

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
 Data File : VD064847.D
 Acq On : 13 Jan 2020 14:08
 Operator : VA/SY
 Sample : L1098-03
 Misc : 7.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3 13.0-13.5

Quant Time: Jan 14 11:33:28 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

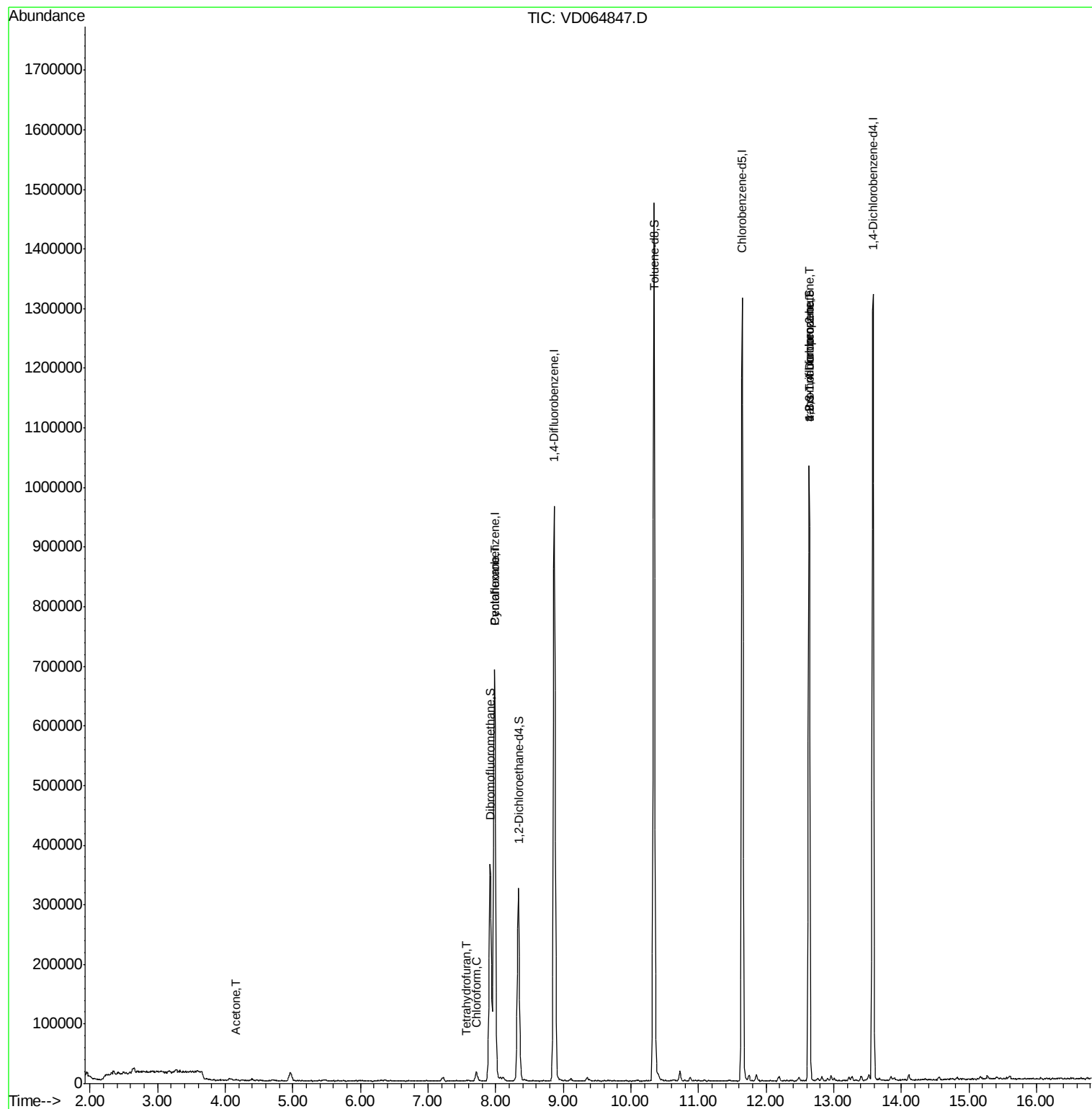
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	523073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	815900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	751135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	255320	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
35) Dibromofluoromethane	7.92	113	255582	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.34	98	976493	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.64	95	311105	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
16) Acetone	4.16	43	788	4.907	ug/l #	42
20) Methylene Chloride	4.96	84	10630	Below Cal	#	82
29) Tetrahydrofuran	7.57	42	807	1.024	ug/l #	40
30) Chloroform	7.71	83	13042	1.447	ug/l	93
31) Cyclohexane	7.98	56	13423	1.561	ug/l #	36
76) 1,2,3-Trichloropropane	12.64	75	167575	59.997	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	167575	125.482	ug/l #	10

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

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SB-3_13.0-13.5

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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: VD064847.D

Acq: 13 Jan 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

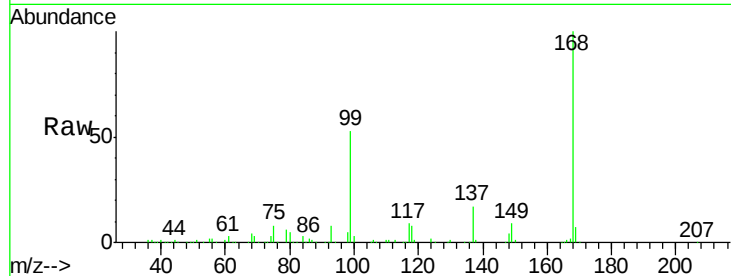
SB-3 13.0-13.5

Tgt Ion:168 Resp: 523073

Ion Ratio Lower Upper

168 100

99 52.6 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

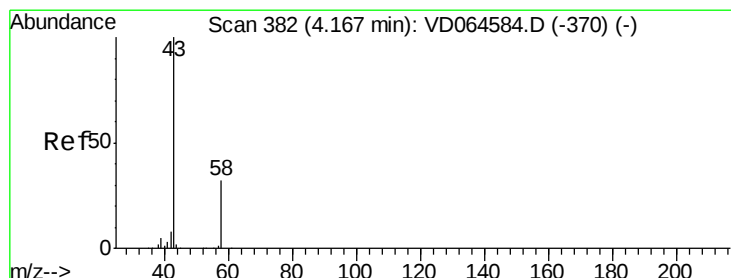
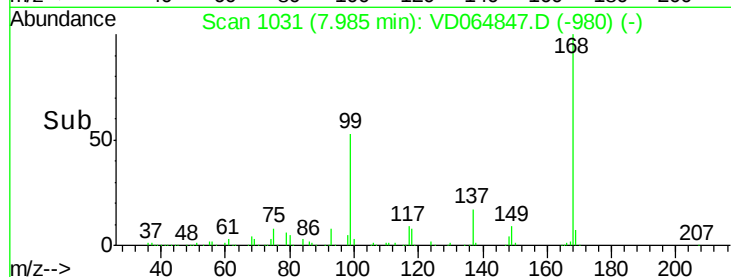
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.907 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD064847.D

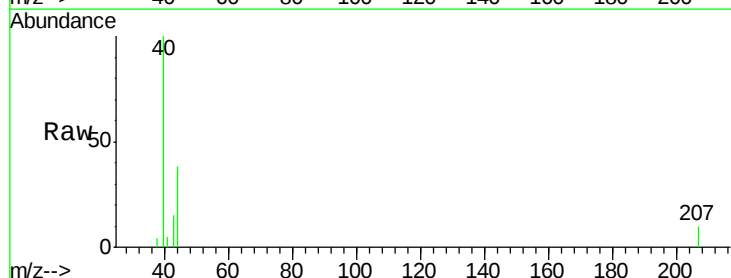
Acq: 13 Jan 2020 14:08

Tgt Ion: 43 Resp: 788

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

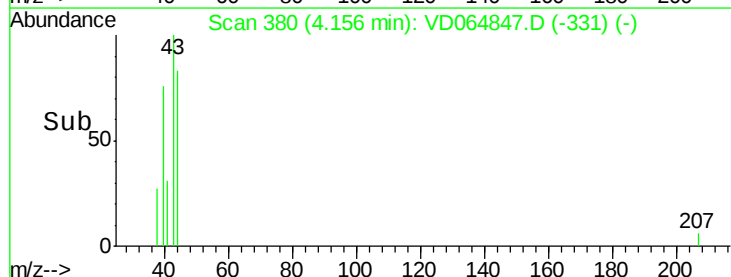
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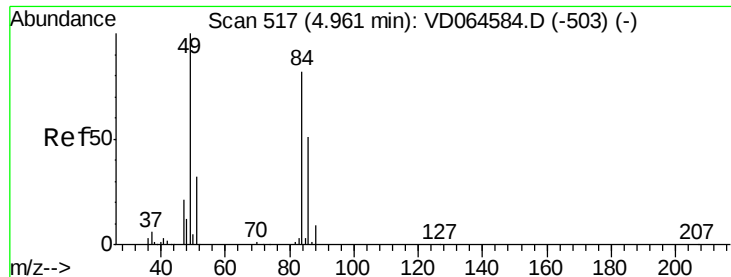
400

200

0

Time-->

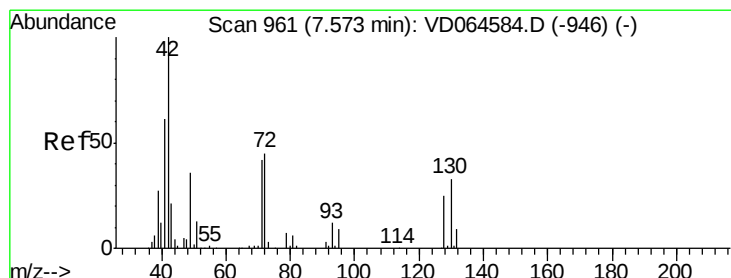
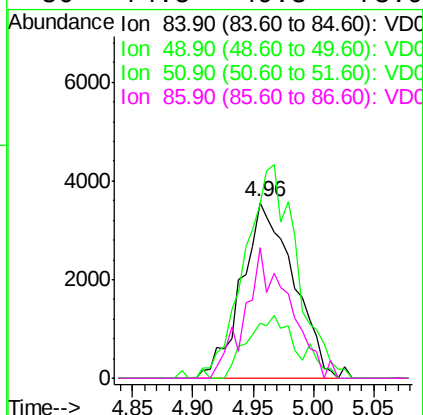
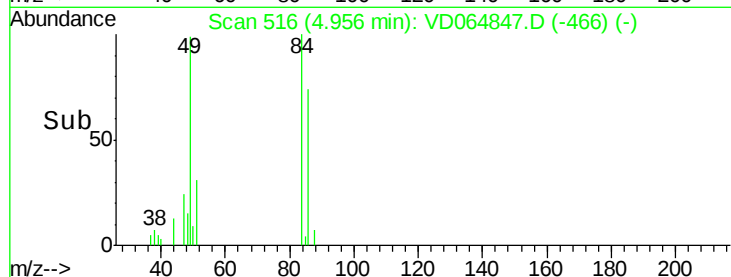
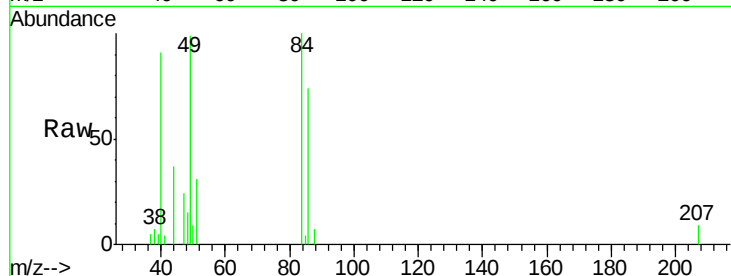




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

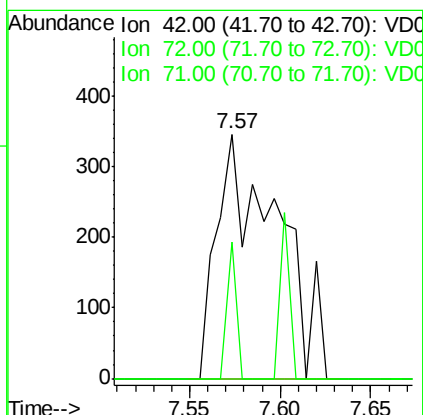
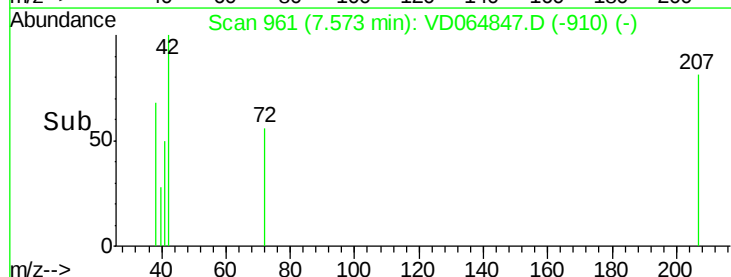
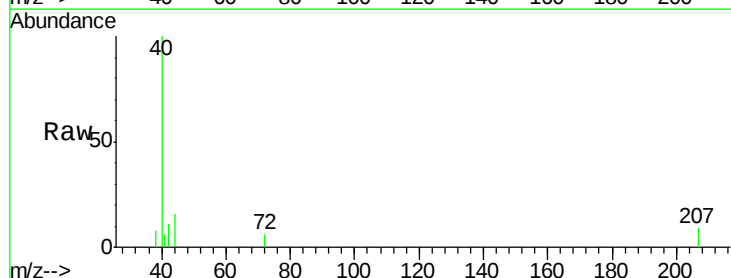
Instrument :
MSVOA_D
ClientSampleId :
SB-3_13.0-13.5

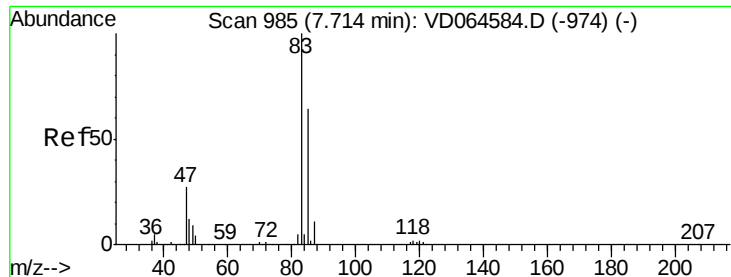
Tgt Ion: 84 Resp: 10630
Ion Ratio Lower Upper
84 100
49 99.2 97.2 145.8
51 31.4 31.4 47.0#
86 74.5 49.3 73.9#



#29
Tetrahydrofuran
Concen: 1.024 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

Tgt Ion: 42 Resp: 807
Ion Ratio Lower Upper
42 100
72 8.4 35.0 52.4#
71 0.0 32.9 49.3#

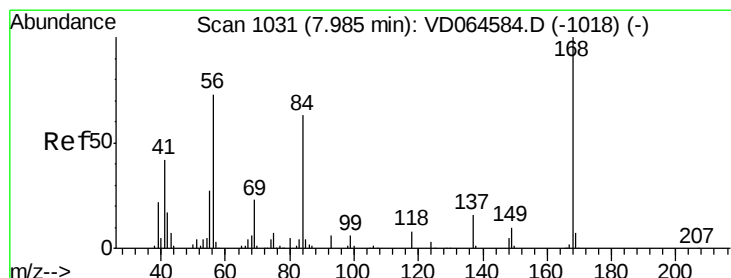
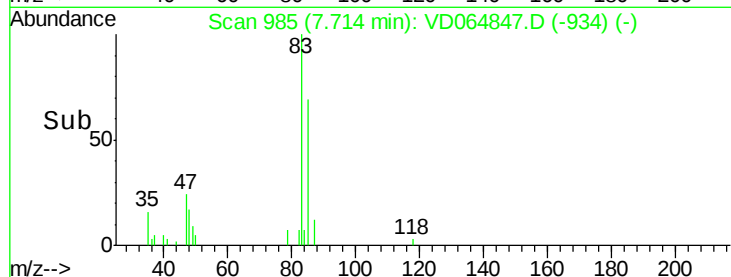
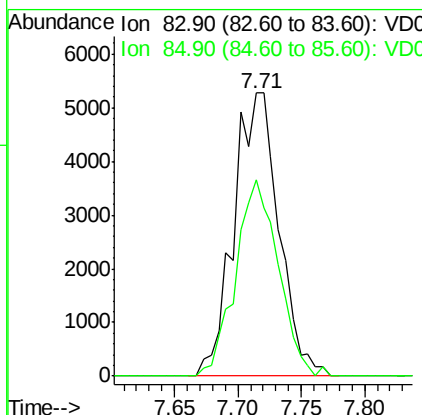
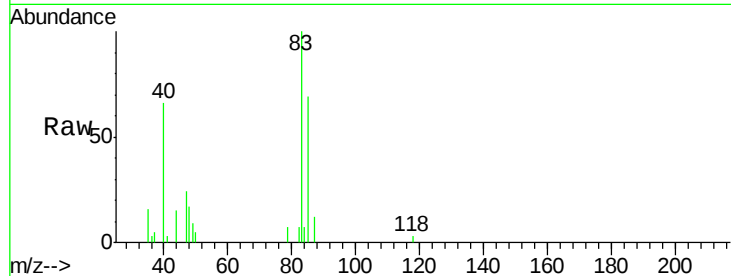




#30
Chloroform
Concen: 1.447 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

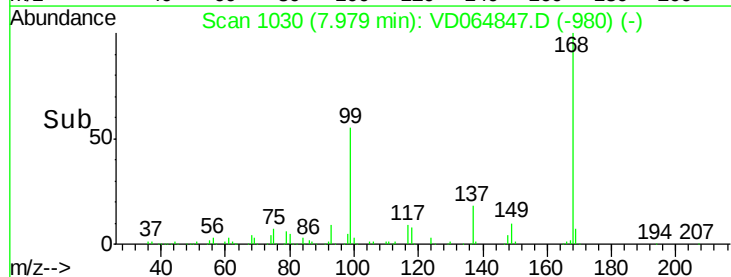
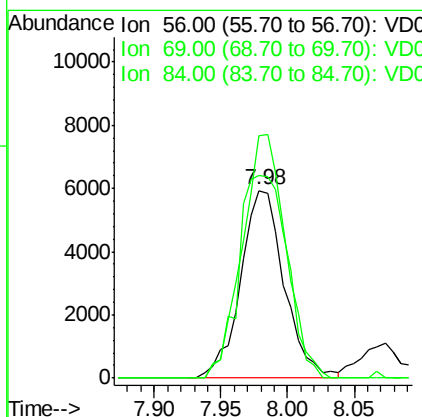
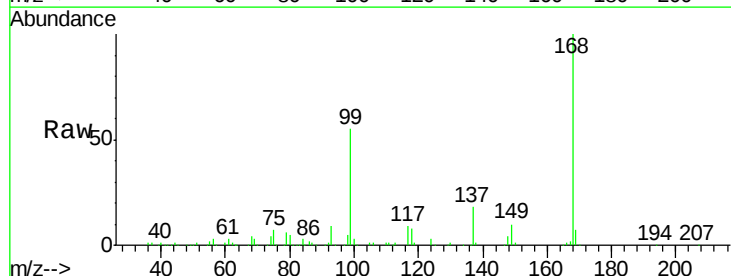
Instrument :
MSVOA_D
ClientSampleId :
SB-3_13.0-13.5

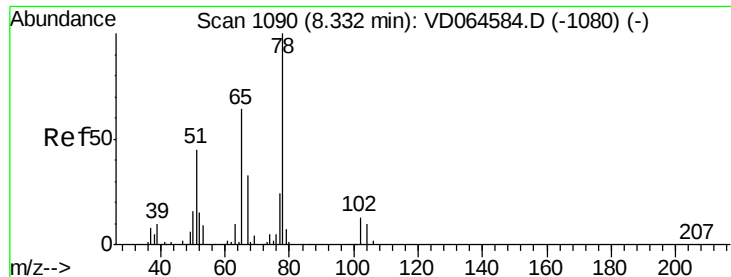
Tgt Ion: 83 Resp: 13042
Ion Ratio Lower Upper
83 100
85 69.3 51.1 76.7



#31
Cyclohexane
Concen: 1.561 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

Tgt Ion: 56 Resp: 13423
Ion Ratio Lower Upper
56 100
69 129.3 24.7 37.1#
84 107.9 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 55.355 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064847.D

Acq: 13 Jan 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

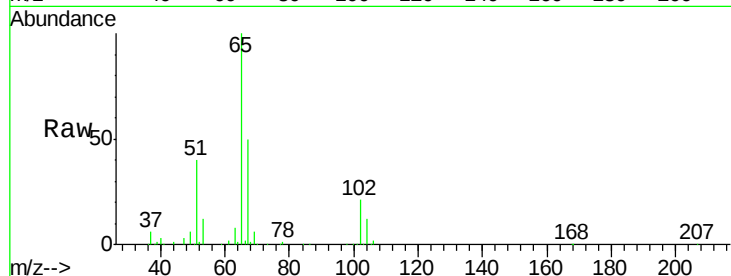
SB-3_13.0-13.5

Tgt Ion: 65 Resp: 255320

Ion Ratio Lower Upper

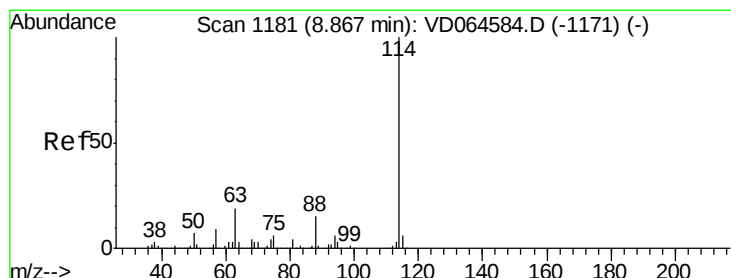
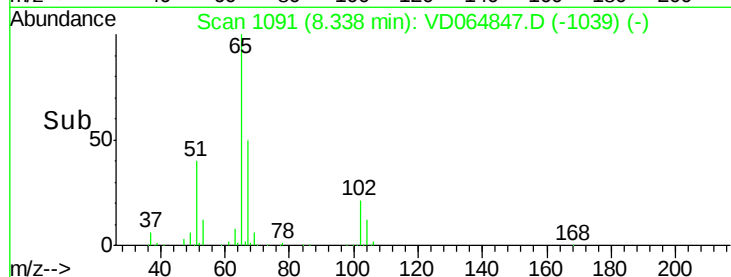
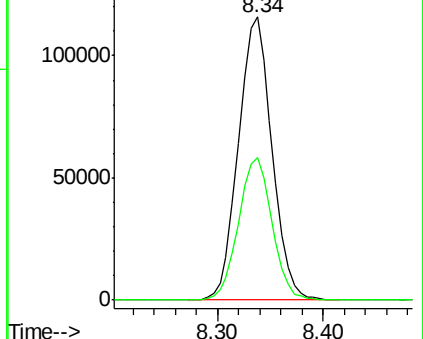
65 100

67 50.6 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: VD064847.D

Acq: 13 Jan 2020 14:08

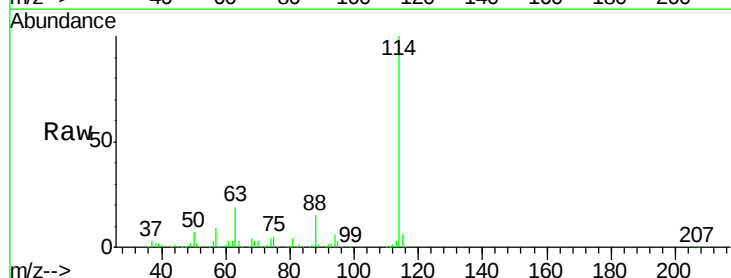
Tgt Ion: 114 Resp: 815900

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

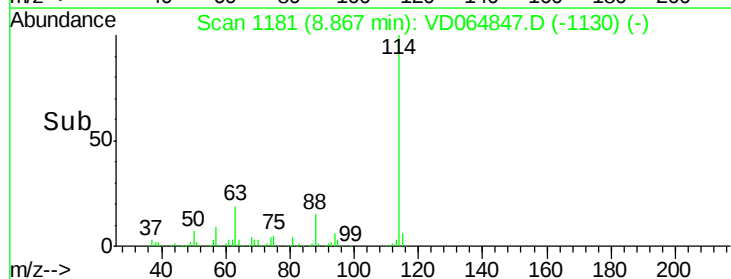
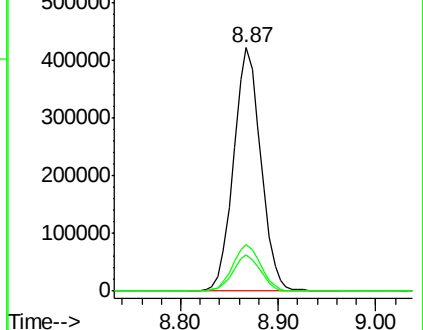
88 15.0 0.0 29.2

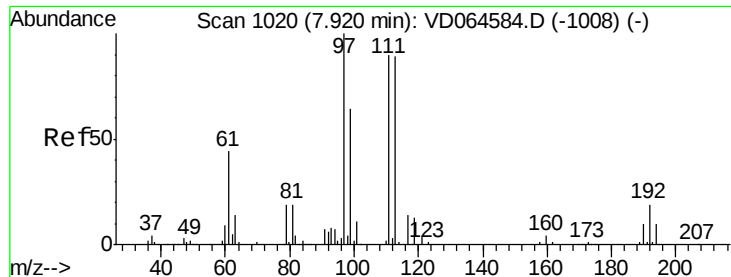


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

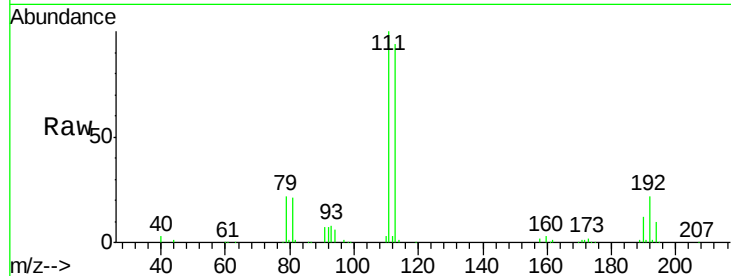




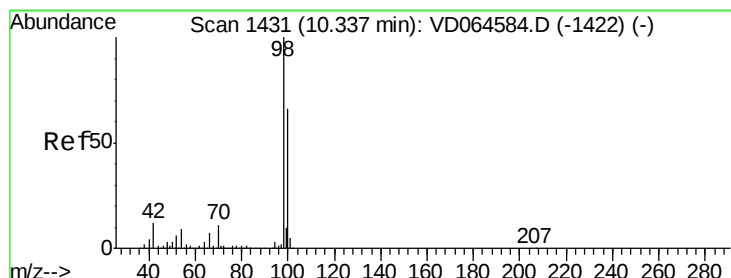
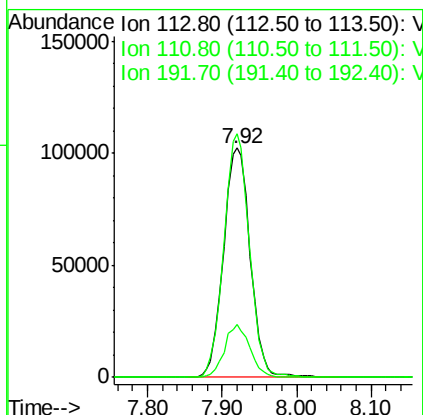
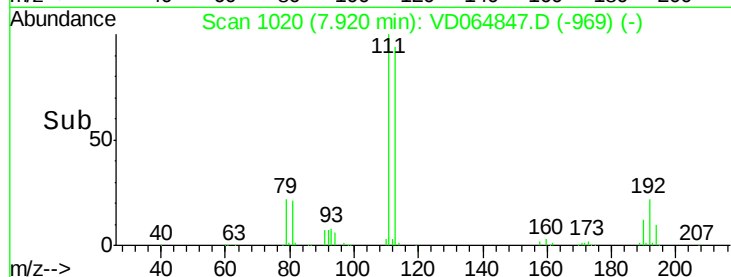
#35
Dibromofluoromethane
Concen: 51.058 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
SB-3_13.0-13.5

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.6	121.0
192	21.6	17.9	26.9

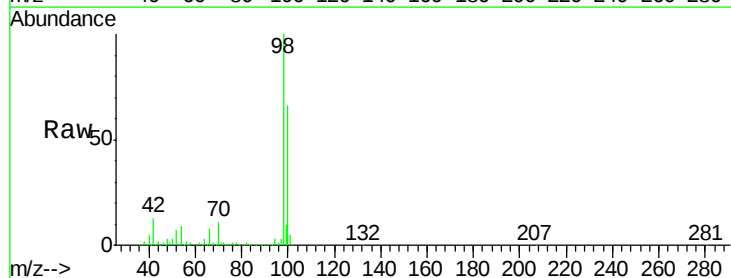


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

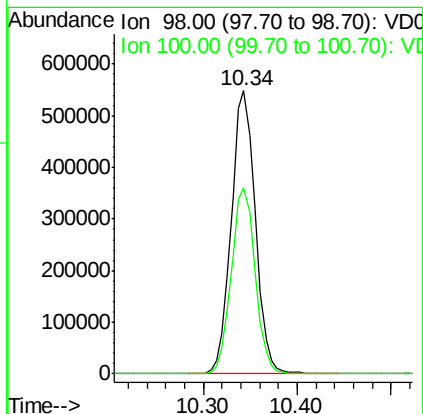
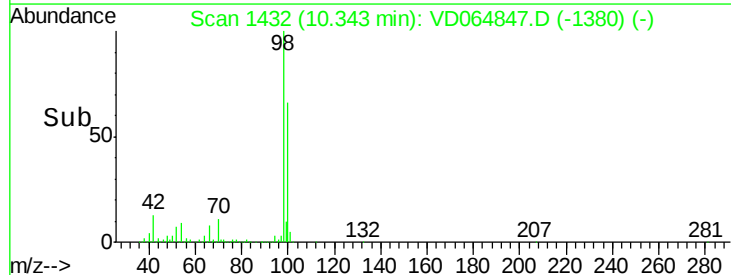


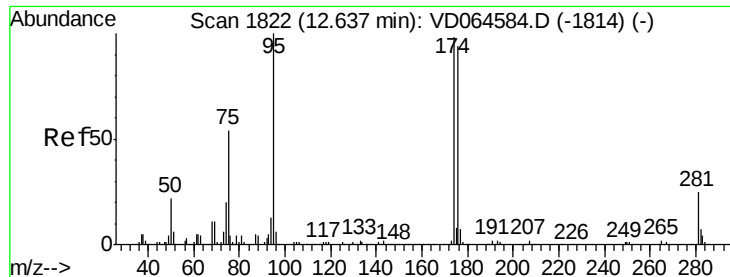
#50
Toluene-d8
Concen: 50.935 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5



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

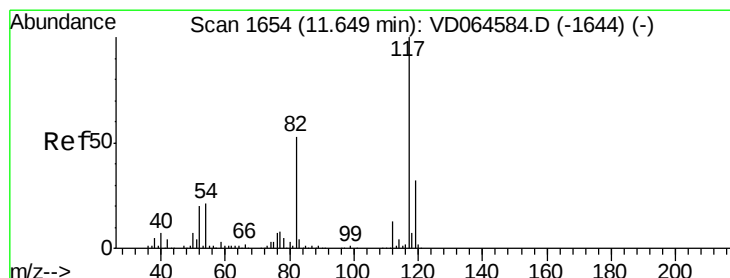
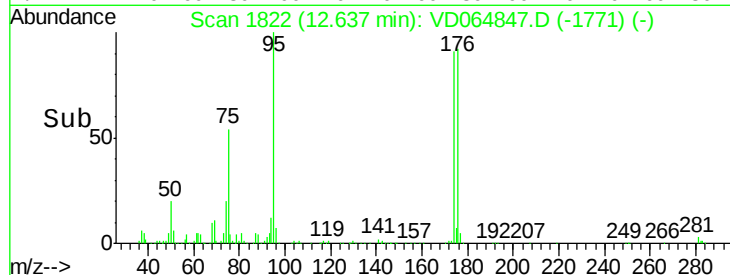
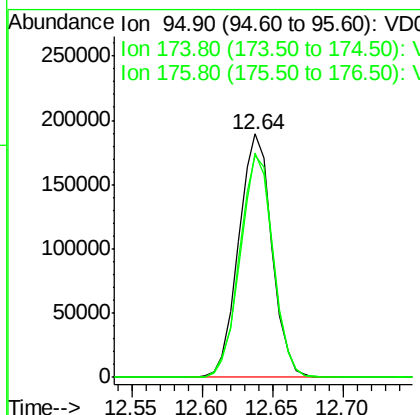
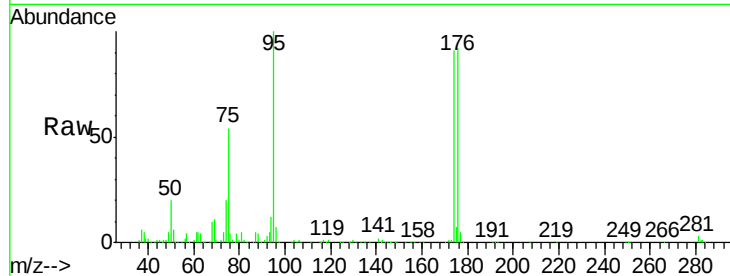




#62
4-Bromofluorobenzene
Concen: 51.319 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

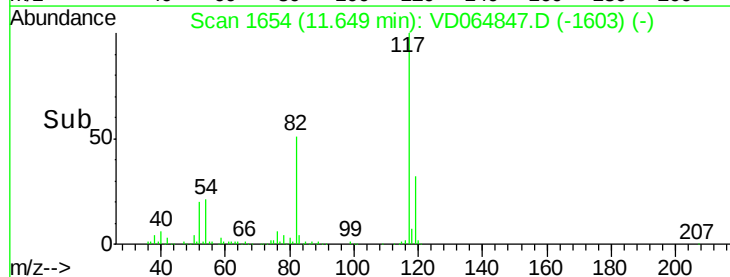
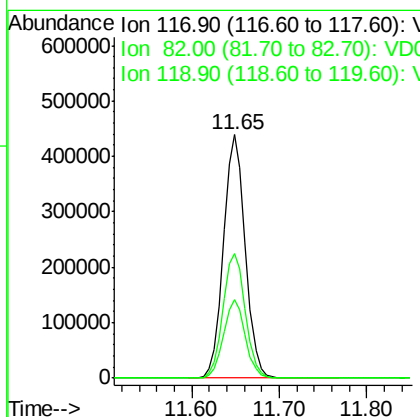
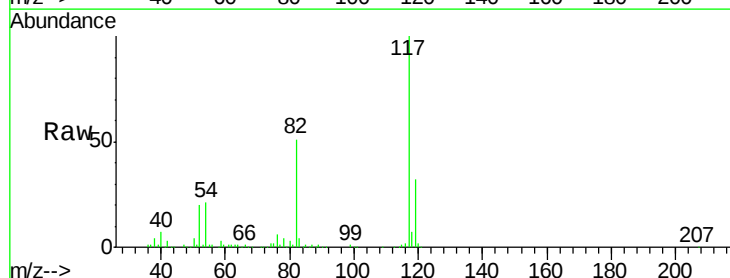
Instrument :
MSVOA_D
ClientSampleId :
SB-3_13.0-13.5

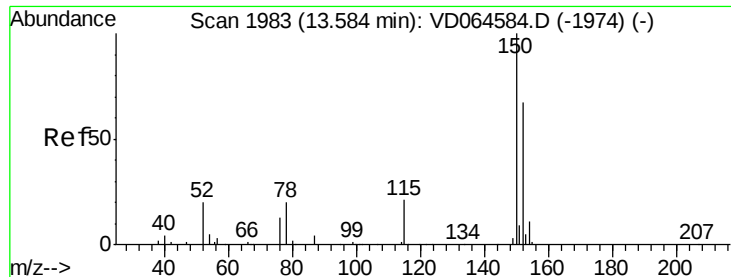
Tgt Ion: 95 Resp: 311105
Ion Ratio Lower Upper
95 100
174 92.9 0.0 193.2
176 90.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064847.D
Acq: 13 Jan 2020 14:08

Tgt Ion: 117 Resp: 751135
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.4
119 32.1 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: VD064847.D

Acq: 13 Jan 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

SB-3_13.0-13.5

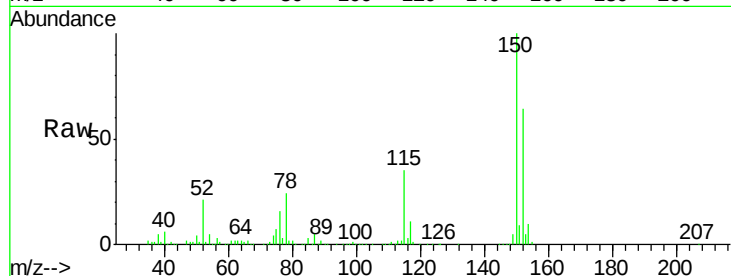
Tgt Ion:152 Resp: 353703

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

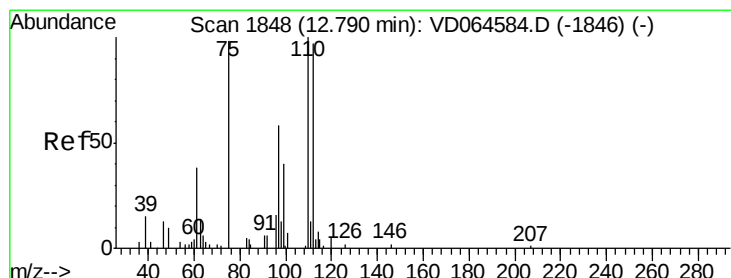
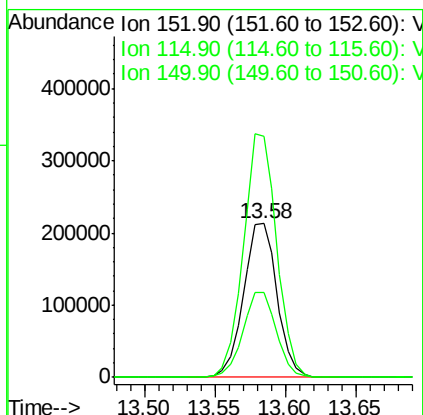
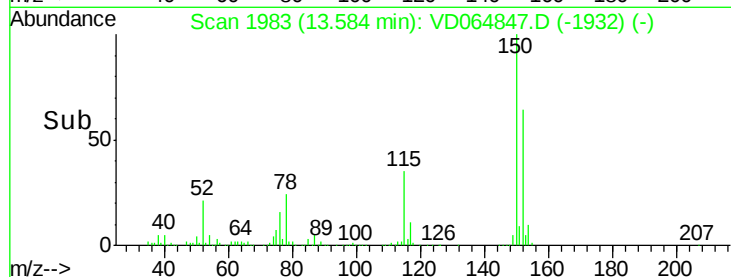
150 156.9 0.0 351.4



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: 59.997 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064847.D

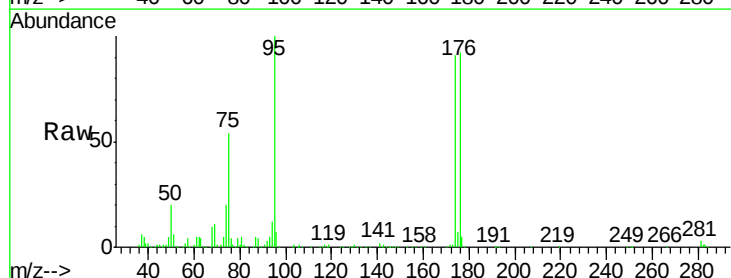
Acq: 13 Jan 2020 14:08

Tgt Ion: 75 Resp: 167575

Ion Ratio Lower Upper

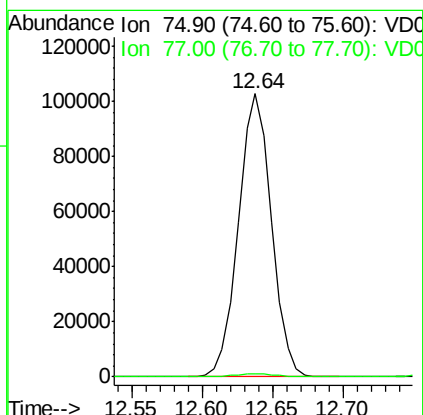
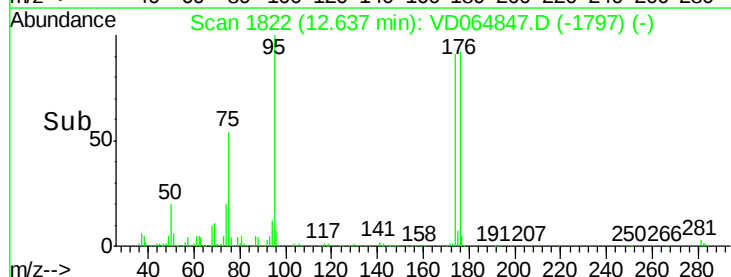
75 100

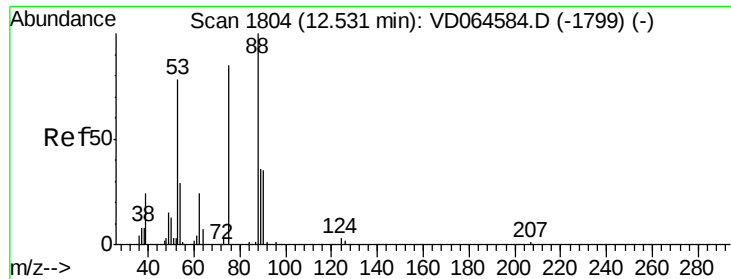
77 1.3 0.0 0.0#



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: 125.482 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064847.D

Acq: 13 Jan 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

SB-3_13.0-13.5

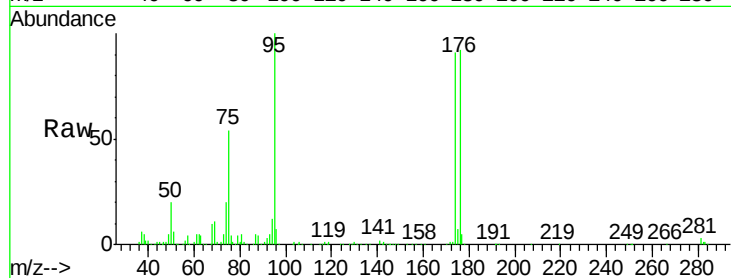
Tgt Ion: 75 Resp: 167575

Ion Ratio Lower Upper

75 100

53 0.1 78.8 118.2#

89 0.2 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

