

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012120\
 Data File : VD064907.D
 Acq On : 21 Jan 2020 12:45
 Operator : VA/SY
 Sample : L1189-05
 Misc : 5.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 22 05:27:21 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

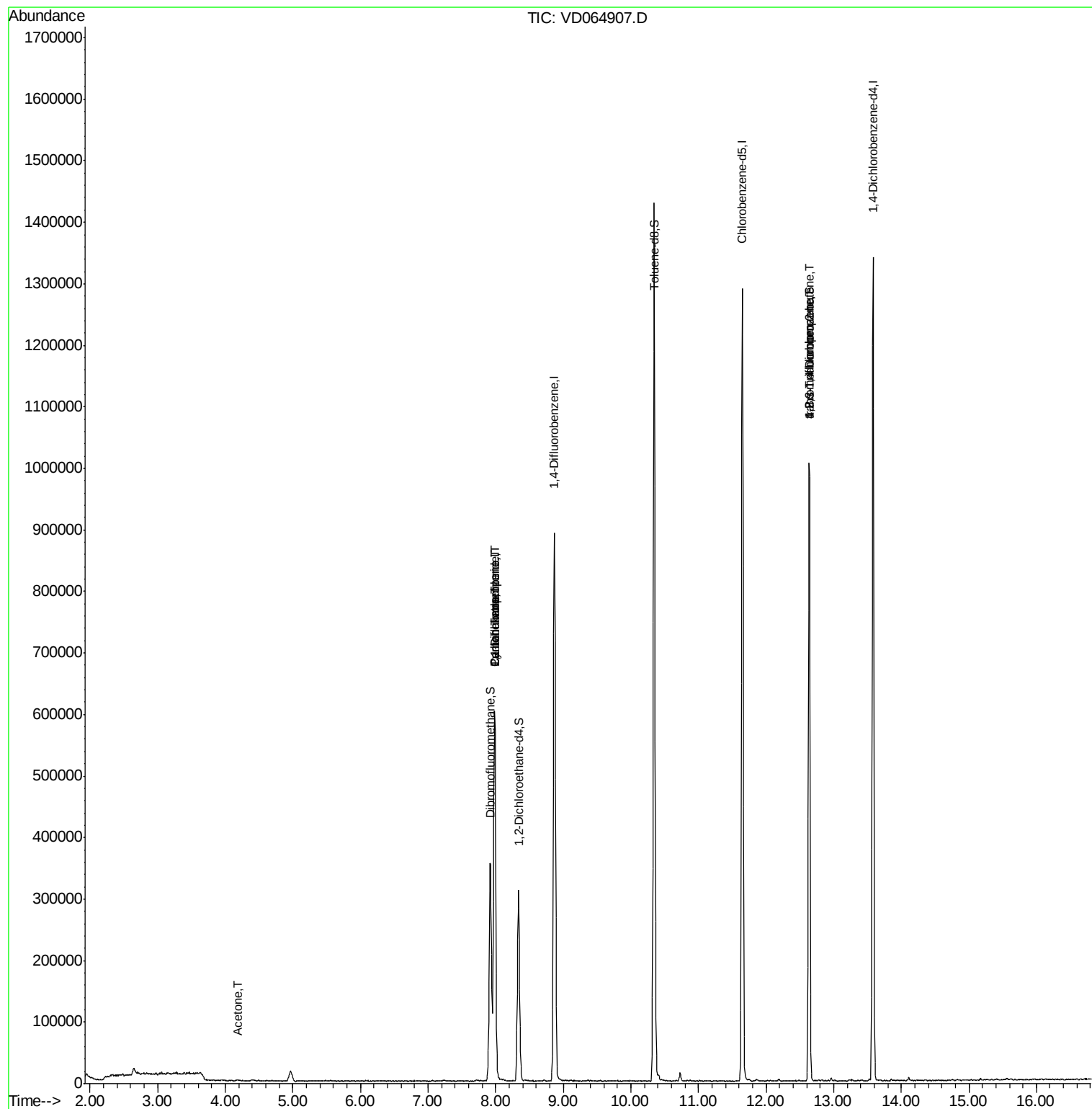
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	466736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	764971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	723183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	345173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	243764	59.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.46%	
35) Dibromofluoromethane	7.92	113	243969	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
50) Toluene-d8	10.34	98	944416	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.64	95	300740	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
Target Compounds						
16) Acetone	4.18	43	1515	5.730	ug/l	90
20) Methylene Chloride	4.96	84	11460	Below Cal		89
31) Cyclohexane	7.98	56	10243	1.335	ug/l #	16
36) 1,1-Dichloropropene	7.98	75	33787	4.589	ug/l #	51
38) Carbon Tetrachloride	7.98	117	43499	5.541	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	164279	60.270	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	164279	126.054	ug/l #	10

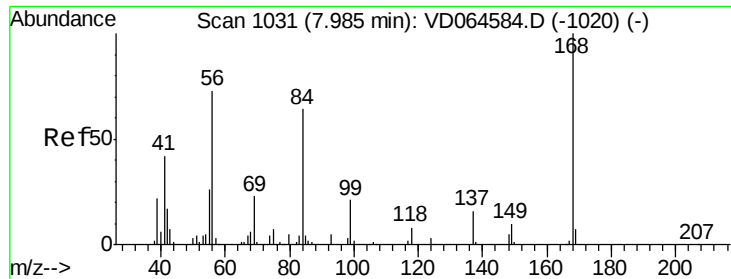
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064907.D

Acq: 21 Jan 2020 12:45

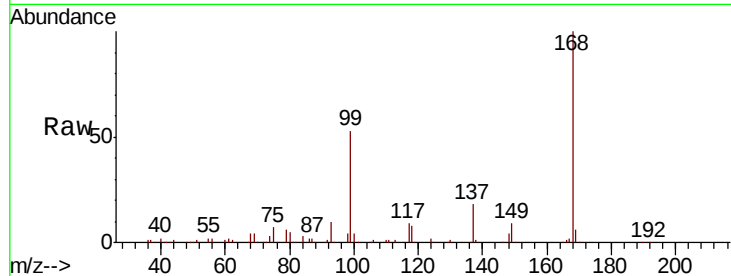
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 466736

Ion Ratio Lower Upper

168 100

99 53.4 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

200000

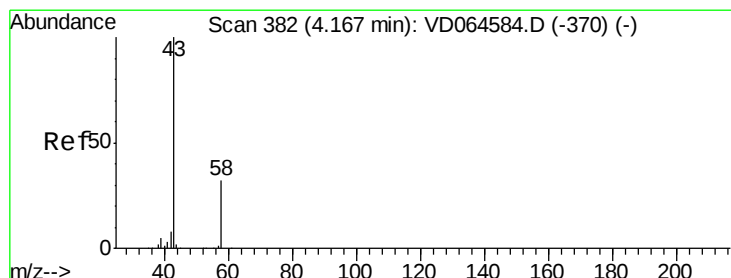
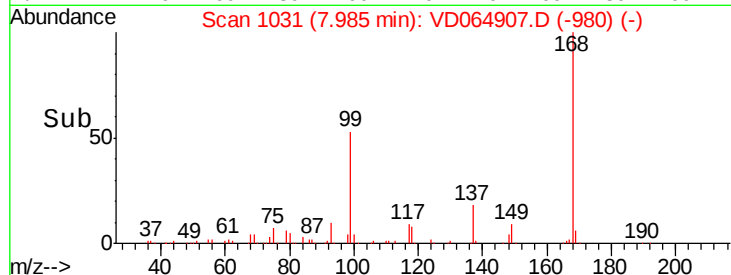
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.730 ug/l

RT: 4.18 min Scan# 385

Delta R.T. 0.02 min

Lab File: VD064907.D

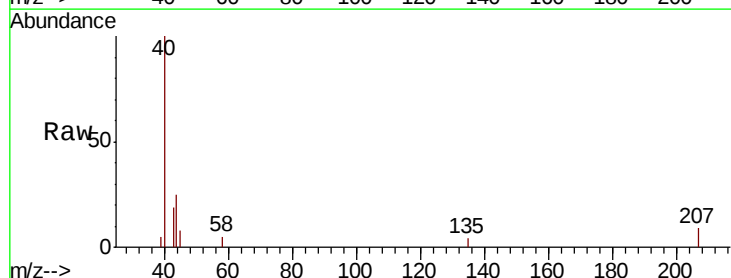
Acq: 21 Jan 2020 12:45

Tgt Ion: 43 Resp: 1515

Ion Ratio Lower Upper

43 100

58 26.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

800

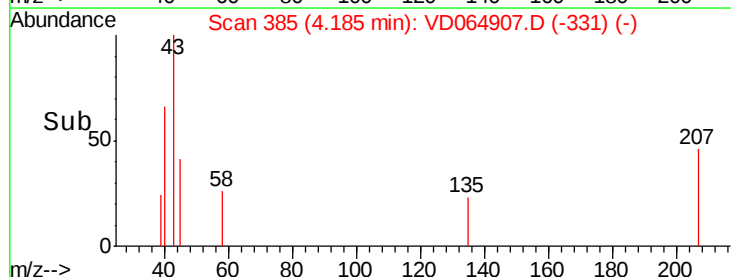
600

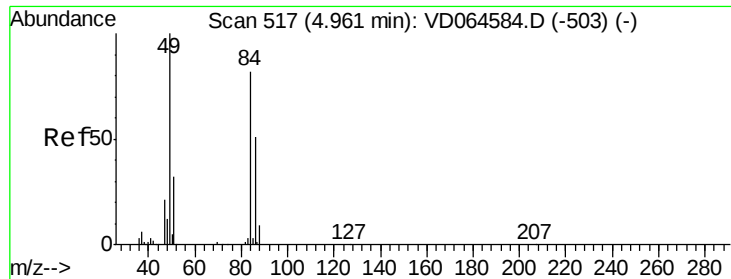
400

200

0

Time-->

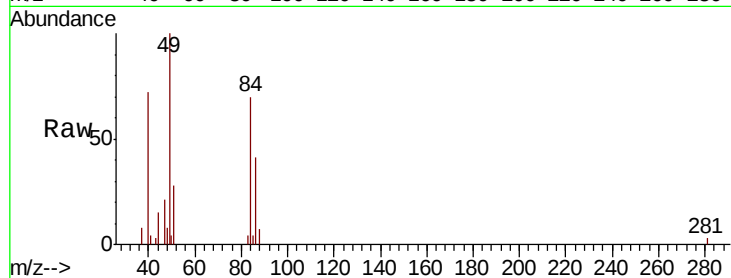




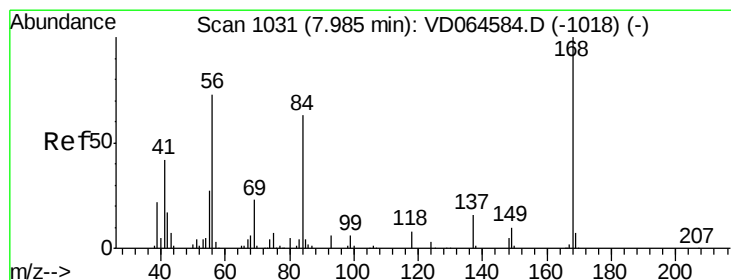
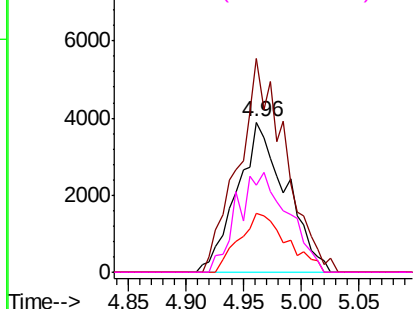
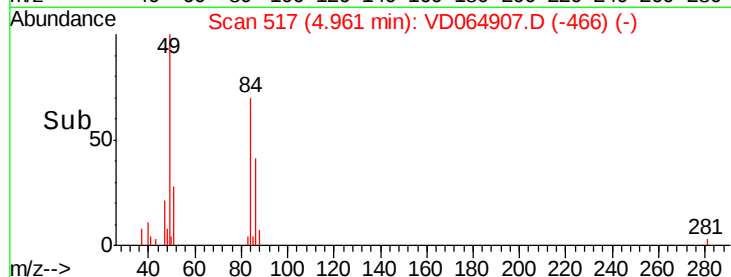
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064907.D
Acq: 21 Jan 2020 12:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 11460
Ion Ratio Lower Upper
84 100
49 142.2 97.2 145.8
51 39.1 31.4 47.0
86 58.2 49.3 73.9

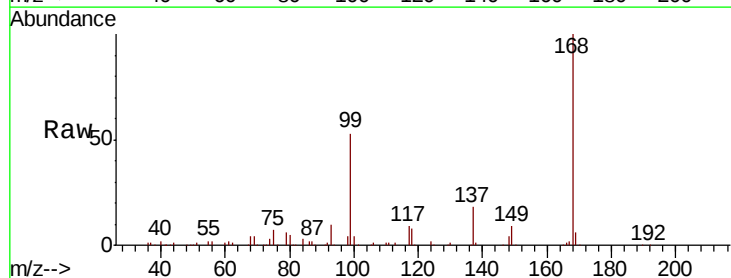


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

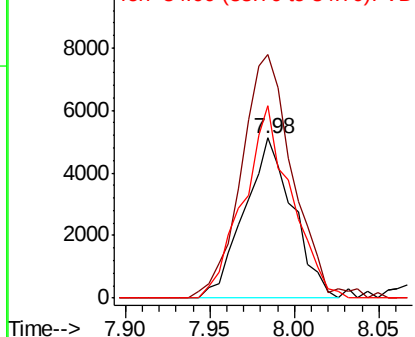
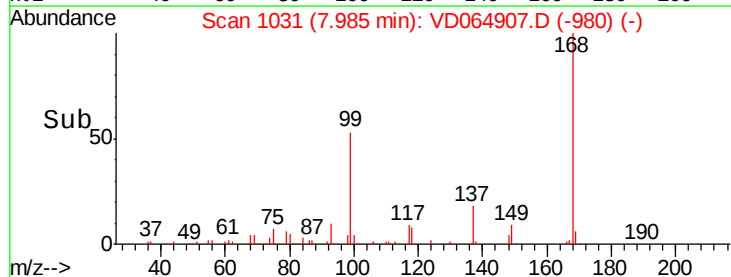


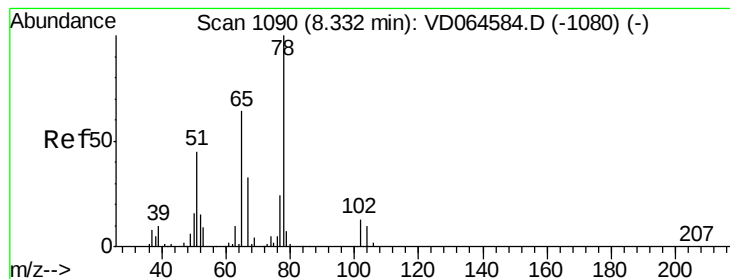
#31
Cyclohexane
Concen: 1.335 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064907.D
Acq: 21 Jan 2020 12:45

Tgt Ion: 56 Resp: 10243
Ion Ratio Lower Upper
56 100
69 151.9 24.7 37.1#
84 119.8 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: 59.229 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064907.D

Acq: 21 Jan 2020 12:45

Instrument :

MSVOA_D

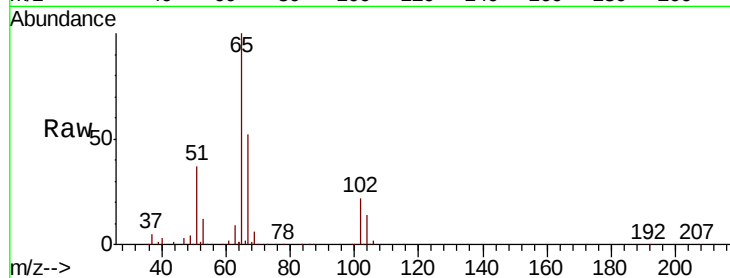
ClientSampleId :

Tot Ion: 65 Resp: 243764

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

60000

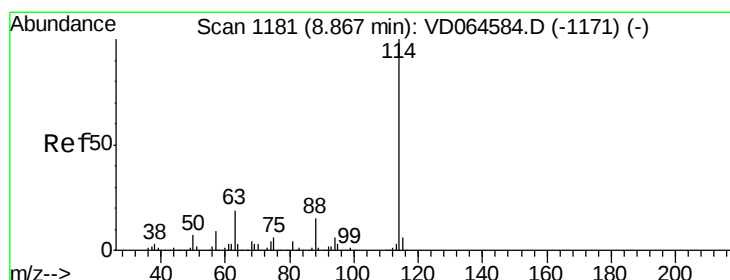
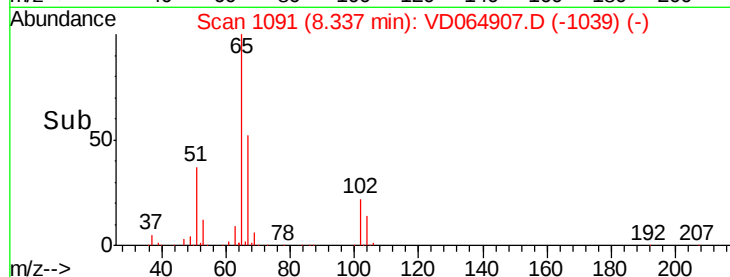
40000

20000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064907.D

Acq: 21 Jan 2020 12:45

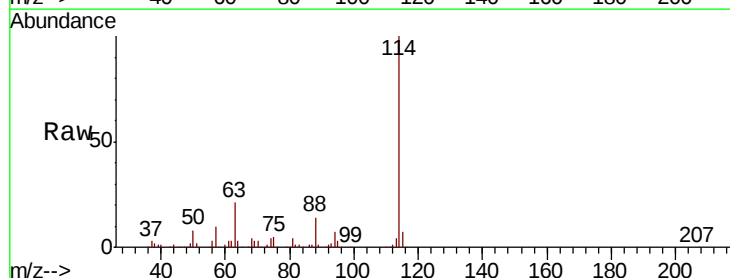
Tgt Ion: 114 Resp: 764971

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

88 14.2 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

8.87

500000

400000

300000

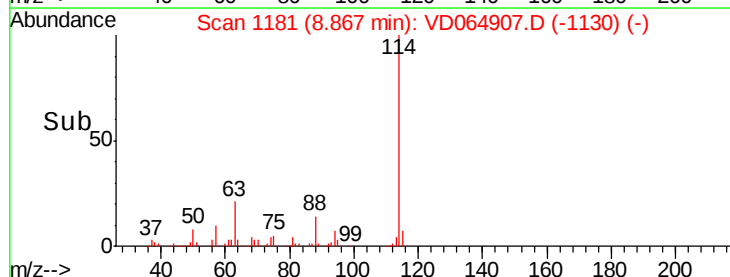
200000

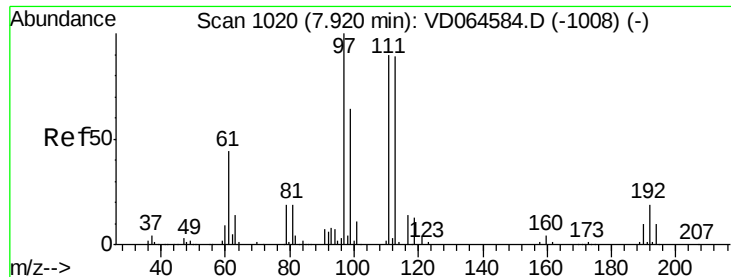
100000

0

8.80 8.90

Time-->

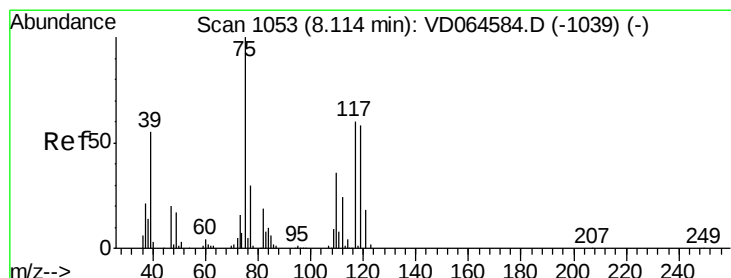
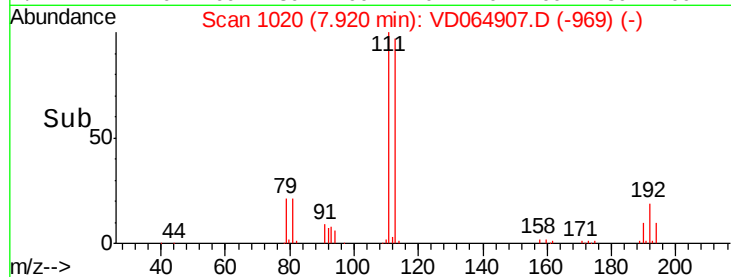
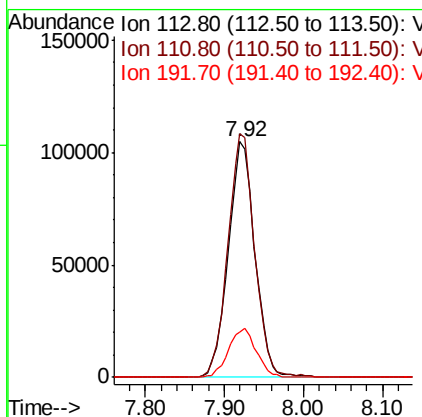
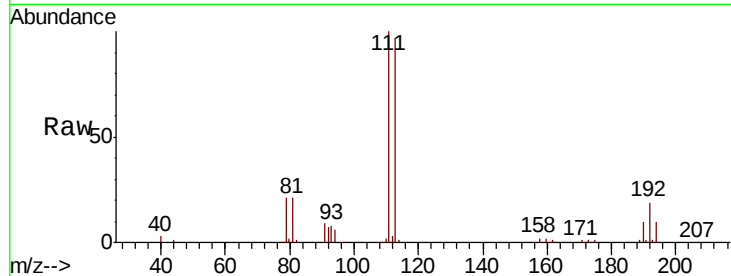




#35
 Dibromofluoromethane
 Concen: 51.983 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064907.D
 Acq: 21 Jan 2020 12:45

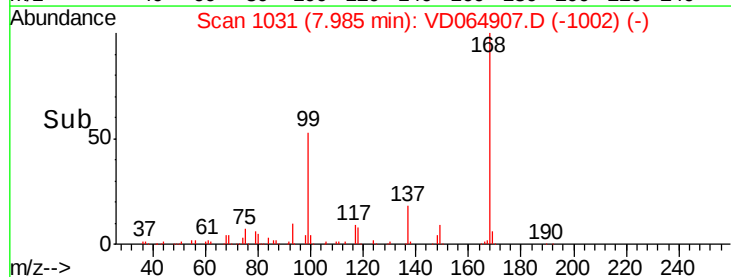
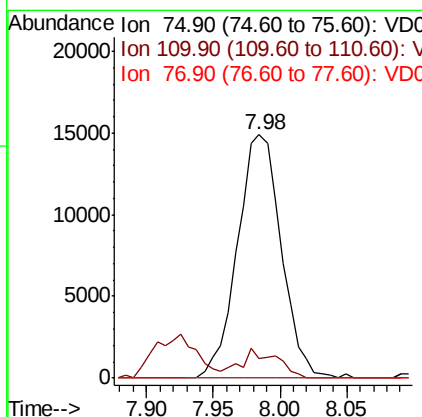
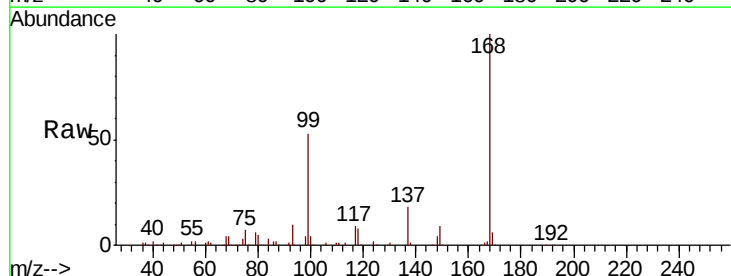
Instrument :
 MSVOA_D
 ClientSampleID :

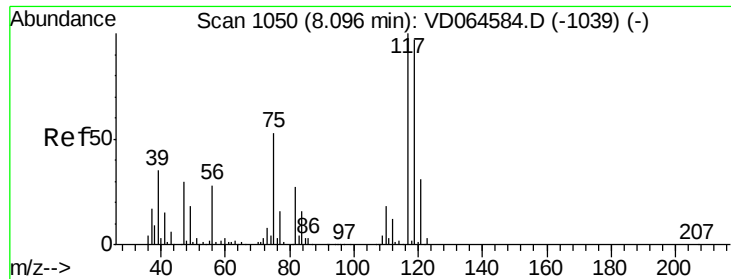
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.6	121.0
192	21.7	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.589 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064907.D
 Acq: 21 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.0	24.2	36.4#

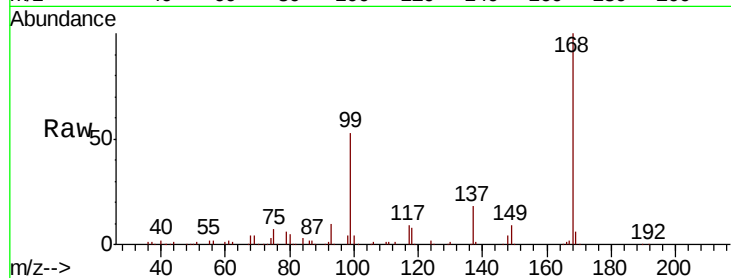




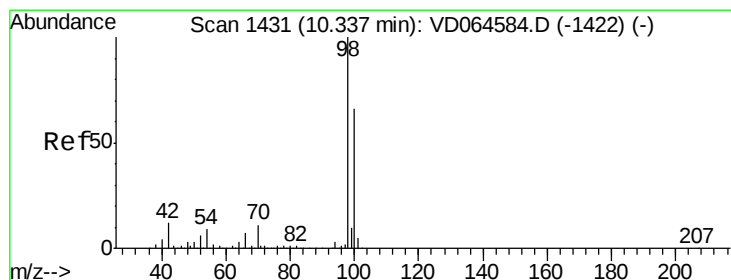
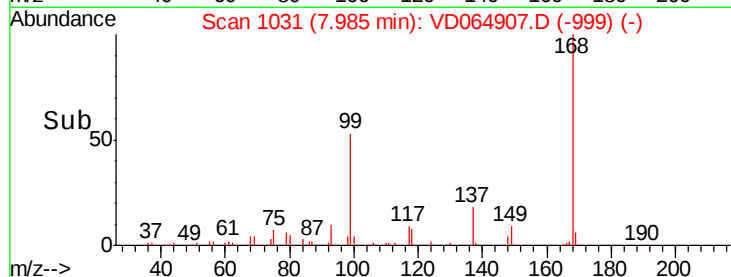
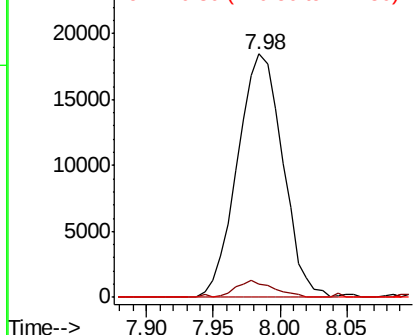
#38
Carbon Tetrachloride
Concen: 5.541 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064907.D
Acq: 21 Jan 2020 12:45

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 43499
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 25.0 37.6#

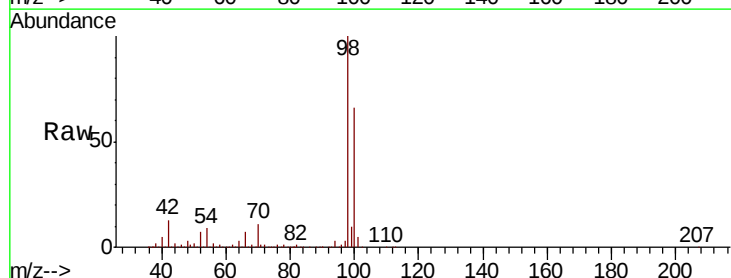


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

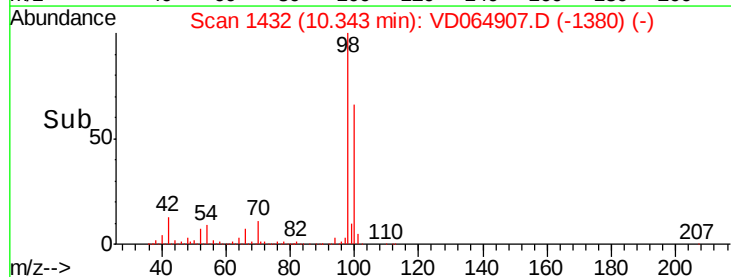
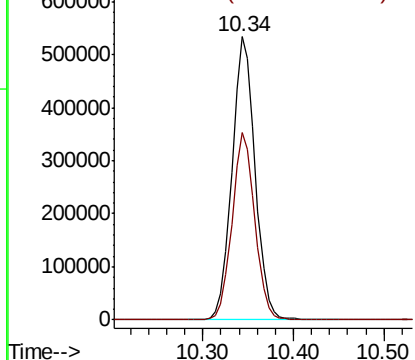


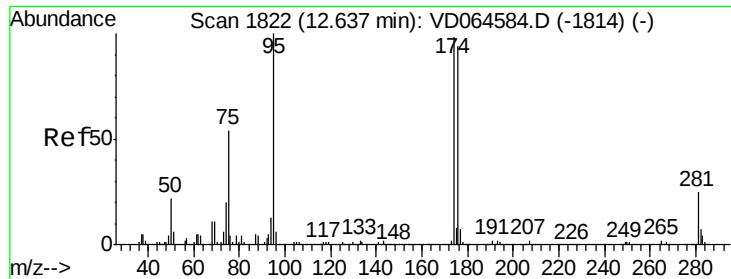
#50
Toluene-d8
Concen: 52.542 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064907.D
Acq: 21 Jan 2020 12:45

Tgt Ion: 98 Resp: 944416
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

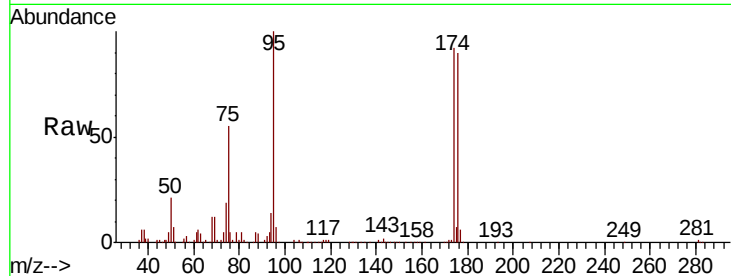




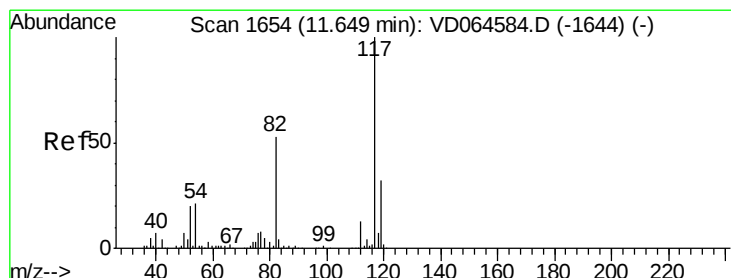
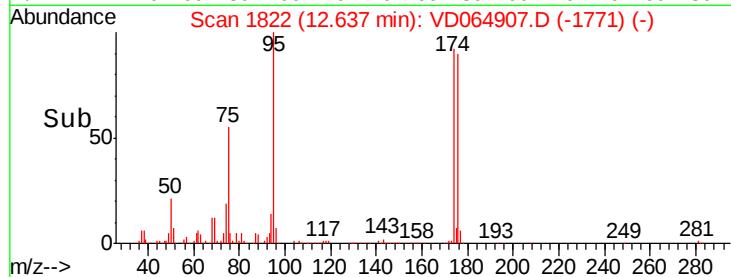
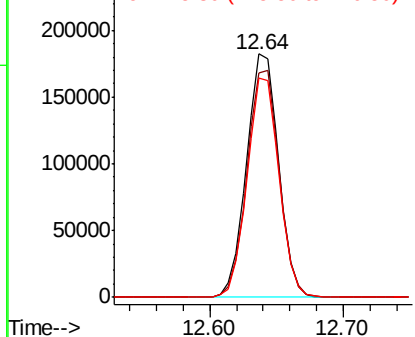
#62
4-Bromofluorobenzene
Concen: 52.912 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064907.D
Acq: 21 Jan 2020 12:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 300740
Ion Ratio Lower Upper
95 100
174 93.7 0.0 193.2
176 89.5 0.0 184.2

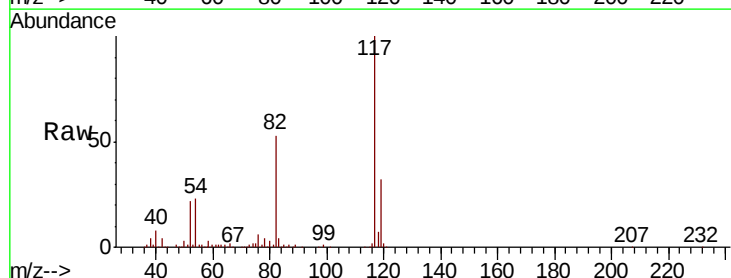


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

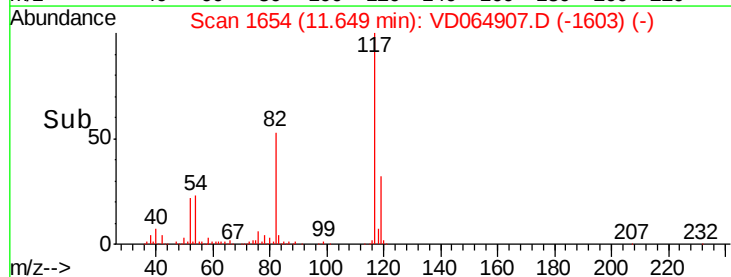
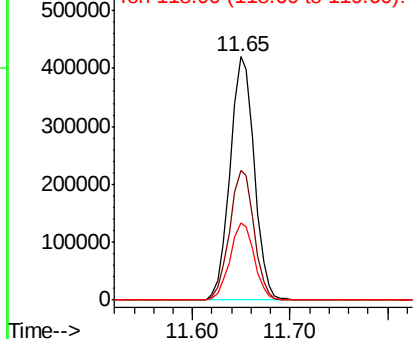


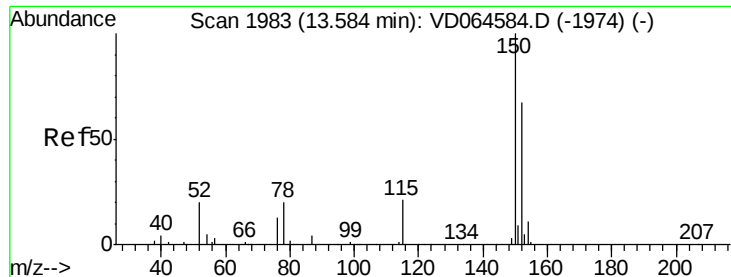
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064907.D
Acq: 21 Jan 2020 12:45

Tgt Ion: 117 Resp: 723183
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.4
119 31.6 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: VD064907.D

Acq: 21 Jan 2020 12:45

Instrument :

MSVOA_D

ClientSampled :

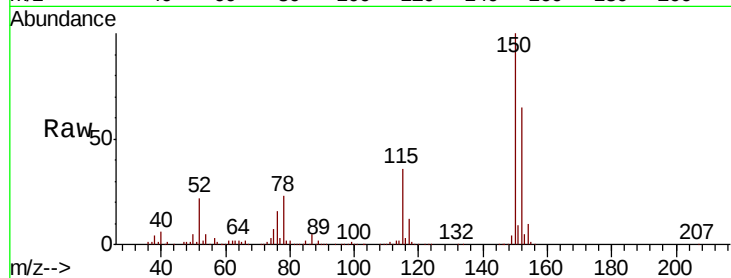
Tot Ion:152 Resp: 345173

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

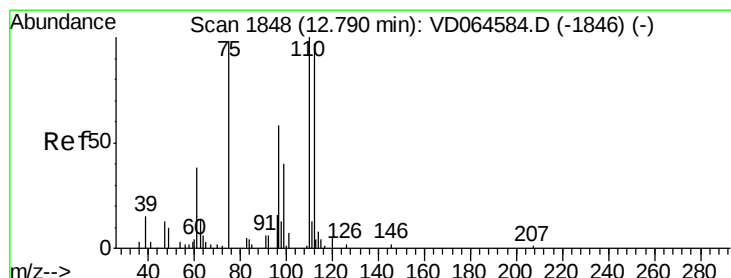
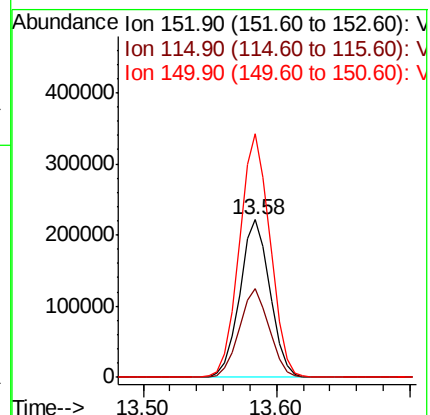
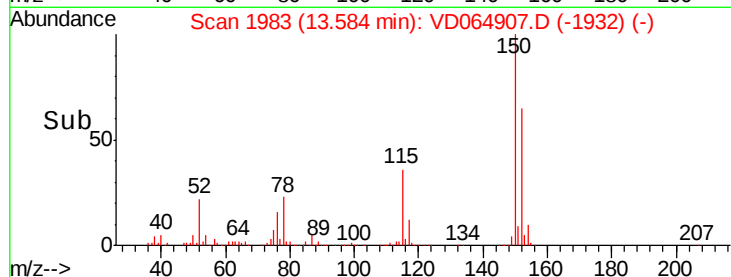
150 157.1 0.0 351.4



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: 60.270 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064907.D

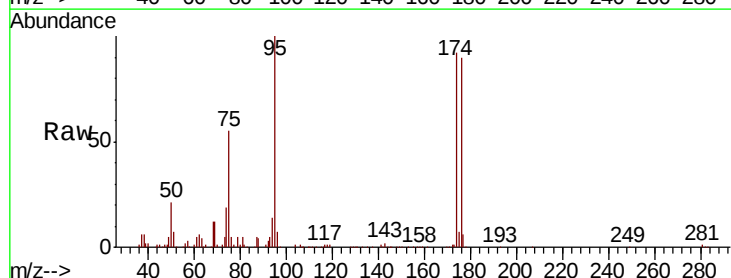
Acq: 21 Jan 2020 12:45

Tgt Ion: 75 Resp: 164279

Ion Ratio Lower Upper

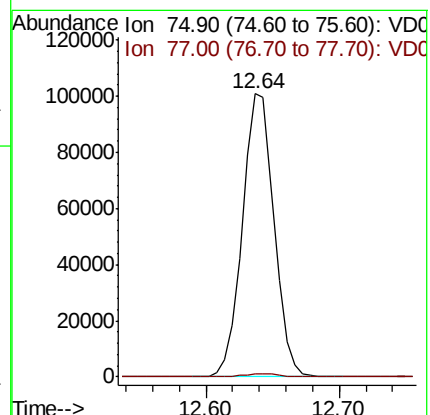
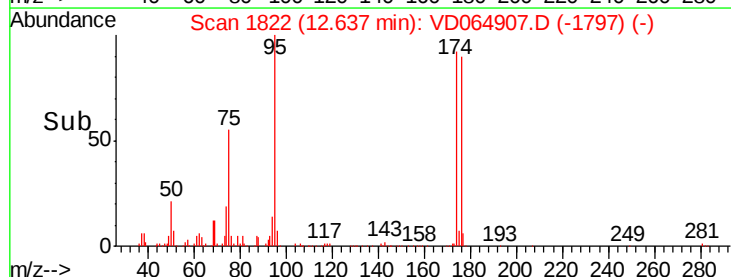
75 100

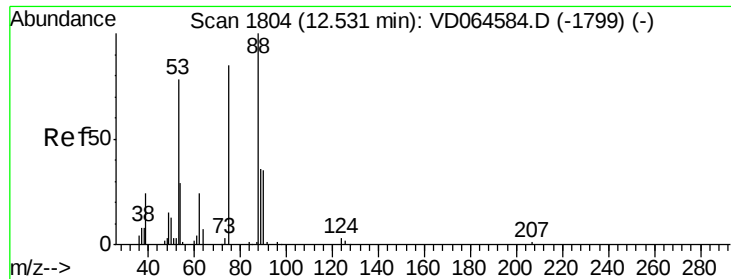
77 1.2 0.0 0.0#



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: 126.054 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064907.D

Acq: 21 Jan 2020 12:45

Instrument :

MSVOA_D

ClientSampleId :

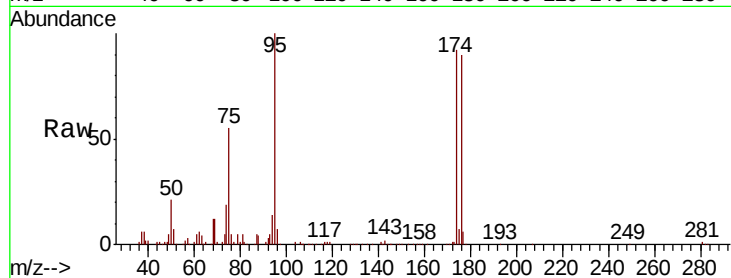
Tot Ion: 75 Resp: 164279

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 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

