

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
 Data File : VD064849.D
 Acq On : 13 Jan 2020 15:05
 Operator : VA/SY
 Sample : L1098-05
 Misc : 7.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5_13.5-14.0

Quant Time: Jan 14 11:33:54 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

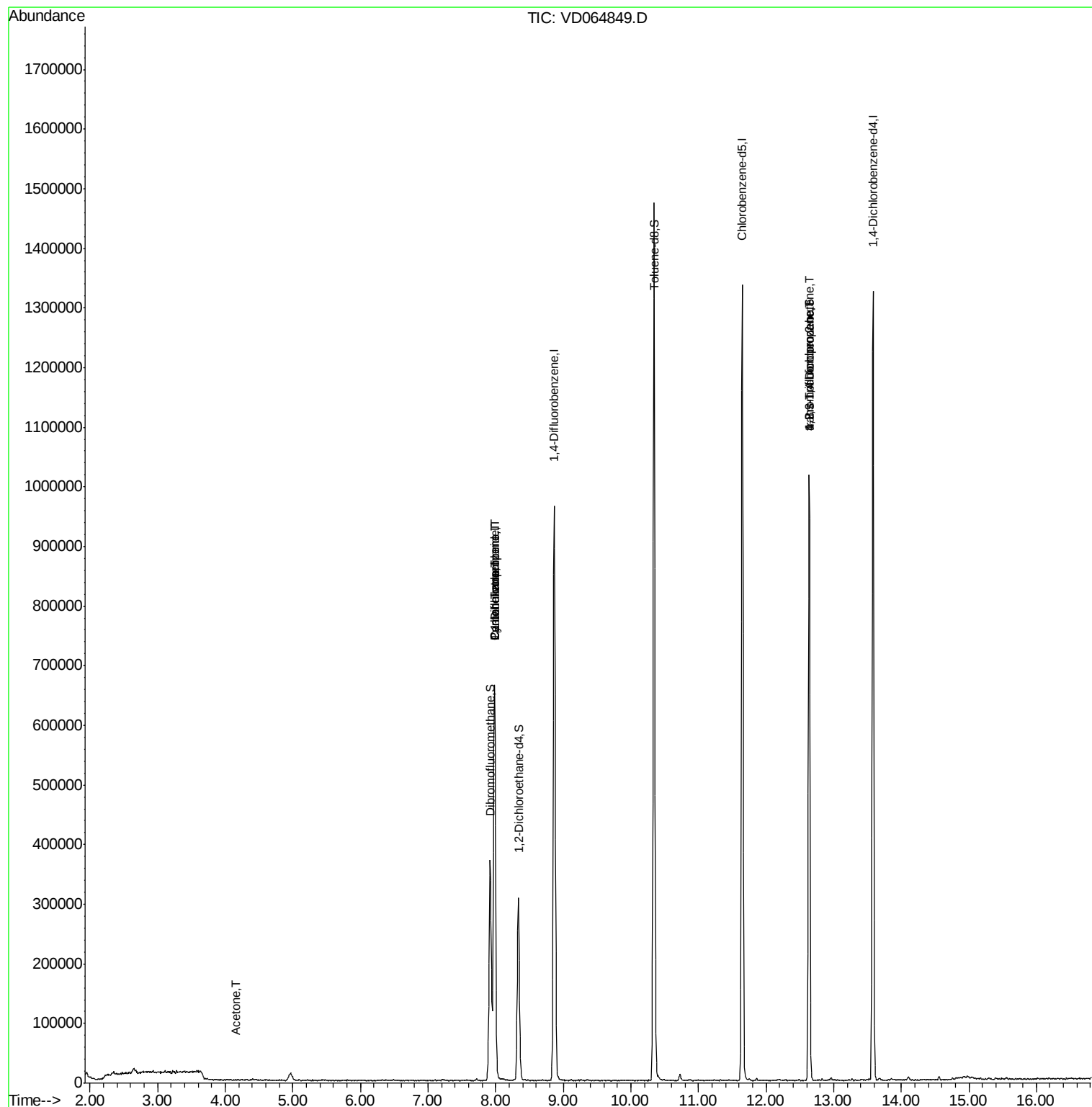
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	520936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	809768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	734550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	344844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	246377	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	7.92	113	251006	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.34	98	973429	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.64	95	304399	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
Target Compounds						
16) Acetone	4.16	43	1386	5.453	ug/l #	42
20) Methylene Chloride	4.96	84	10016	Below Cal		90
31) Cyclohexane	7.98	56	12439	1.452	ug/l #	19
36) 1,1-Dichloropropene	7.98	75	37555	4.818	ug/l #	49
38) Carbon Tetrachloride	7.98	117	48544	5.841	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	163414	60.010	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	163414	125.510	ug/l #	10

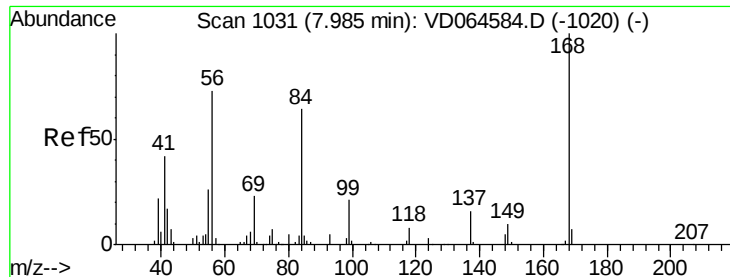
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
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SB-5_13.5-14.0

Quant Time: Jan 14 11:33:54 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: VD064849.D

Acq: 13 Jan 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

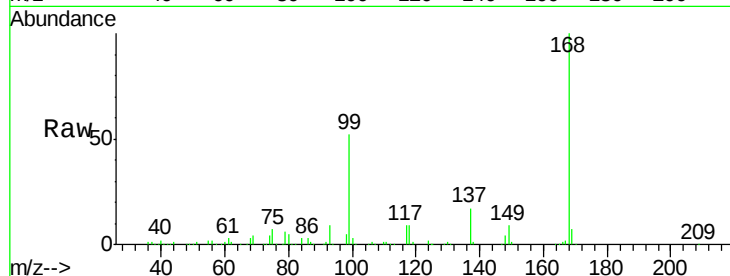
SB-5_13.5-14.0

Tgt Ion:168 Resp: 520936

Ion Ratio Lower Upper

168 100

99 52.3 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

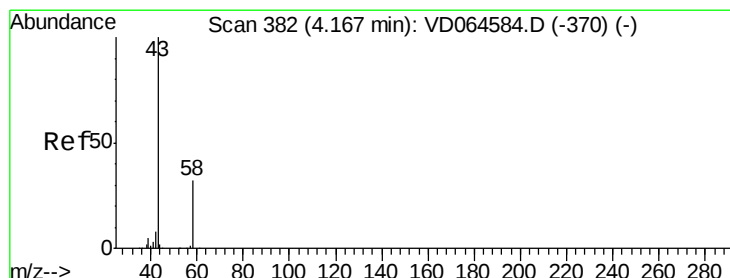
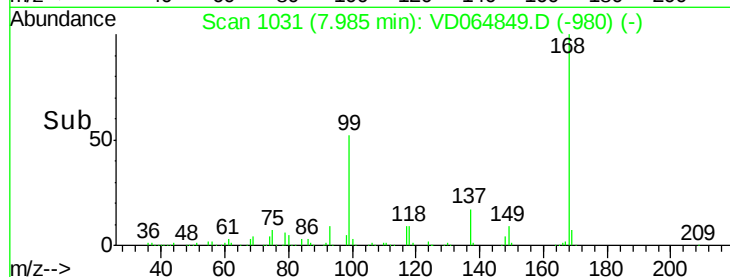
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.453 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064849.D

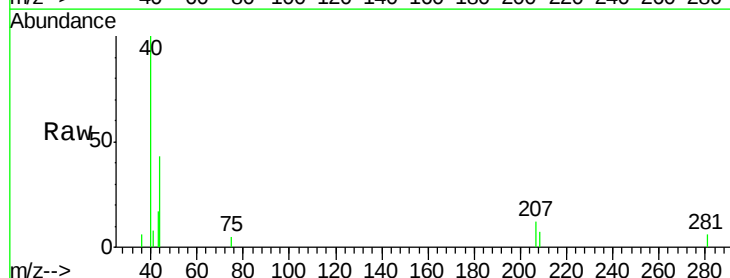
Acq: 13 Jan 2020 15:05

Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

58 0.0 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

600

500

400

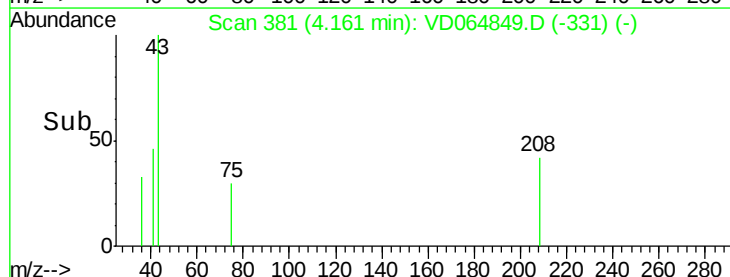
300

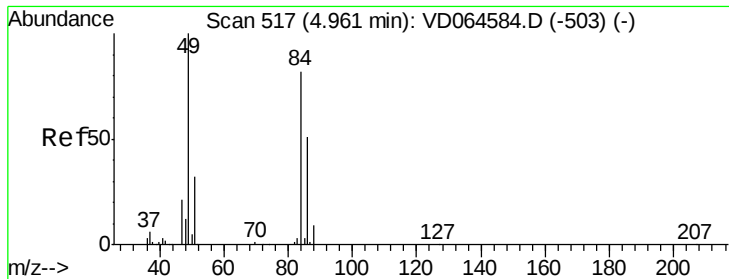
200

100

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

SB-5_13.5-14.0

Tgt Ion: 84 Resp: 10016

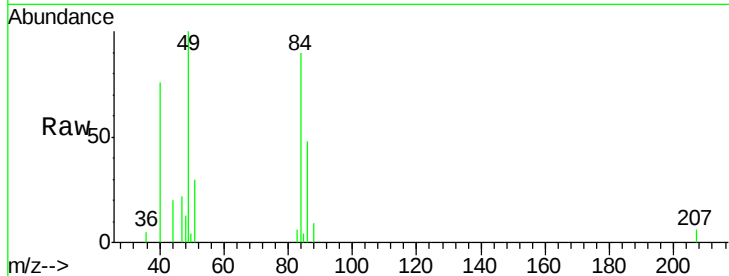
Ion Ratio Lower Upper

84 100

49 111.0 97.2 145.8

51 33.8 31.4 47.0

86 53.4 49.3 73.9

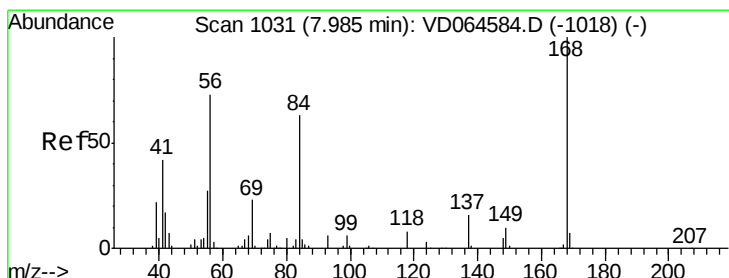
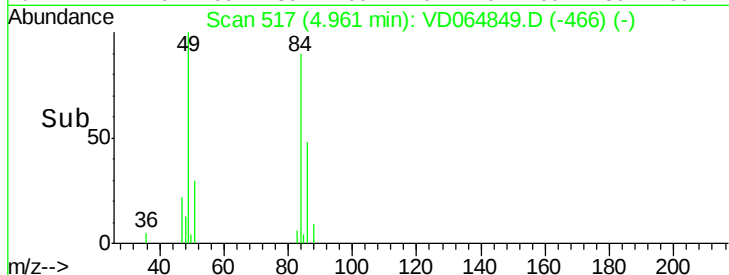
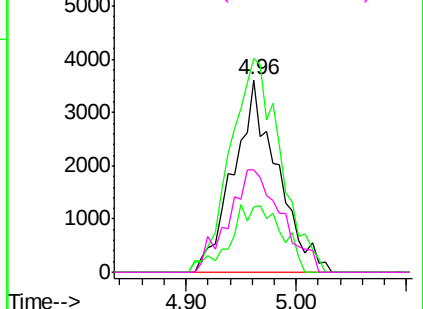


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.452 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

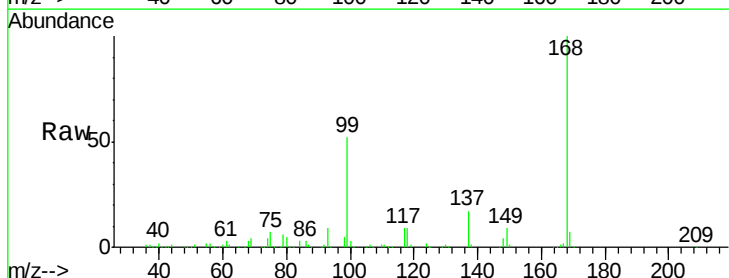
Tgt Ion: 56 Resp: 12439

Ion Ratio Lower Upper

56 100

69 157.4 24.7 37.1#

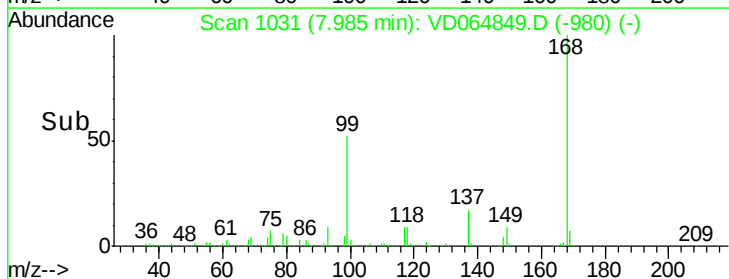
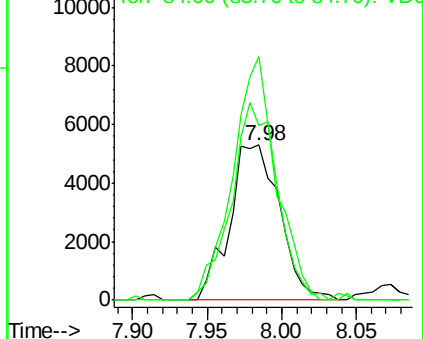
84 112.6 69.4 104.2#

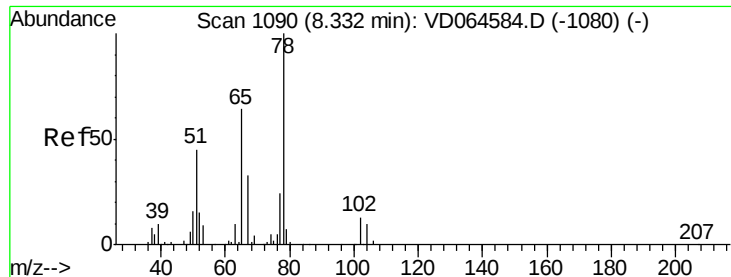


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.635 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

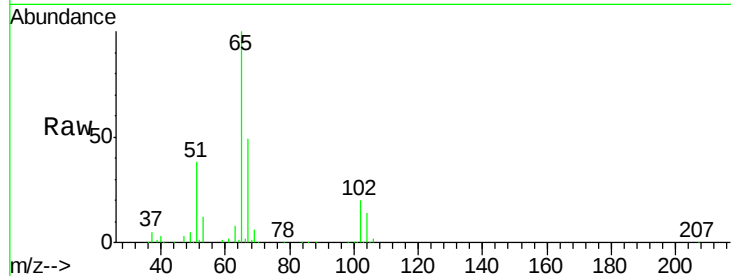
SB-5_13.5-14.0

Tgt Ion: 65 Resp: 246377

Ion Ratio Lower Upper

65 100

67 50.4 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

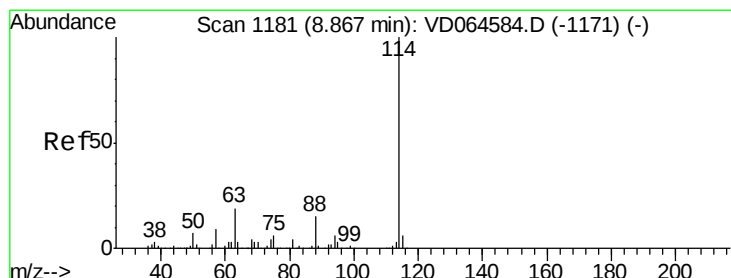
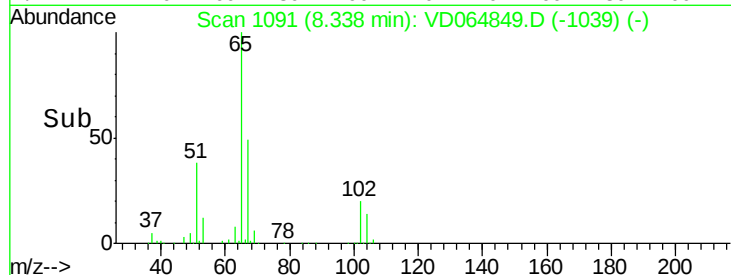
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

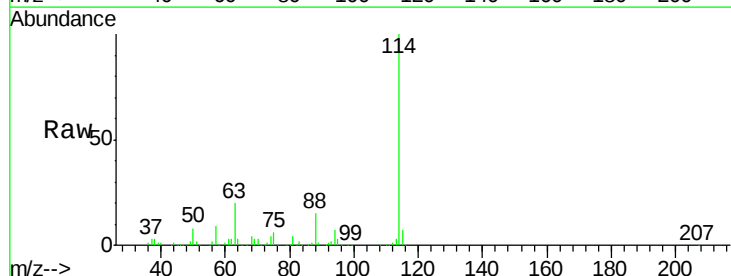
Tgt Ion: 114 Resp: 809768

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.0

88 14.7 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

500000

400000

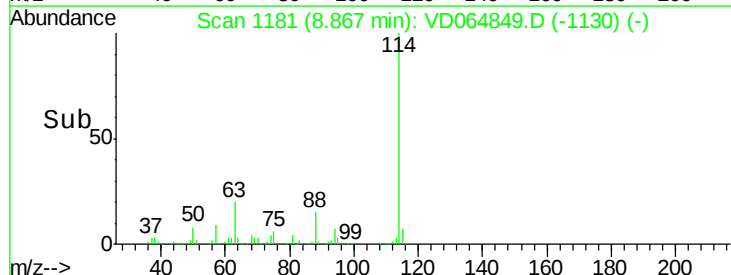
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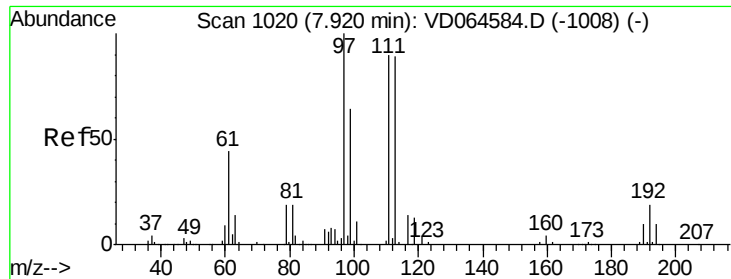
200000

100000

0

Time--> 8.80 8.90 9.00

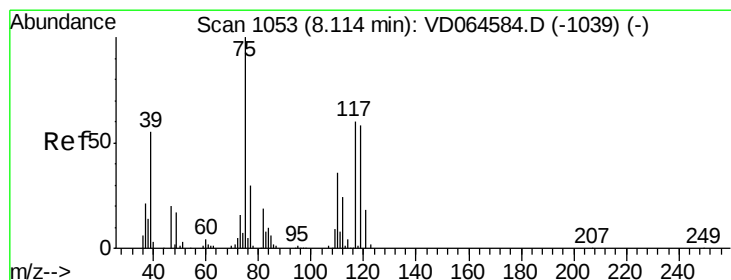
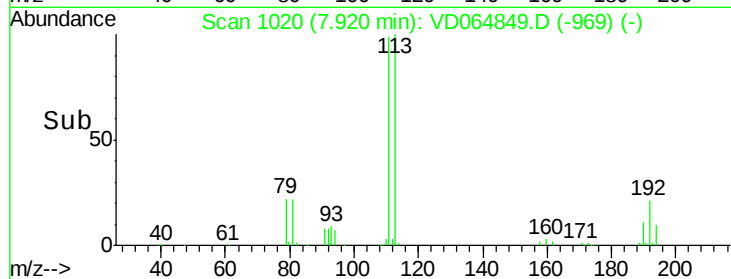
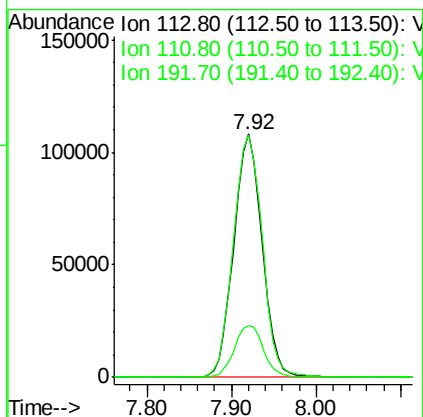
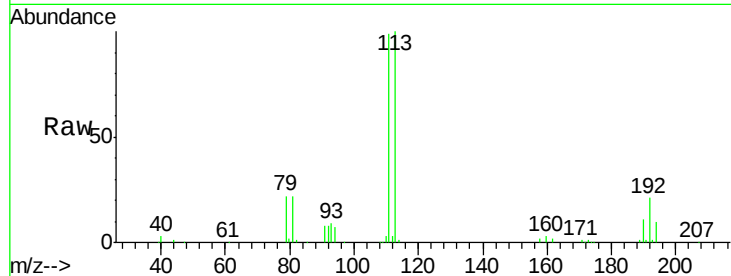




#35
 Dibromofluoromethane
 Concen: 50.524 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064849.D
 Acq: 13 Jan 2020 15:05

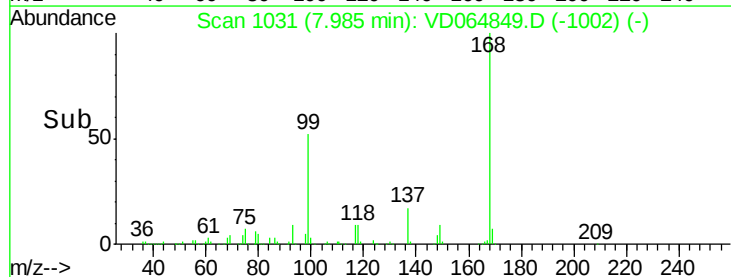
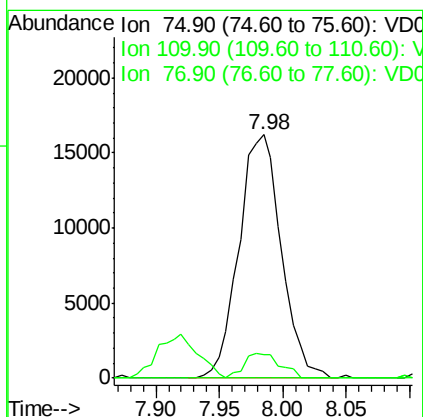
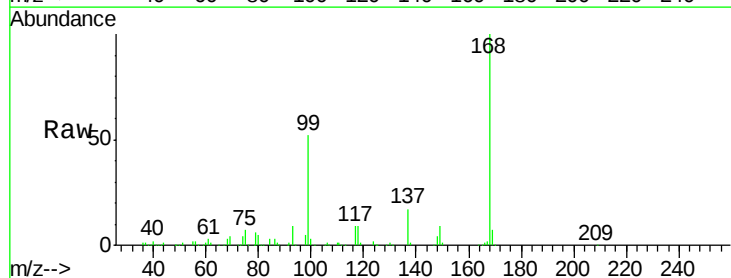
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5_13.5-14.0

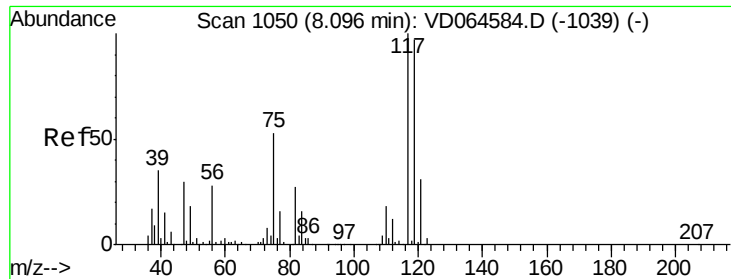
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.6	121.0
192	21.7	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.818 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064849.D
 Acq: 13 Jan 2020 15:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.1#
77	0.0	24.2	36.4#

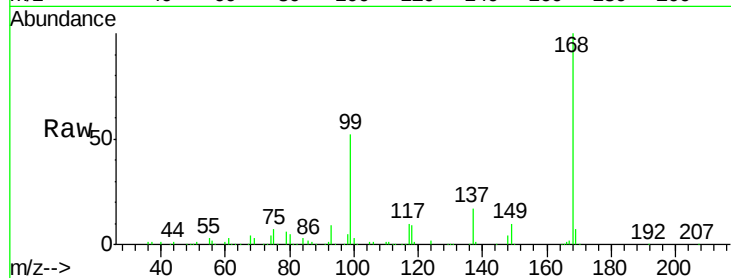




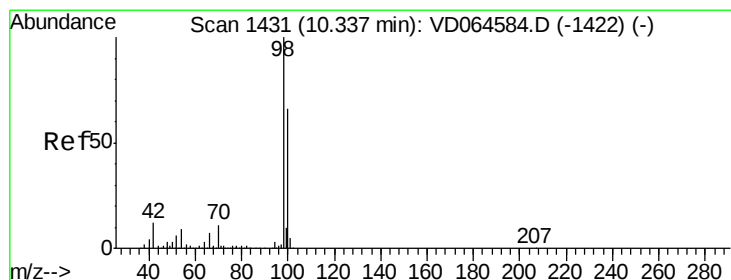
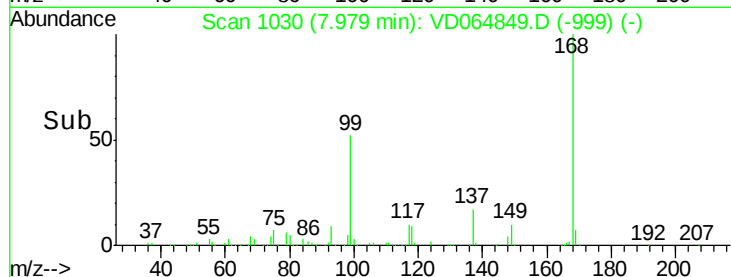
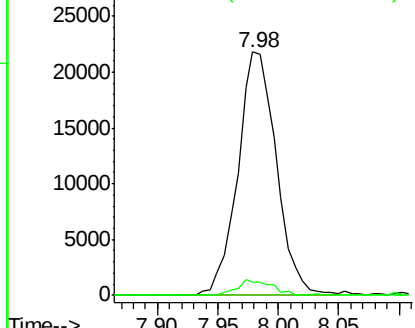
#38
Carbon Tetrachloride
Concen: 5.841 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064849.D
Acq: 13 Jan 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :
SB-5_13.5-14.0

Tgt Ion:117 Resp: 48544
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 25.0 37.6#

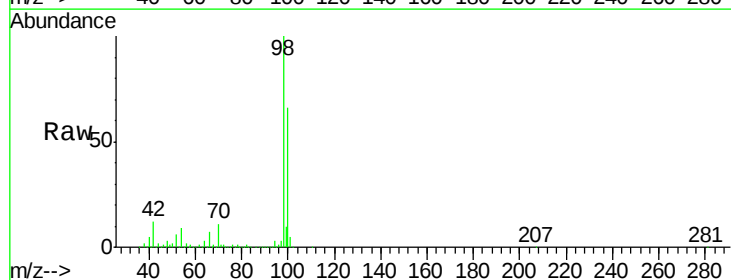


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

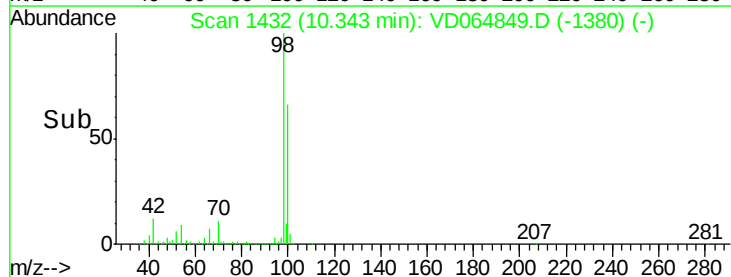
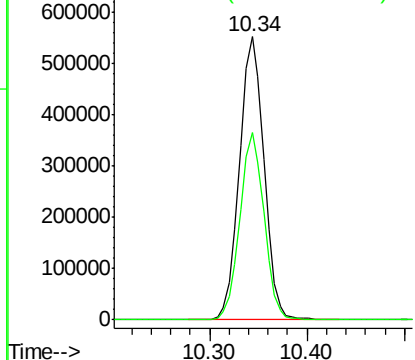


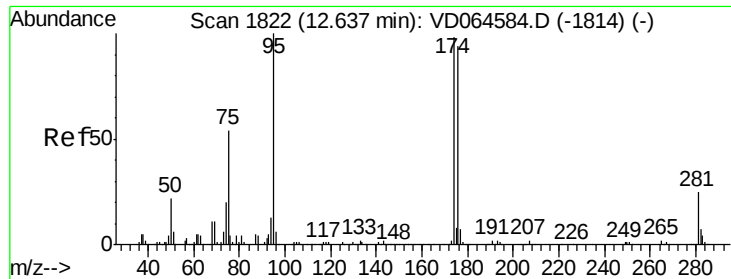
#50
Toluene-d8
Concen: 51.160 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064849.D
Acq: 13 Jan 2020 15:05

Tgt Ion: 98 Resp: 973429
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

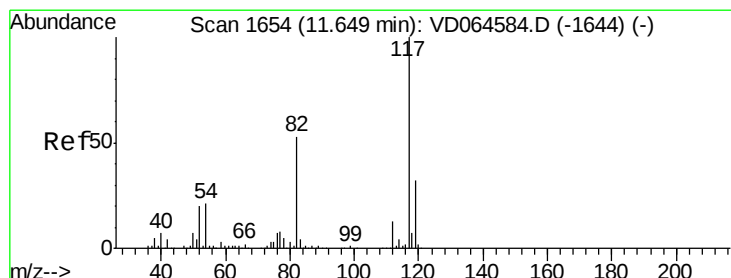
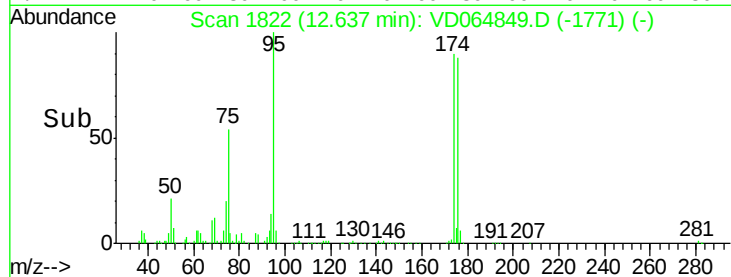
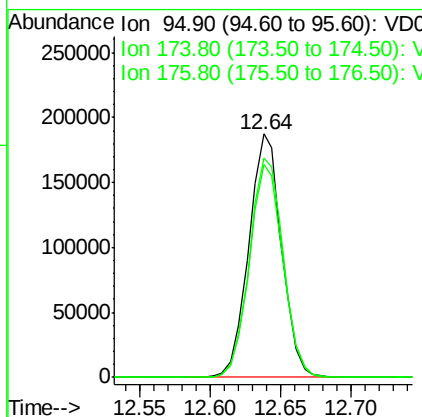
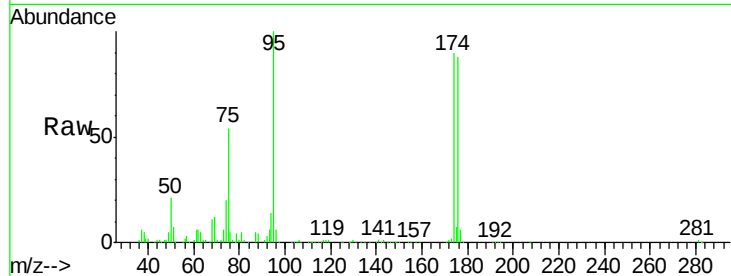




#62
4-Bromofluorobenzene
Concen: 50.593 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064849.D
Acq: 13 Jan 2020 15:05

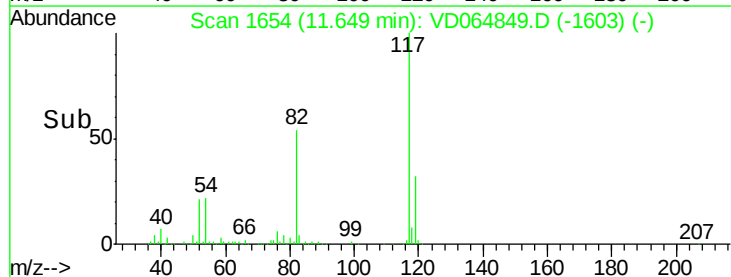
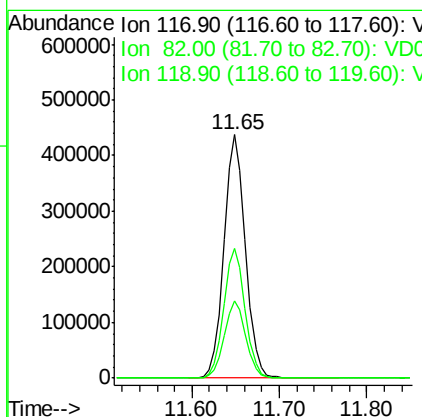
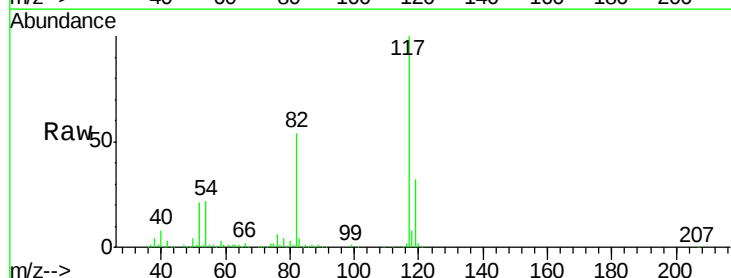
Instrument :
MSVOA_D
ClientSampleId :
SB-5_13.5-14.0

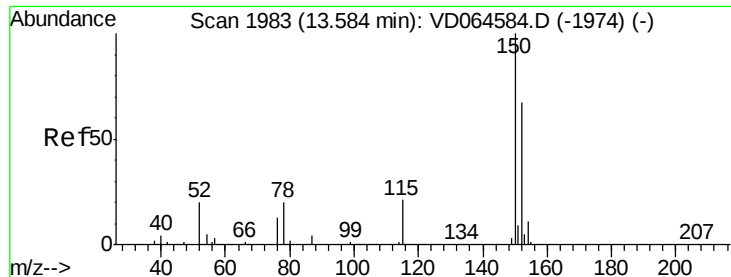
Tgt Ion: 95 Resp: 304399
Ion Ratio Lower Upper
95 100
174 93.2 0.0 193.2
176 89.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064849.D
Acq: 13 Jan 2020 15:05

Tgt Ion: 117 Resp: 734550
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

SB-5_13.5-14.0

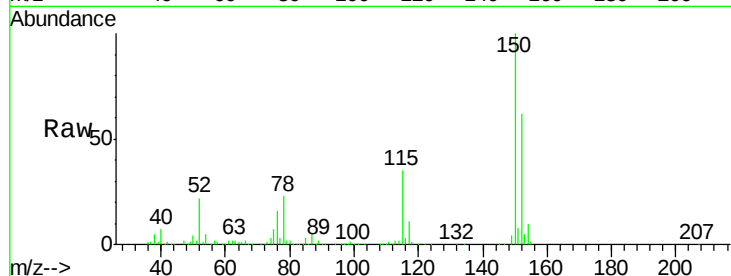
Tgt Ion:152 Resp: 344844

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

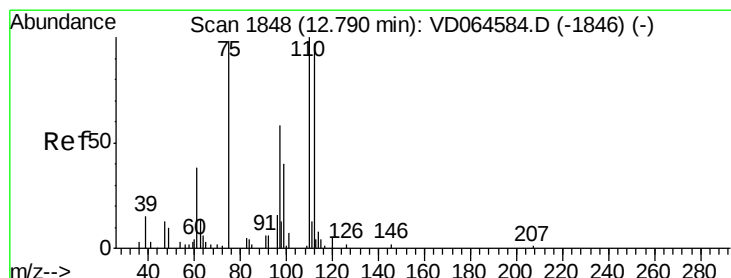
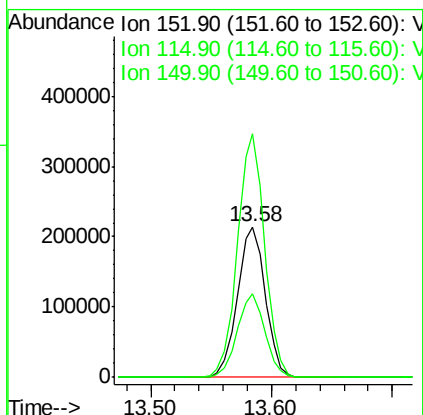
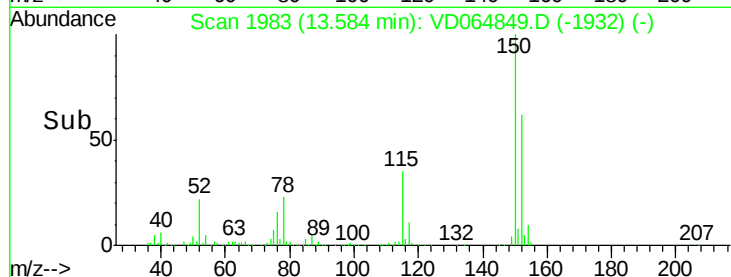
150 157.4 0.0 351.4



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: 60.010 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064849.D

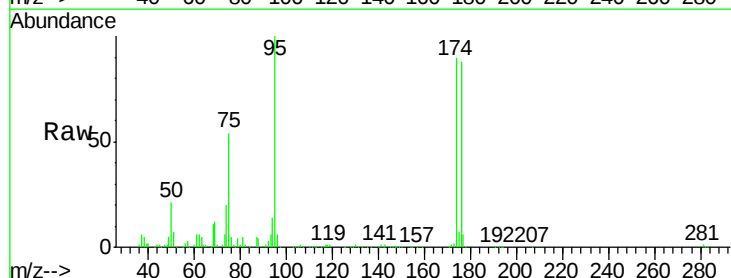
Acq: 13 Jan 2020 15:05

Tgt Ion: 75 Resp: 163414

Ion Ratio Lower Upper

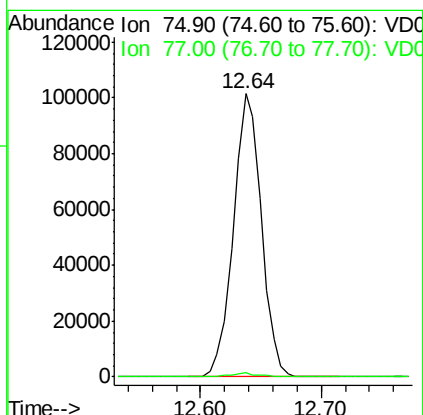
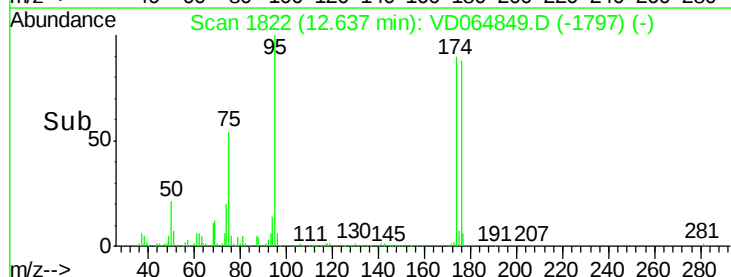
75 100

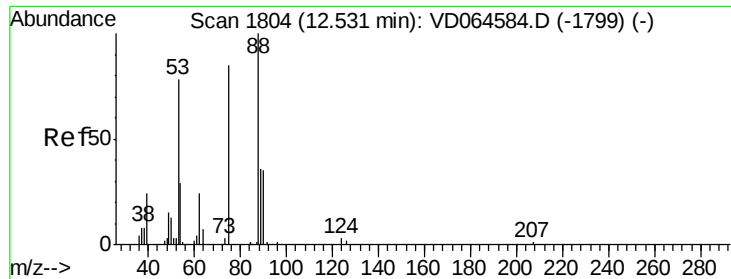
77 1.4 0.0 0.0#



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: 125.510 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

SB-5_13.5-14.0

Tgt Ion: 75 Resp: 163414

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#

