

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
 Data File : VD064848.D
 Acq On : 13 Jan 2020 14:36
 Operator : VA/SY
 Sample : L1098-04
 Misc : 7.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4_13.0-13.5

Quant Time: Jan 14 11:33:37 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

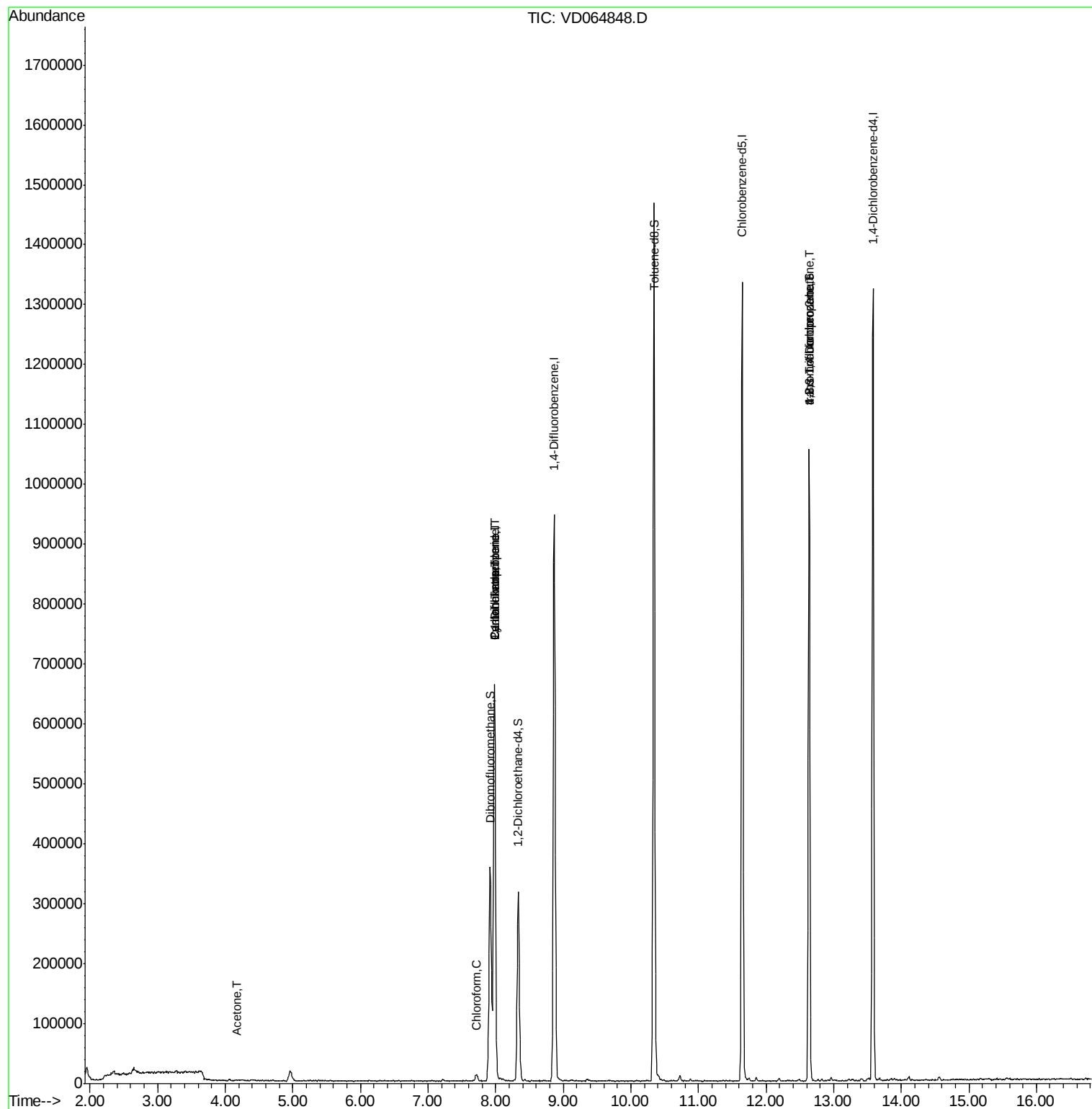
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	505206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	795153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	735276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	349018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	253912	57.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.00%	
35) Dibromofluoromethane	7.92	113	254074	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	10.34	98	959187	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.64	95	303888	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
Target Compounds						
16) Acetone	4.16	43	2526	6.560	ug/l #	80
20) Methylene Chloride	4.96	84	12008	Below Cal		90
30) Chloroform	7.71	83	10993	1.263	ug/l	86
31) Cyclohexane	7.98	56	11919	1.435	ug/l #	39
36) 1,1-Dichloropropene	7.98	75	37151	4.854	ug/l #	50
38) Carbon Tetrachloride	7.98	117	49197	6.029	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	164551	59.705	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	164551	124.871	ug/l #	10

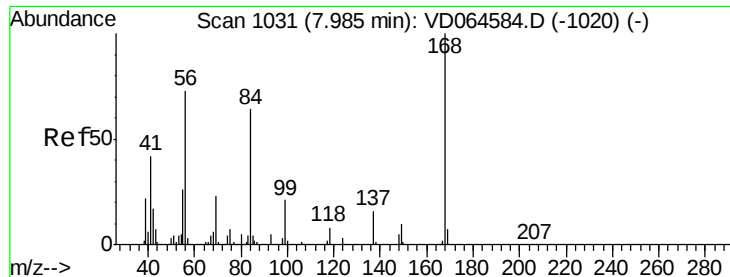
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011320\
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SB-4_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: VD064848.D

Acq: 13 Jan 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

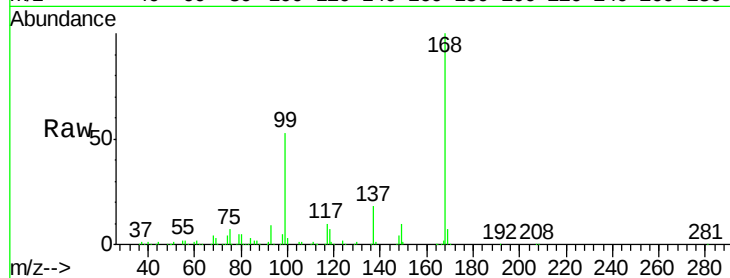
SB-4_13.0-13.5

Tgt Ion:168 Resp: 505206

Ion Ratio Lower Upper

168 100

99 53.0 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

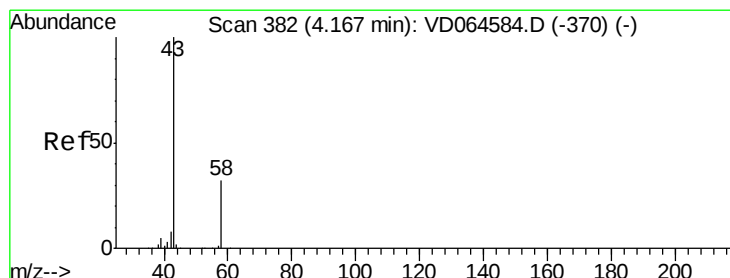
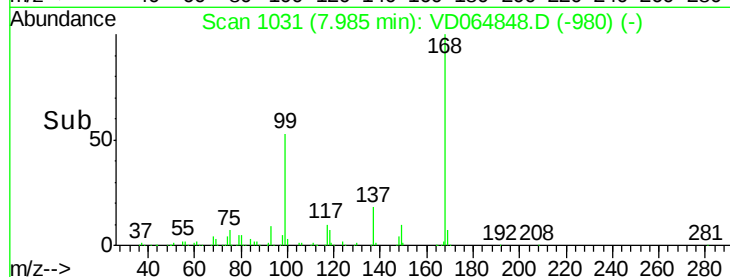
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 6.560 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064848.D

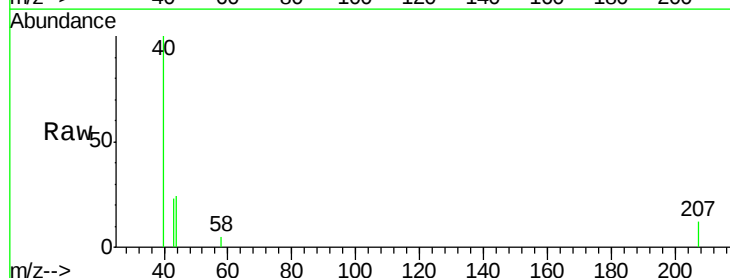
Acq: 13 Jan 2020 14:36

Tgt Ion: 43 Resp: 2526

Ion Ratio Lower Upper

43 100

58 21.0 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

1000

800

600

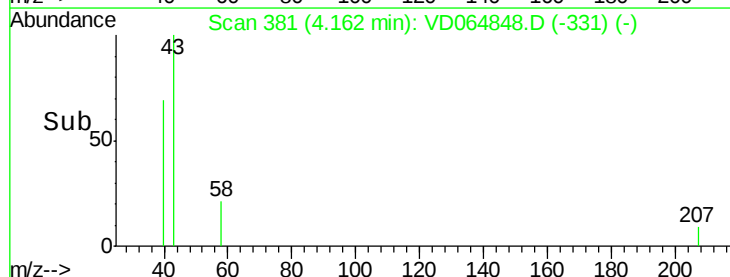
400

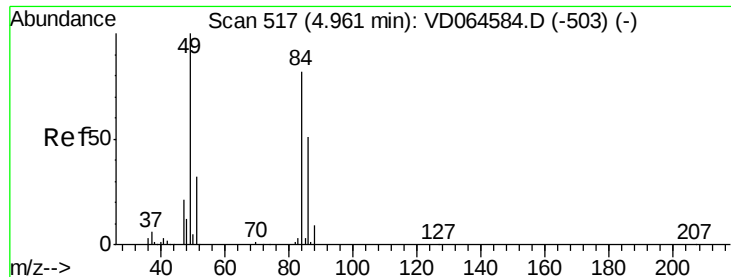
200

0

Time-->

4.10 4.15 4.20 4.25





#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD064848.D

Acq: 13 Jan 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

SB-4_13.0-13.5

Tgt Ion: 84 Resp: 12008

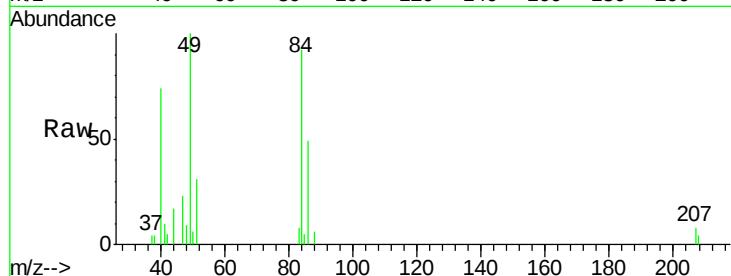
Ion Ratio Lower Upper

84 100

49 109.1 97.2 145.8

51 34.1 31.4 47.0

86 53.8 49.3 73.9

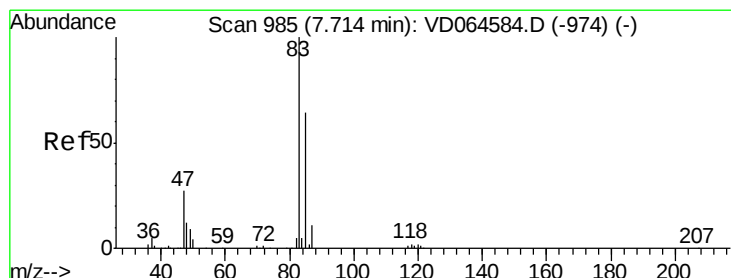
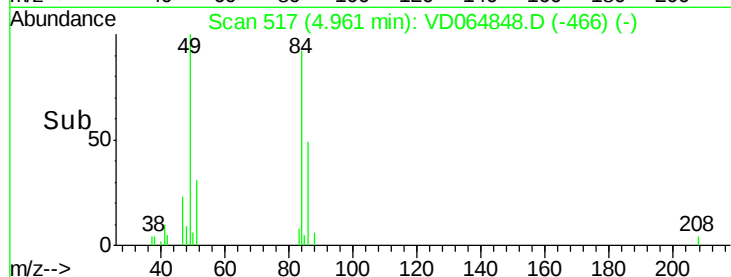
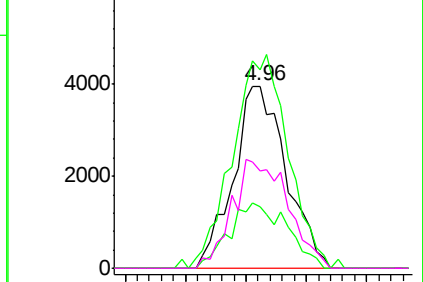


Abundance Ion 83.90 (83.60 to 84.60): VDC

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



#30

Chloroform

Concen: 1.263 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064848.D

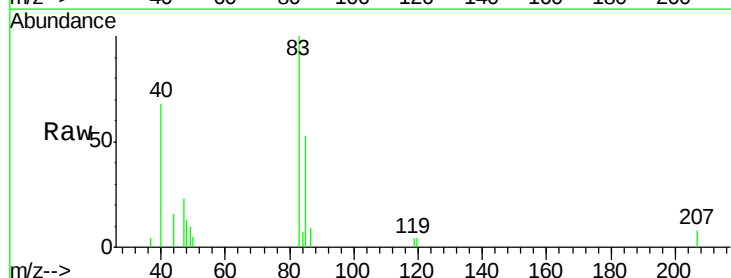
Acq: 13 Jan 2020 14:36

Tgt Ion: 83 Resp: 10993

Ion Ratio Lower Upper

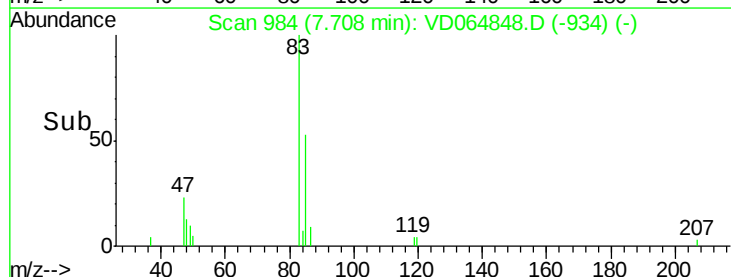
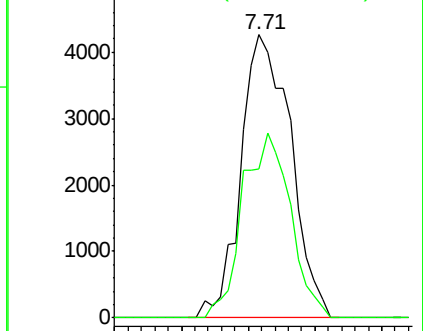
83 100

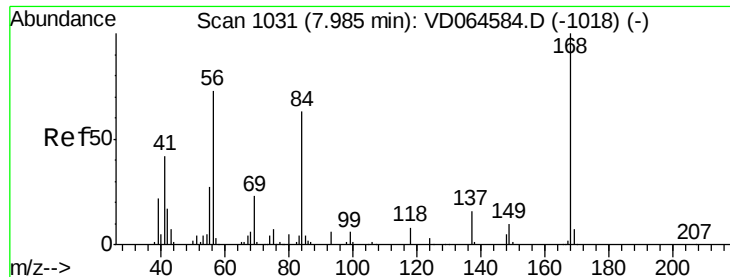
85 52.8 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

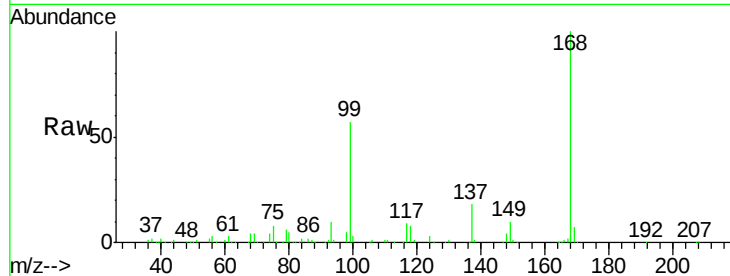




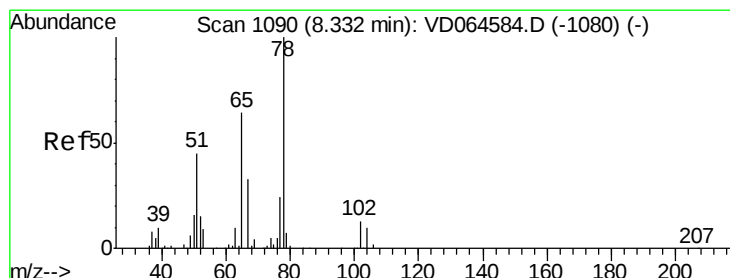
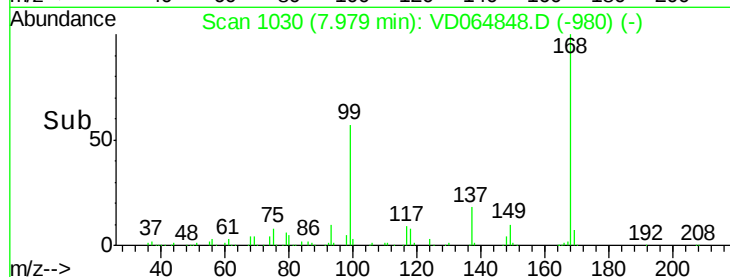
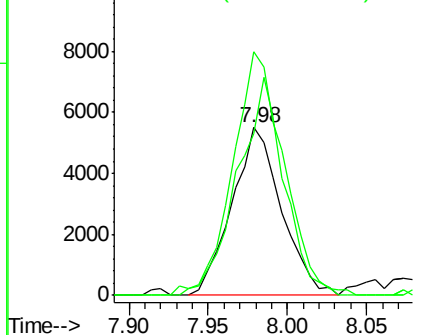
#31
Cyclohexane
Concen: 1.435 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064848.D
Acq: 13 Jan 2020 14:36

Instrument :
MSVOA_D
ClientSampleId :
SB-4_13.0-13.5

Tgt Ion: 56 Resp: 11919
Ion Ratio Lower Upper
56 100
69 142.3 24.7 37.1#
84 96.2 69.4 104.2

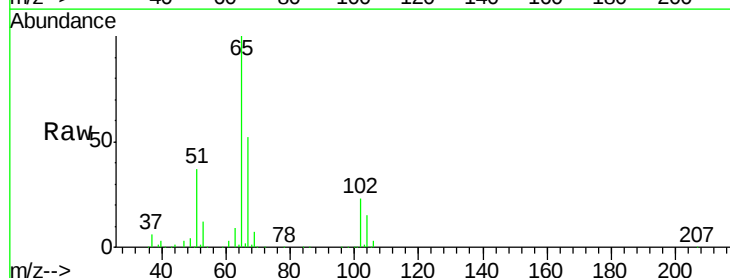


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

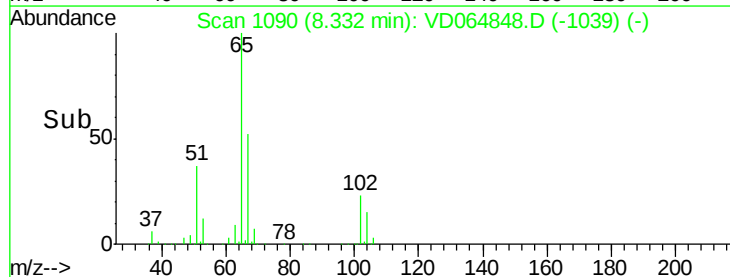
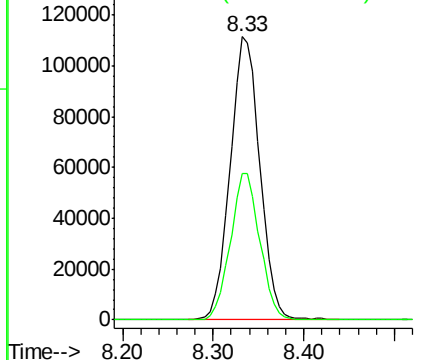


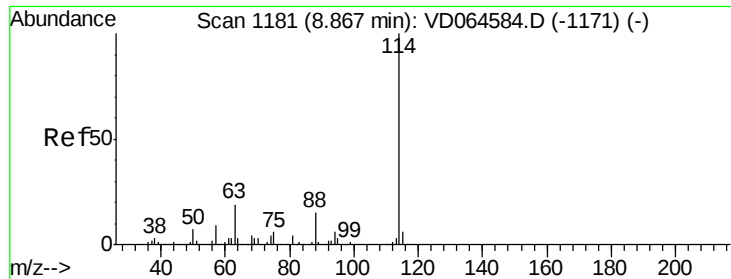
#33
1,2-Dichloroethane-d4
Concen: 56.997 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064848.D
Acq: 13 Jan 2020 14:36

Tgt Ion: 65 Resp: 253912
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

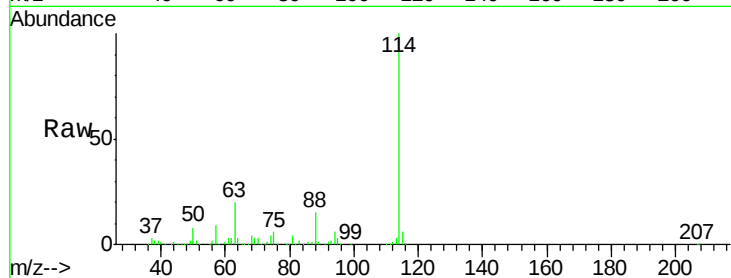




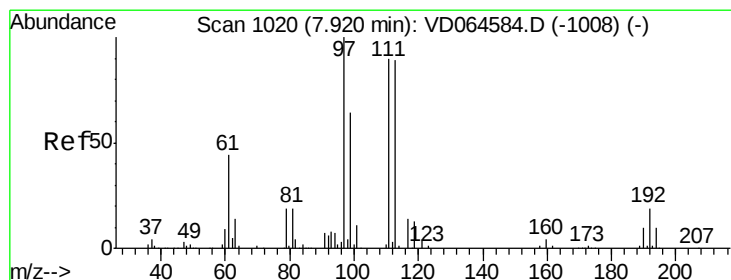
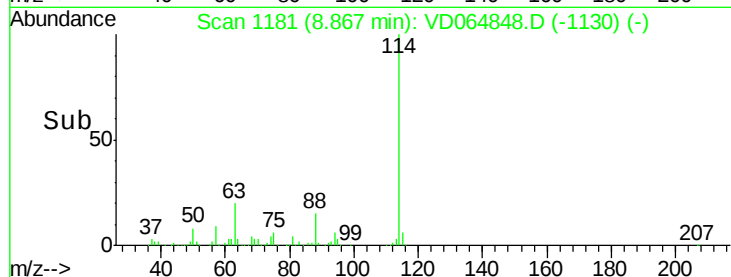
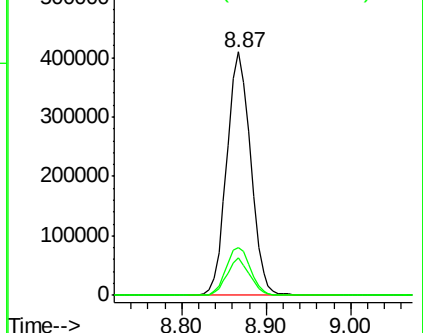
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064848.D
 Acq: 13 Jan 2020 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4_13.0-13.5

Tgt Ion:114 Resp: 795153
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.2 0.0 29.2

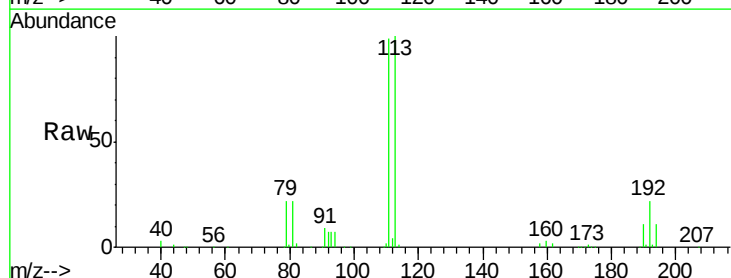


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

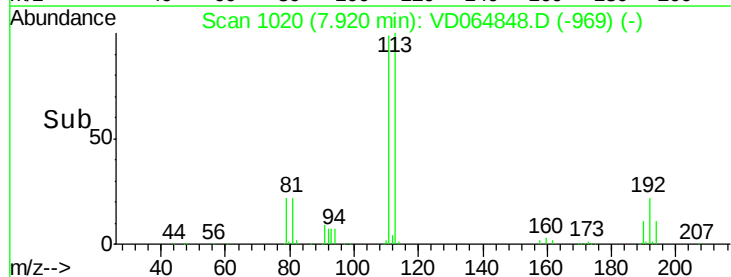
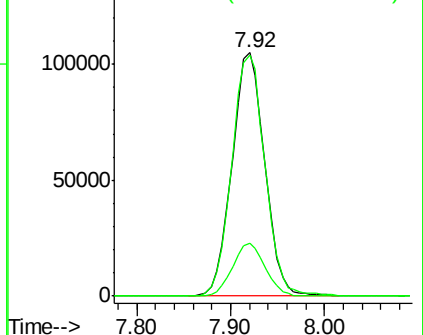


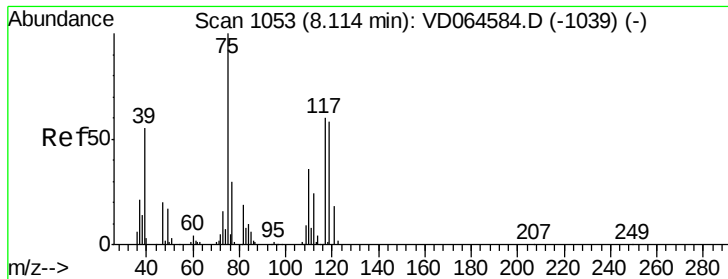
#35
 Dibromofluoromethane
 Concen: 52.081 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064848.D
 Acq: 13 Jan 2020 14:36

Tgt Ion:113 Resp: 254074
 Ion Ratio Lower Upper
 113 100
 111 100.6 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

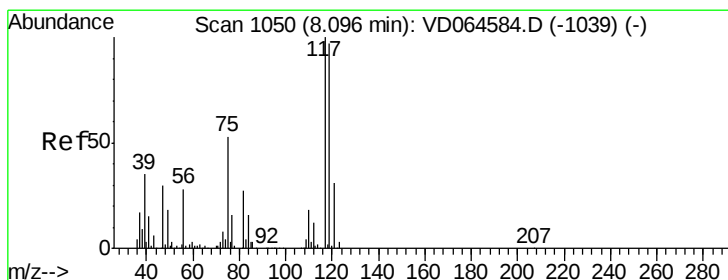
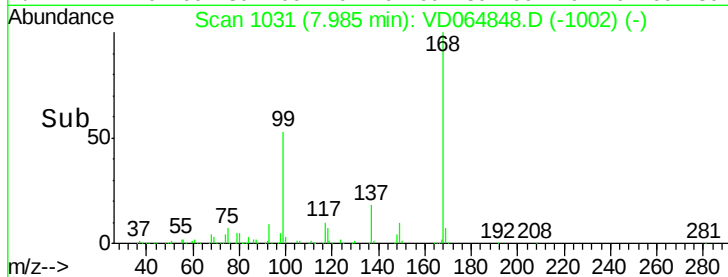
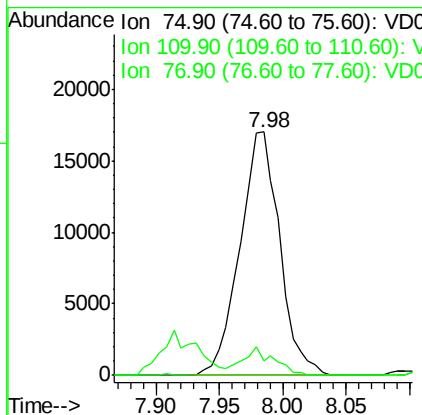
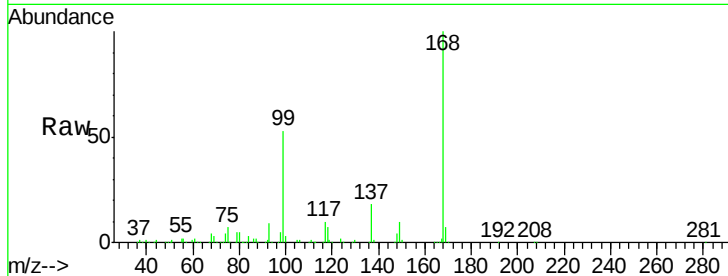




#36
 1,1-Dichloropropene
 Concen: 4.854 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064848.D
 Acq: 13 Jan 2020 14:36

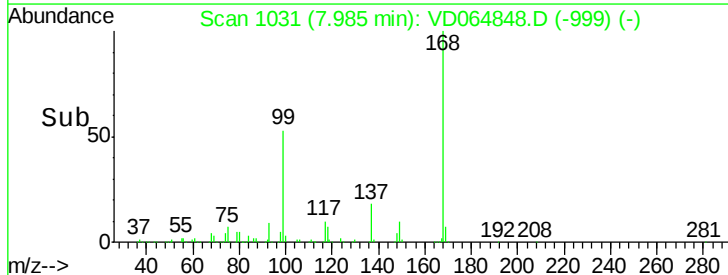
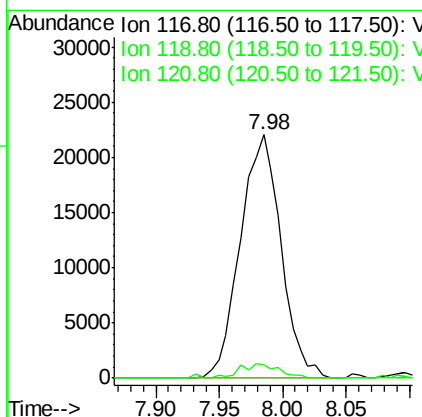
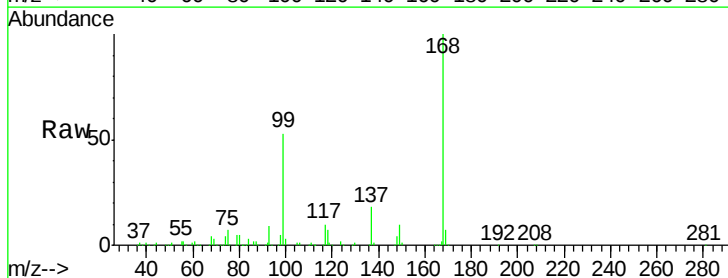
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4_13.0-13.5

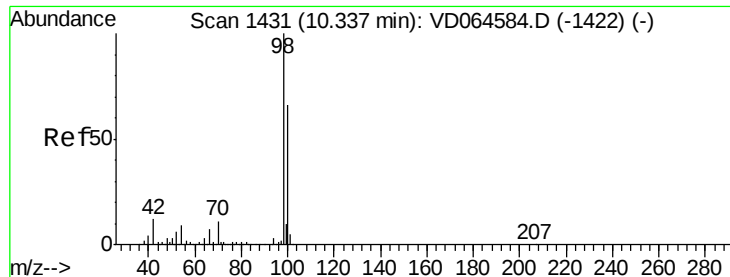
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 6.029 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064848.D
 Acq: 13 Jan 2020 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.3	115.9#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 51.338 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064848.D

Acq: 13 Jan 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

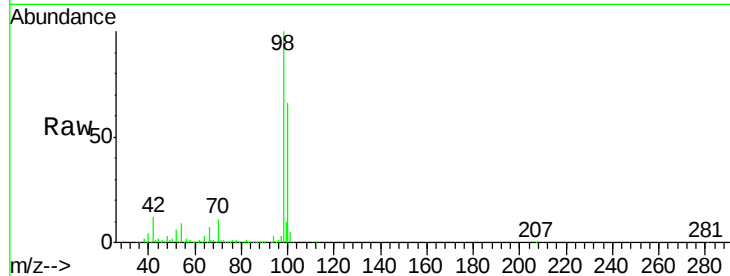
SB-4_13.0-13.5

Tgt Ion: 98 Resp: 959187

Ion Ratio Lower Upper

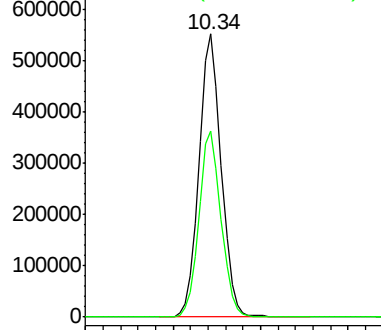
98 100

100 65.4 51.7 77.5

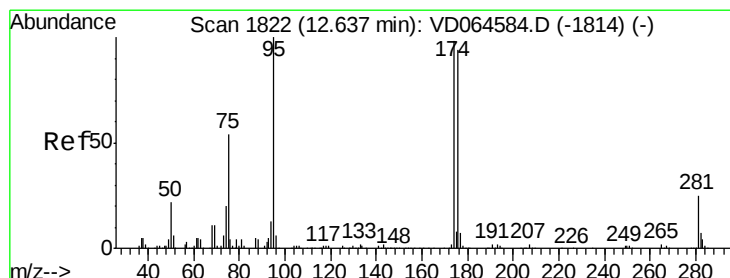
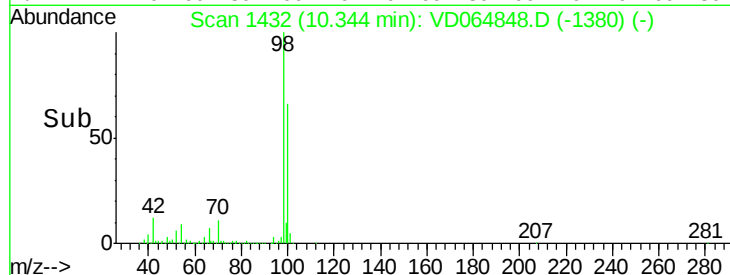


Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.437 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064848.D

Acq: 13 Jan 2020 14:36

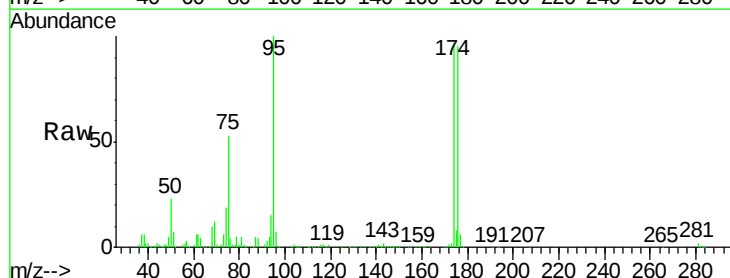
Tgt Ion: 95 Resp: 303888

Ion Ratio Lower Upper

95 100

174 93.5 0.0 193.2

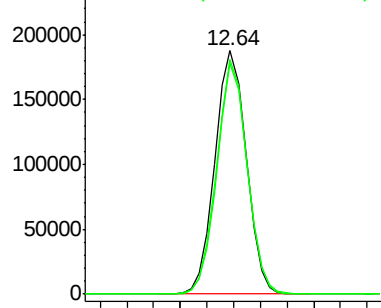
176 91.1 0.0 184.2



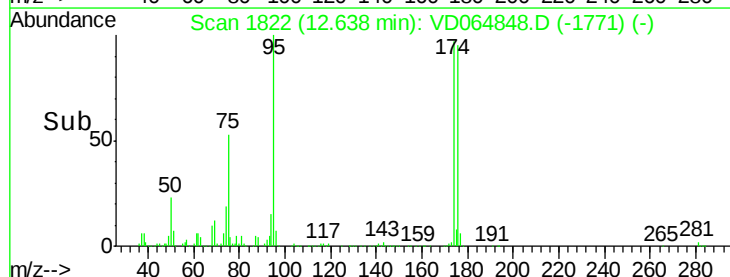
Abundance Ion 94.90 (94.60 to 95.60): VD0

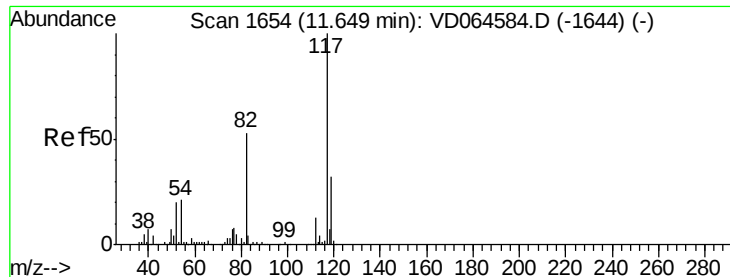
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 12.60 12.70

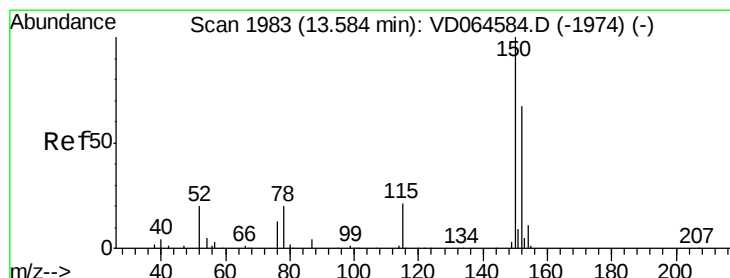
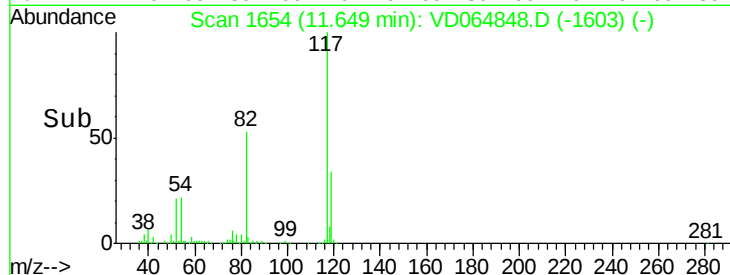
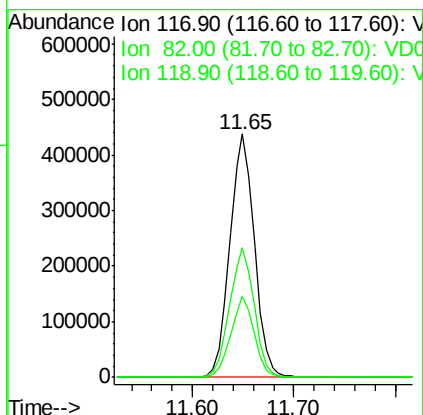
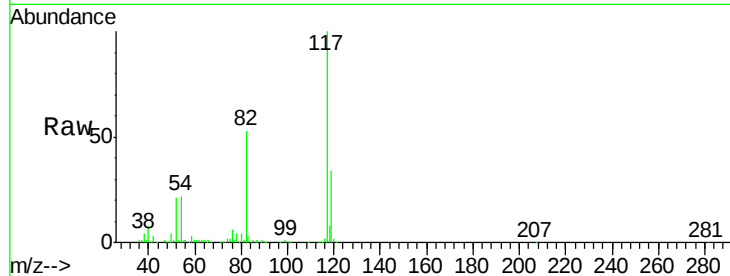




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064848.D
Acq: 13 Jan 2020 14:36

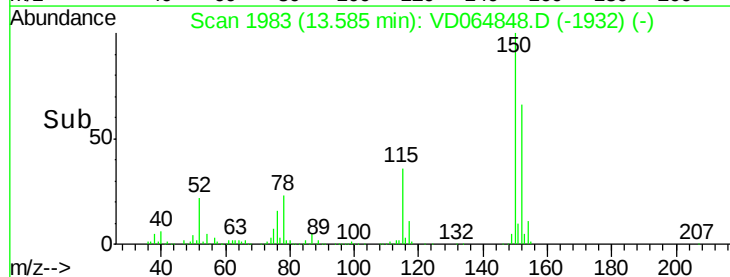
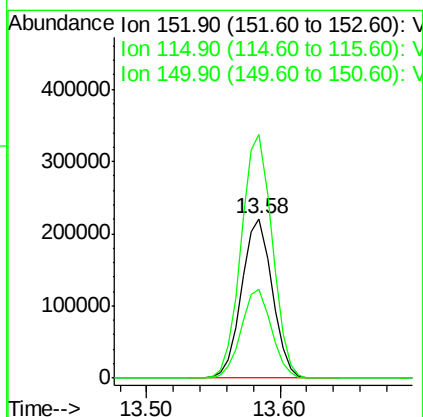
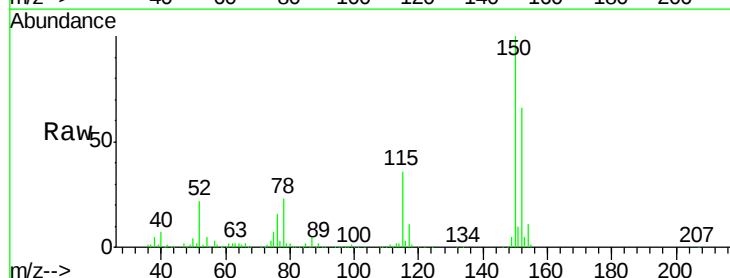
Instrument :
MSVOA_D
ClientSampleId :
SB-4_13.0-13.5

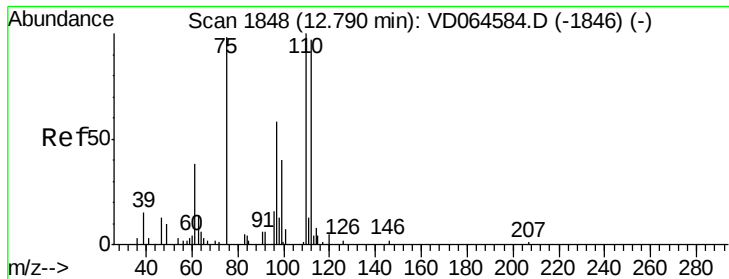
Tgt Ion:117 Resp: 735276
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.4
119 33.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064848.D
Acq: 13 Jan 2020 14:36

Tgt Ion:152 Resp: 349018
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 155.2 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 59.705 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064848.D

Acq: 13 Jan 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

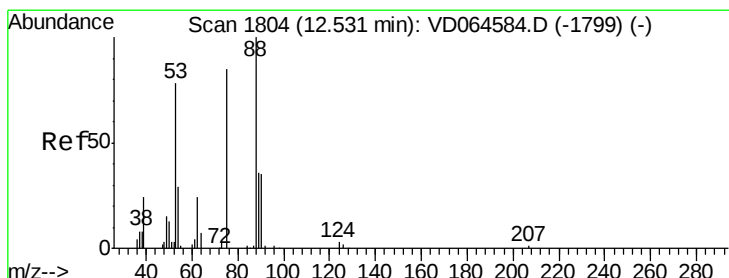
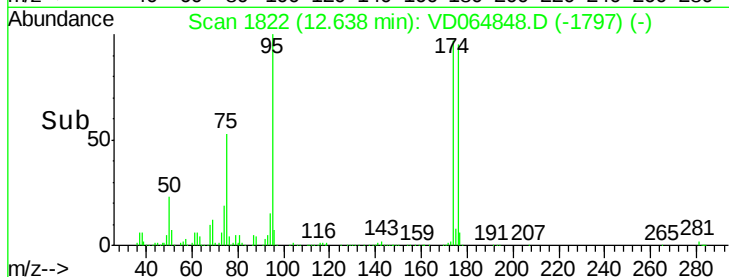
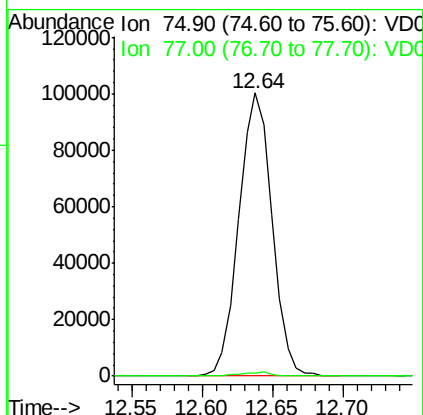
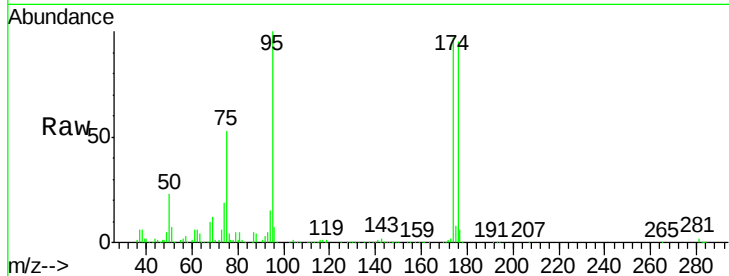
SB-4_13.0-13.5

Tgt Ion: 75 Resp: 164551

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 124.871 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064848.D

Acq: 13 Jan 2020 14:36

Tgt Ion: 75 Resp: 164551

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#

