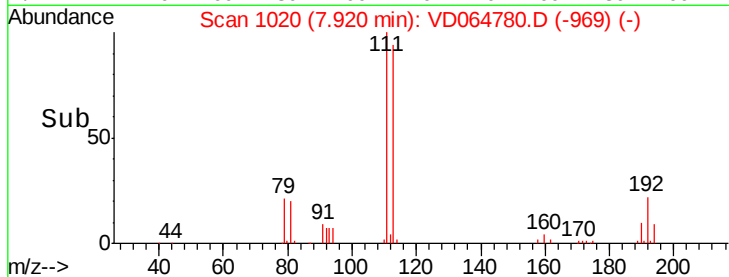
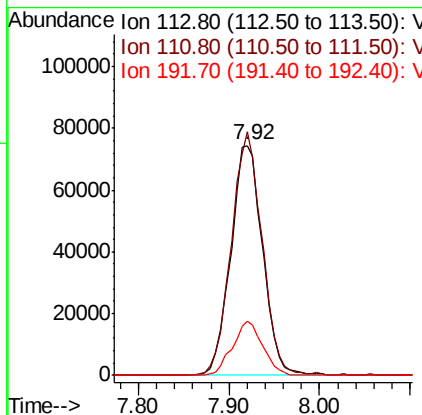
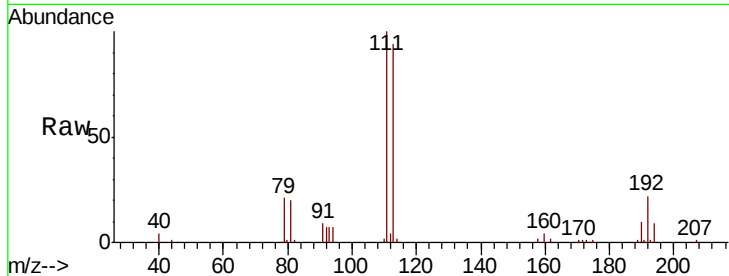




#35
 Dibromofluoromethane
 Concen: 52.632 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064780.D
 Acq: 06 Jan 2020 18:37

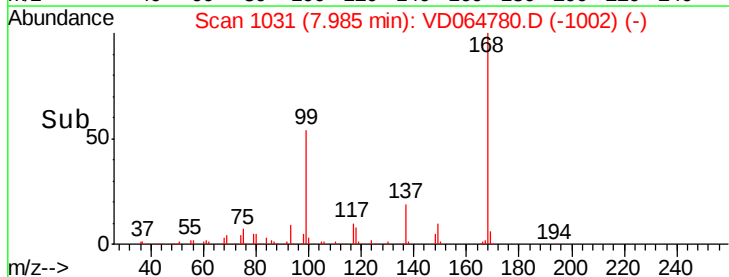
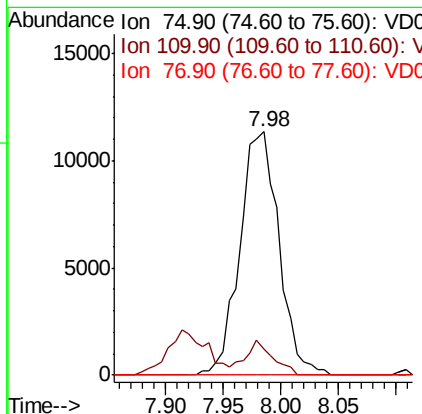
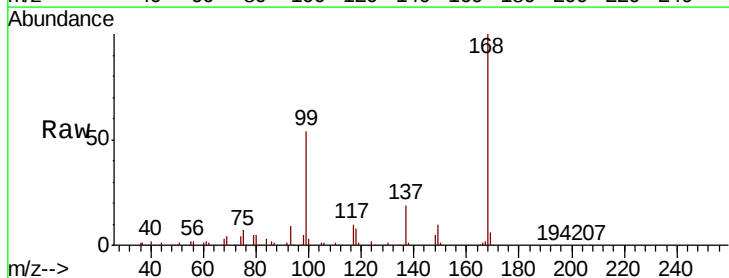
Instrument :
 MSVOA_D
 ClientSampled :

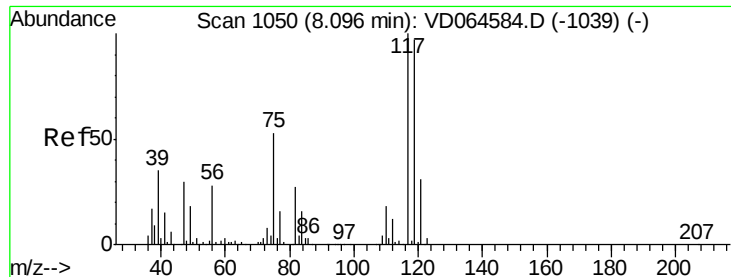
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.6	121.0
192	22.2	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.964 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064780.D
 Acq: 06 Jan 2020 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.1#
77	0.0	24.2	36.4#

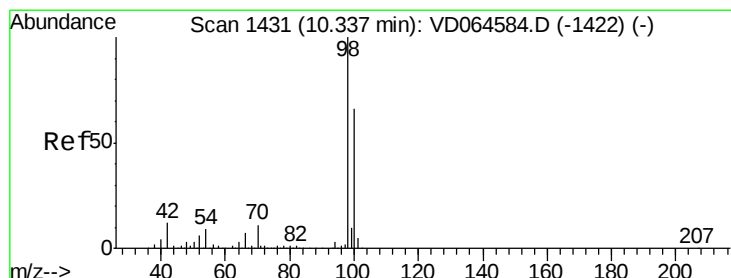
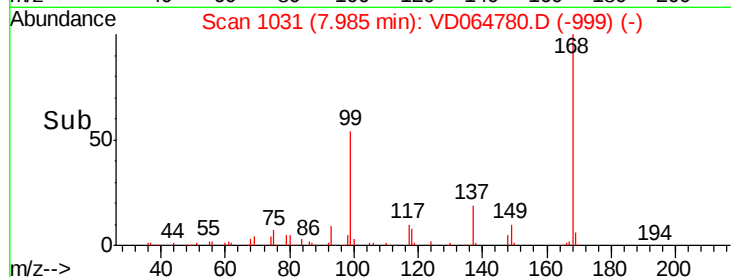
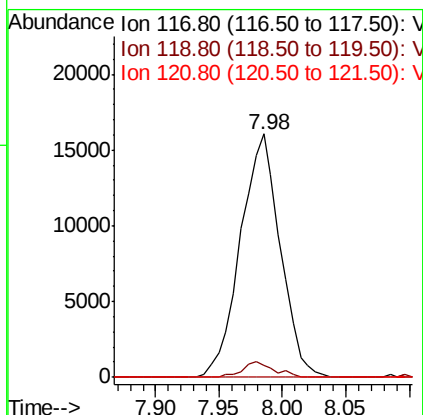
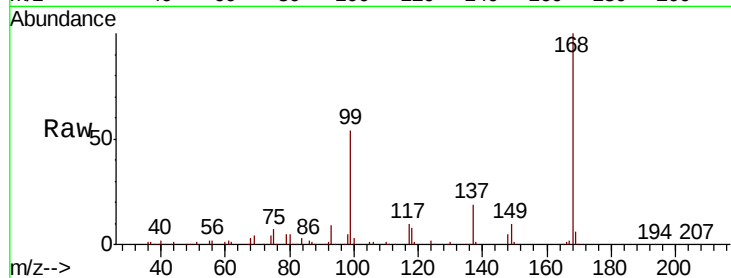




#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064780.D
Acq: 06 Jan 2020 18:37

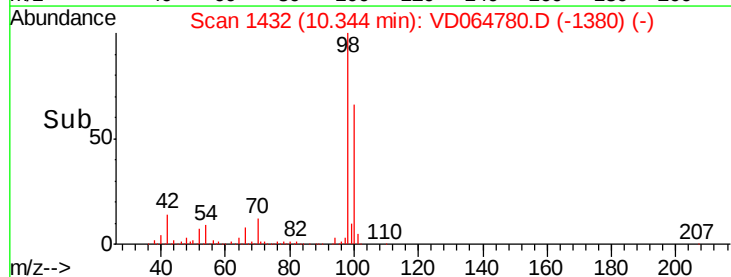
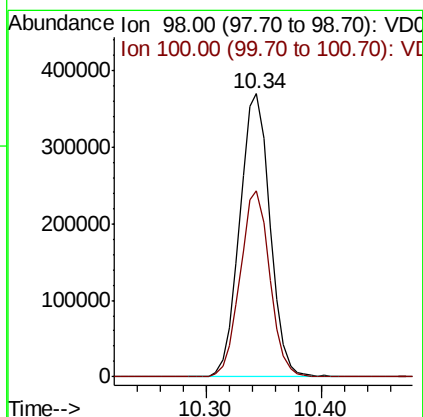
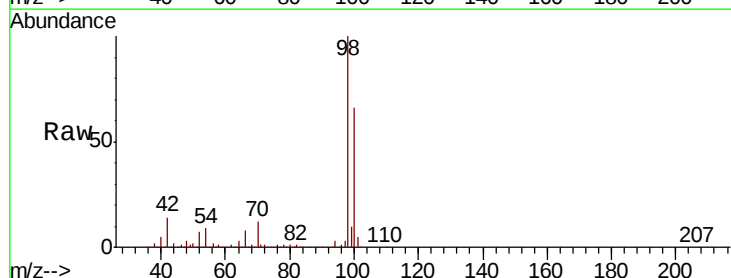
Instrument :
MSVOA_D
ClientSampleId :

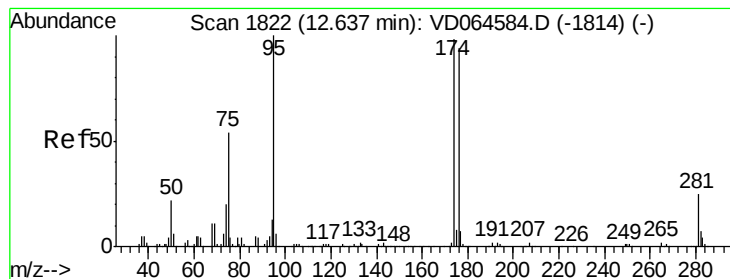
Tot Ion:117 Resp: 35076
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.869 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064780.D
Acq: 06 Jan 2020 18:37

Tgt Ion: 98 Resp: 672023
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 52.644 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064780.D

Acq: 06 Jan 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

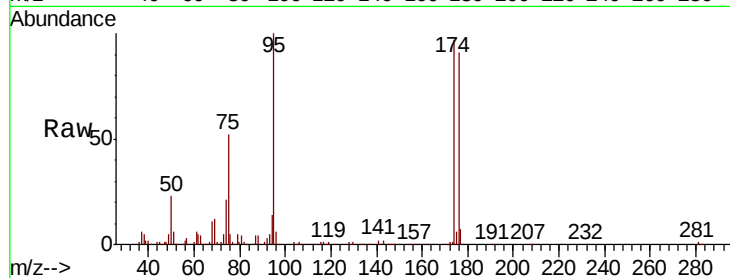
Tot Ion: 95 Resp: 219916

Ion Ratio Lower Upper

95 100

174 94.8 0.0 193.2

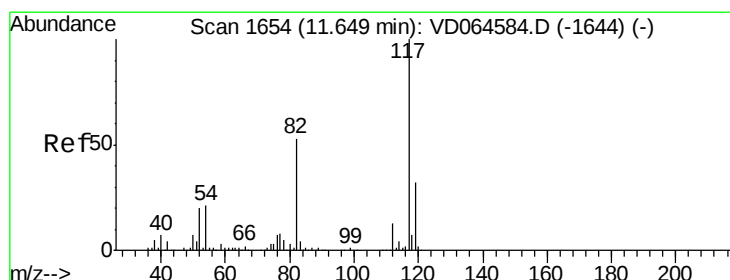
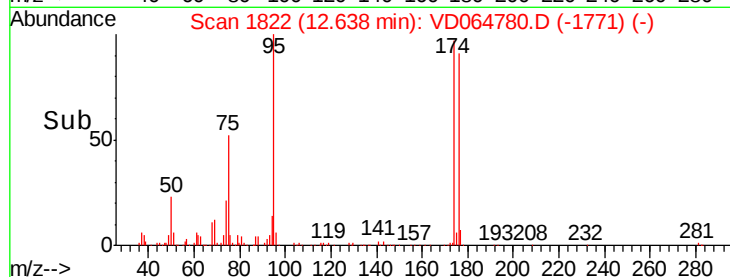
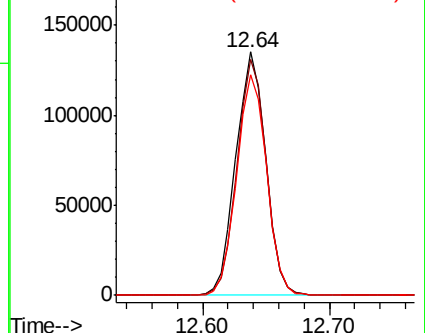
176 90.7 0.0 184.2



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: VD064780.D

Acq: 06 Jan 2020 18:37

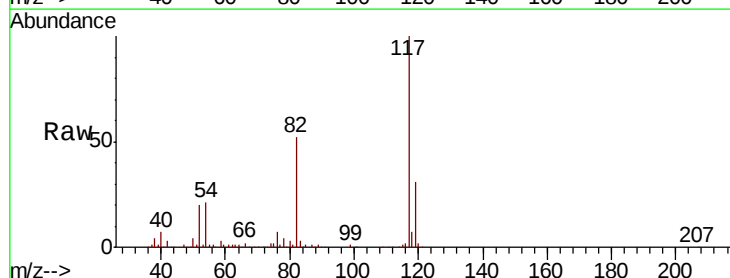
Tgt Ion: 117 Resp: 516625

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

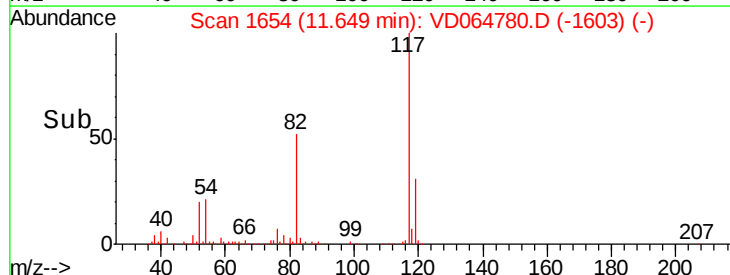
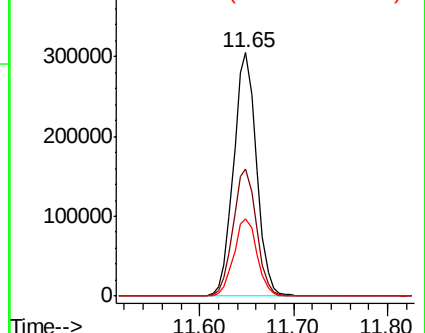
119 31.5 26.0 39.0

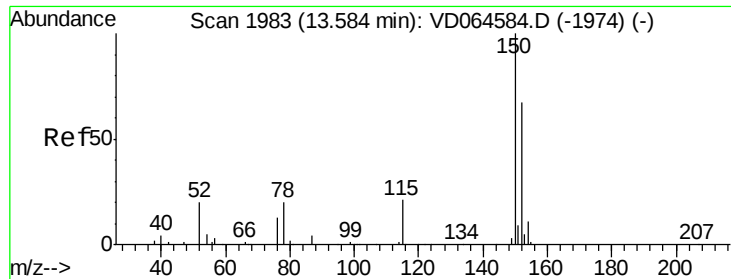


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064780.D

Acq: 06 Jan 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

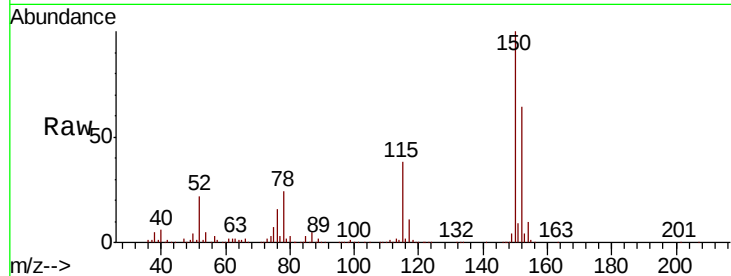
Tot Ion:152 Resp: 245109

Ion Ratio Lower Upper

152 100

115 57.8 27.8 83.4

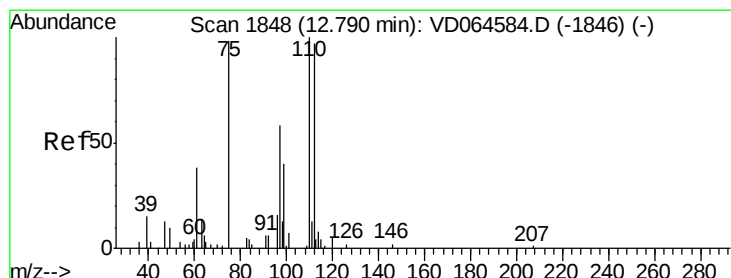
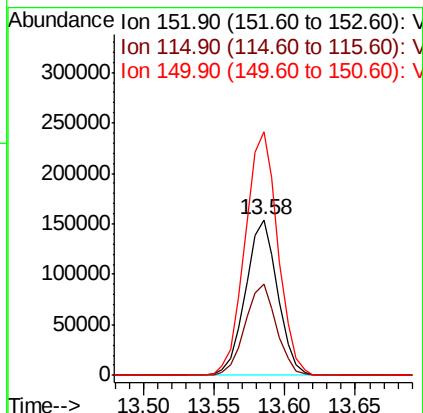
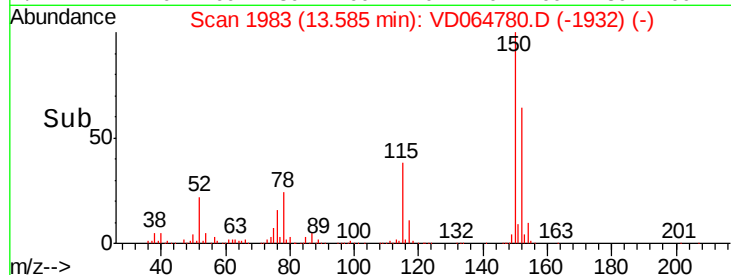
150 160.2 0.0 351.4



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: 59.898 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064780.D

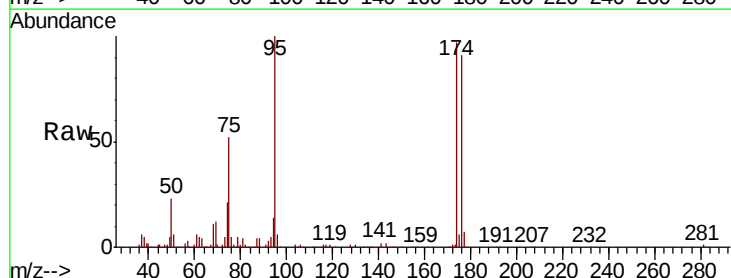
Acq: 06 Jan 2020 18:37

Tgt Ion: 75 Resp: 115934

Ion Ratio Lower Upper

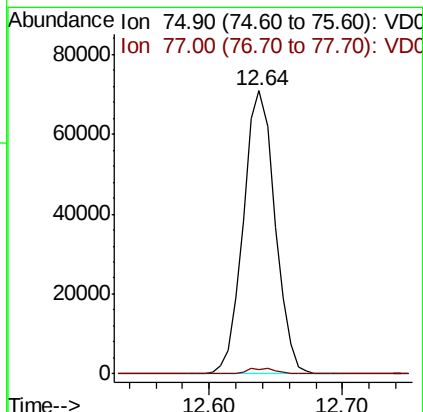
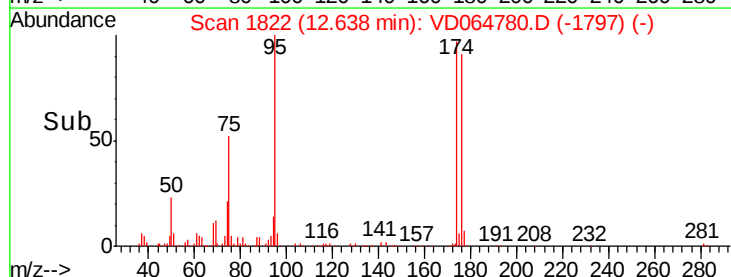
75 100

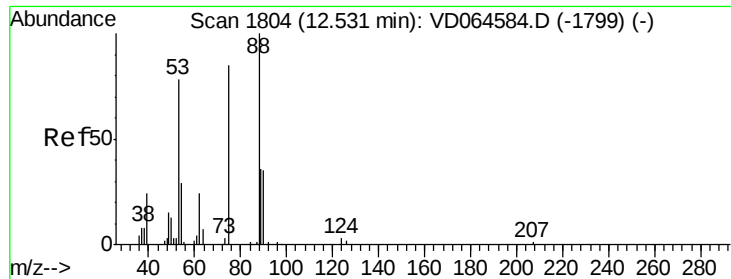
77 1.8 0.0 0.0#



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: 125.274 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064780.D

Acq: 06 Jan 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 115934

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.1 38.3 57.5#

