

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010220\
 Data File : VD064714.D
 Acq On : 02 Jan 2020 13:36
 Operator : VA/SY
 Sample : K6464-01
 Misc : 6.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(5-6)

Quant Time: Jan 03 00:59:23 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

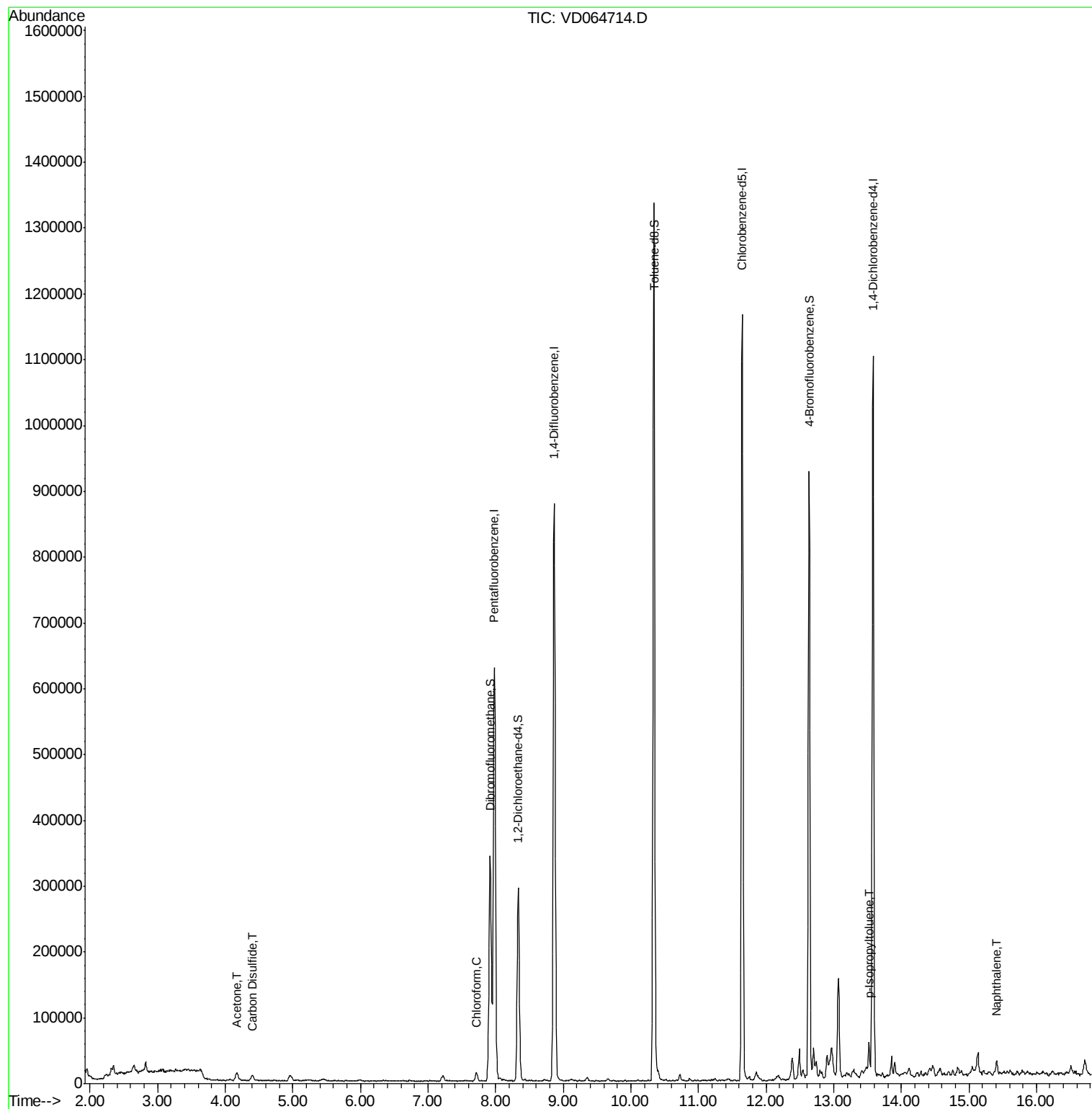
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	501715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	765879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	662796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236839	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	7.91	113	240839	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	10.34	98	906569	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.64	95	275905	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
Target Compounds						
16) Acetone	4.17	43	21213	24.351	ug/l	98
17) Carbon Disulfide	4.40	76	16336	1.145	ug/l #	93
30) Chloroform	7.71	83	11912	1.378	ug/l	99
86) p-Isopropyltoluene	13.53	119	24540	1.255	ug/l	96
95) Naphthalene	15.41	128	16910	1.738	ug/l #	95

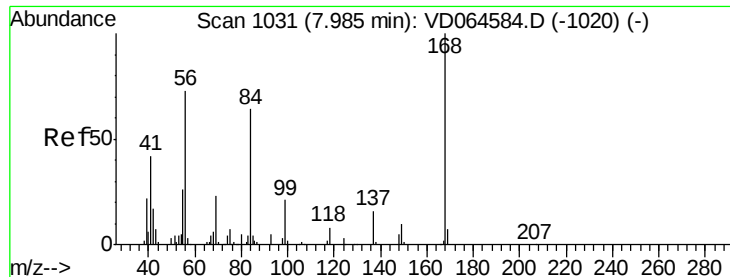
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010220\
Data File : VD064714.D
Acq On : 02 Jan 2020 13:36
Operator : VA/SY
Sample : K6464-01
Misc : 6.01G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5-6)

Quant Time: Jan 03 00:59:23 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: VD064714.D

Acq: 02 Jan 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

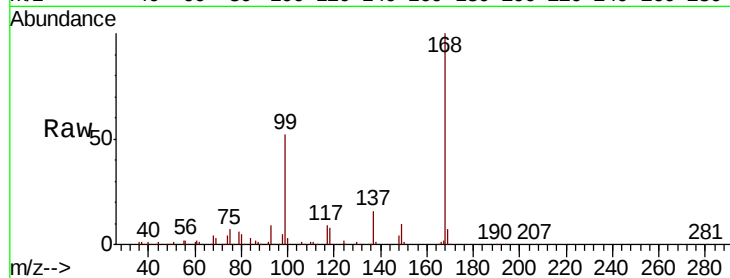
SB-4-(5-6)

Tot Ion:168 Resp: 501715

Ion Ratio Lower Upper

168 100

99 52.2 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

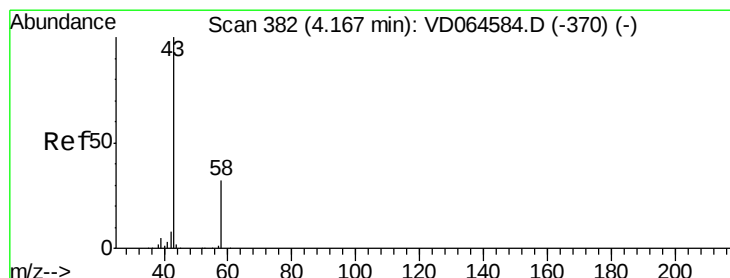
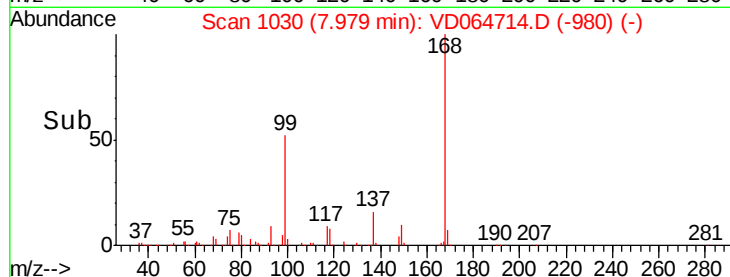
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 24.351 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064714.D

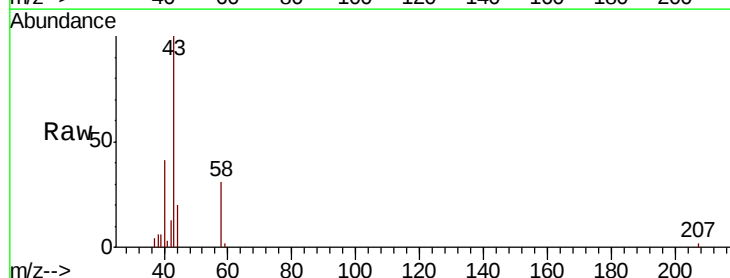
Acq: 02 Jan 2020 13:36

Tgt Ion: 43 Resp: 21213

Ion Ratio Lower Upper

43 100

58 31.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

8000

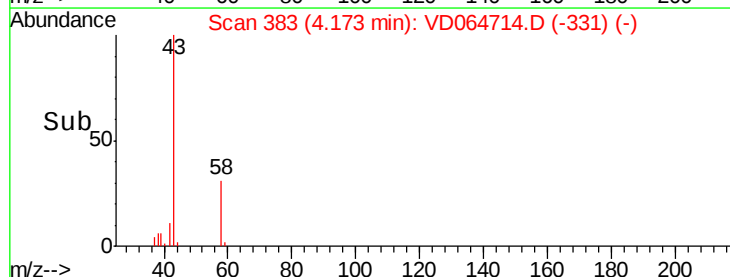
6000

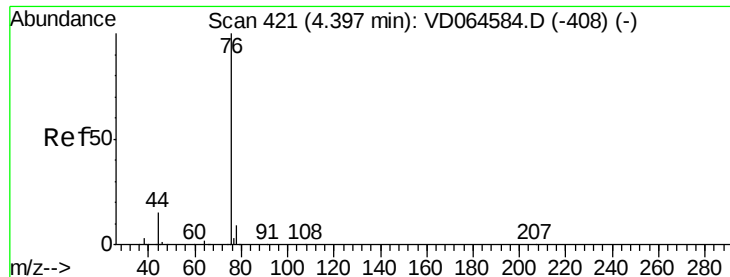
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.145 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064714.D

Acq: 02 Jan 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

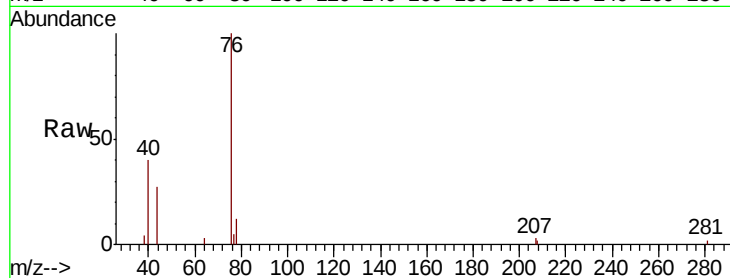
SB-4-(5-6)

Tot Ion: 76 Resp: 16336

Ion Ratio Lower Upper

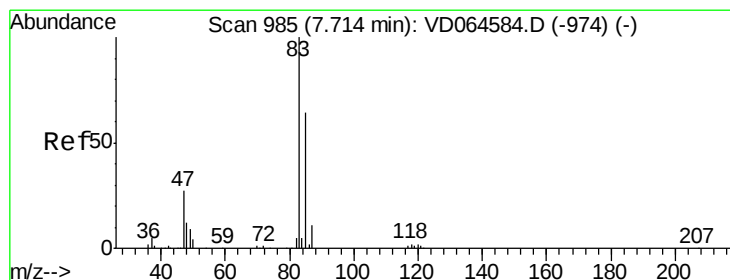
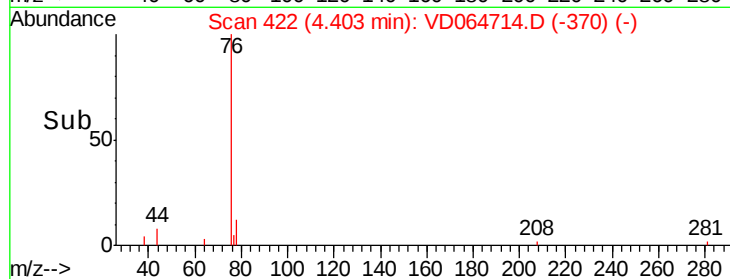
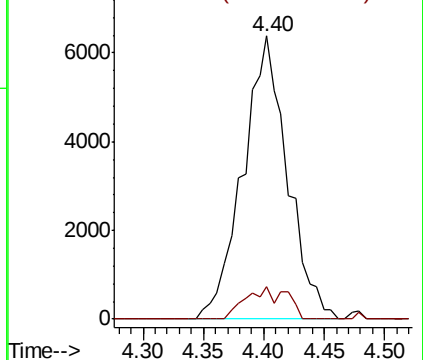
76 100

78 11.5 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#30

Chloroform

Concen: 1.378 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064714.D

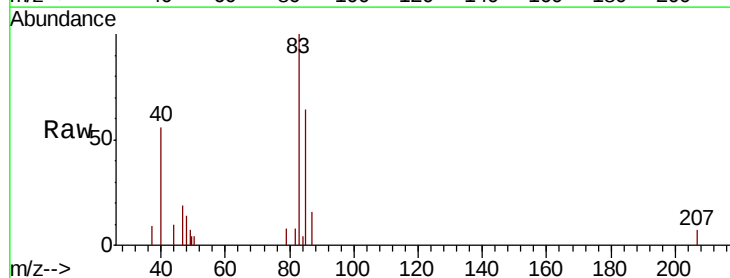
Acq: 02 Jan 2020 13:36

Tgt Ion: 83 Resp: 11912

Ion Ratio Lower Upper

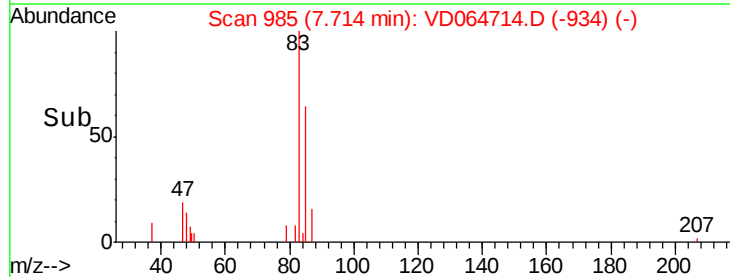
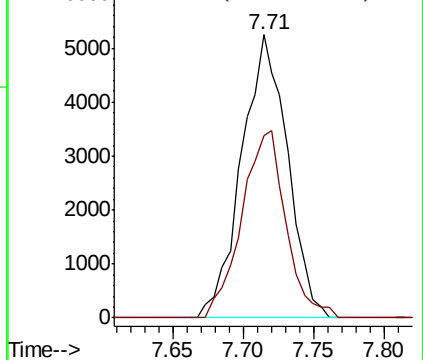
83 100

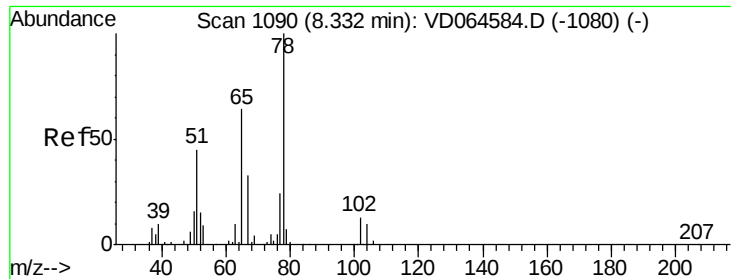
85 64.4 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.534 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064714.D

Acq: 02 Jan 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

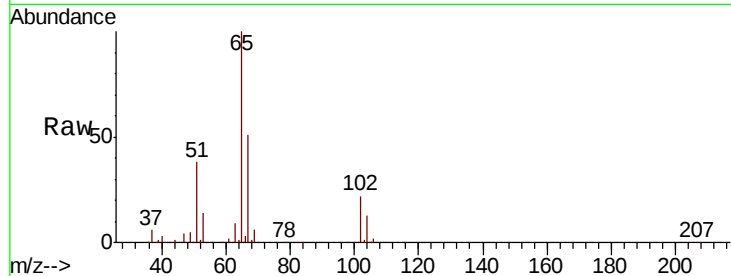
SB-4-(5-6)

Tot Ion: 65 Resp: 236839

Ion Ratio Lower Upper

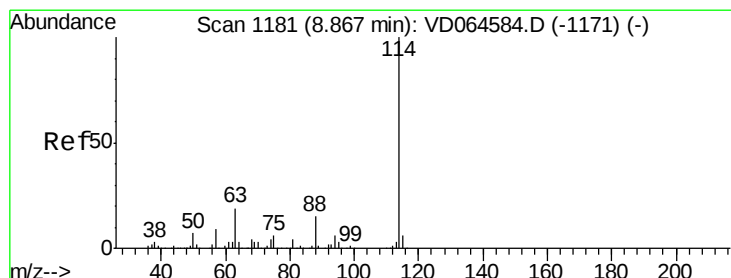
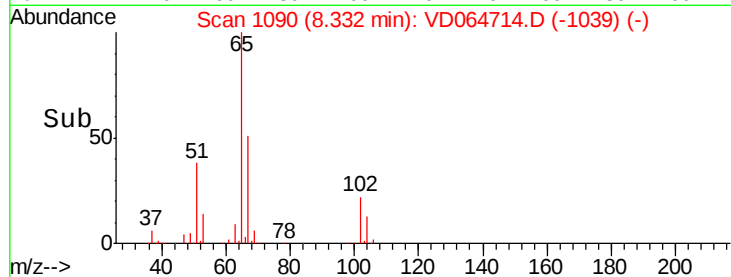
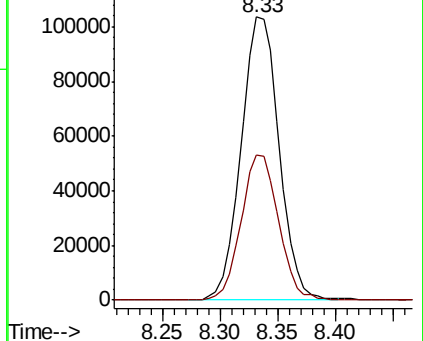
65 100

67 50.5 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: VD064714.D

Acq: 02 Jan 2020 13:36

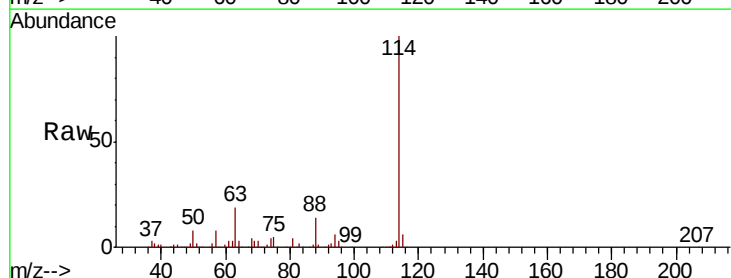
Tgt Ion: 114 Resp: 765879

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

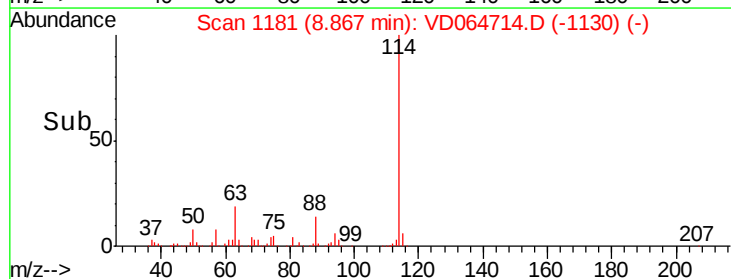
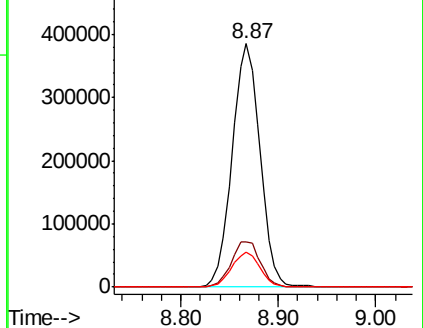
88 14.2 0.0 29.2

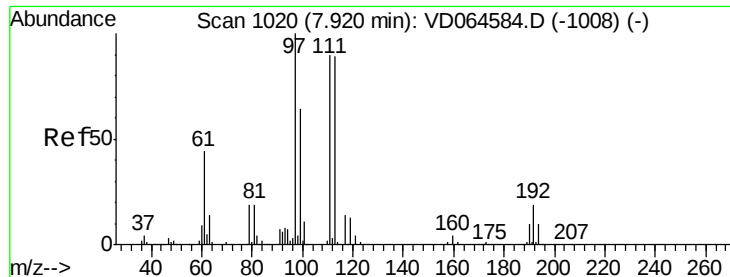


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

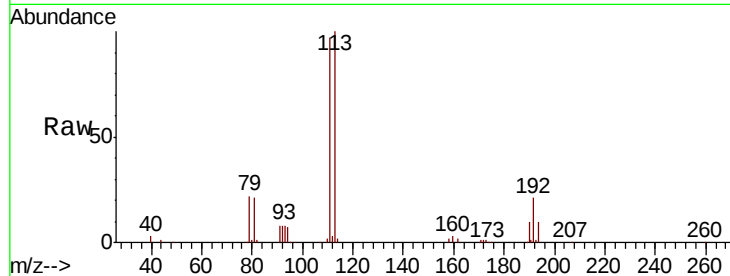




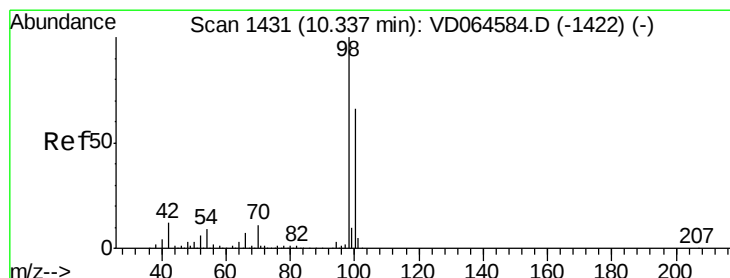
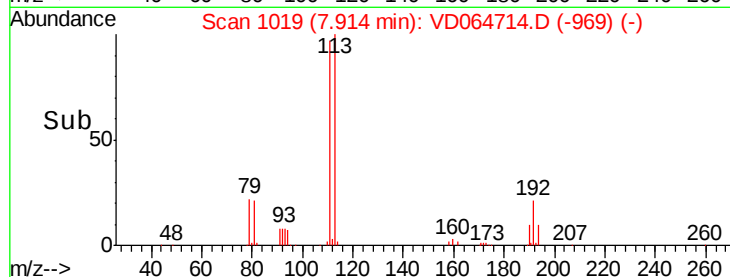
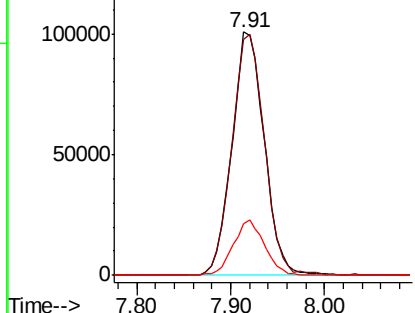
#35
 Dibromofluoromethane
 Concen: 51.255 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064714.D
 Acq: 02 Jan 2020 13:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(5-6)

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	80.6	121.0
192	21.9	17.9	26.9

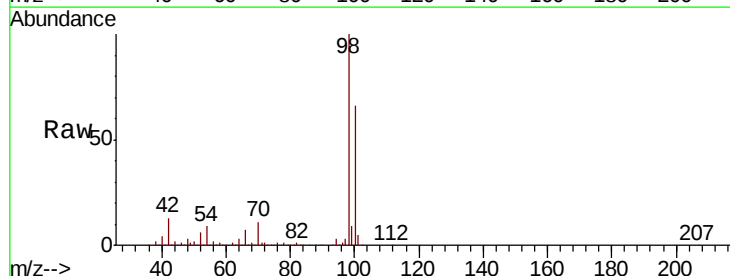


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

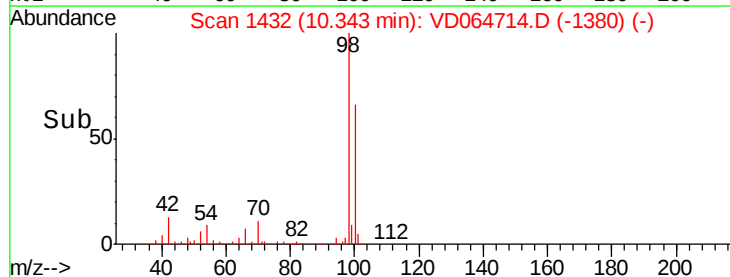
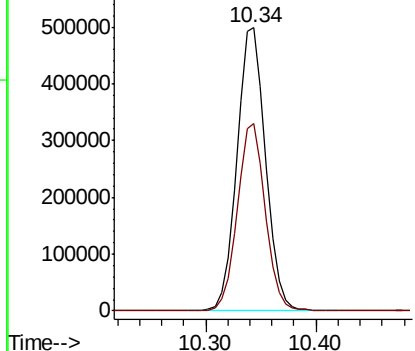


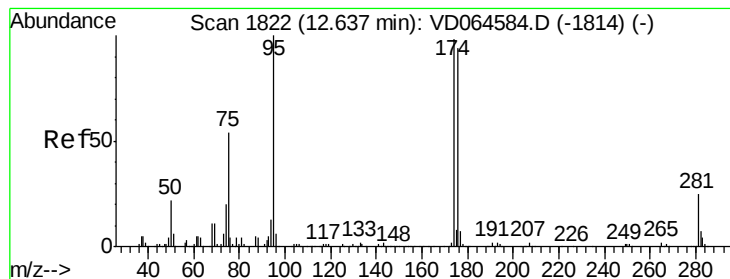
#50
 Toluene-d8
 Concen: 50.376 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064714.D
 Acq: 02 Jan 2020 13:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5



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





#62

4-Bromofluorobenzene

Concen: 48.485 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064714.D

Acq: 02 Jan 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

SB-4-(5-6)

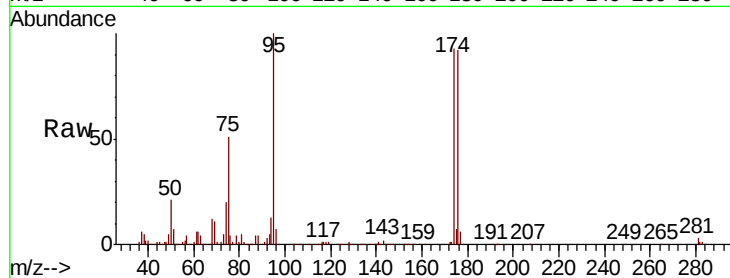
Tot Ion: 95 Resp: 275905

Ion Ratio Lower Upper

95 100

174 93.4 0.0 193.2

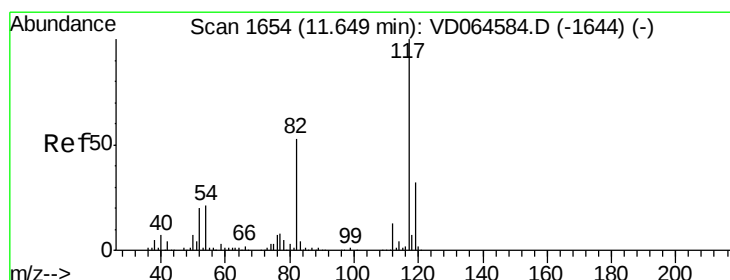
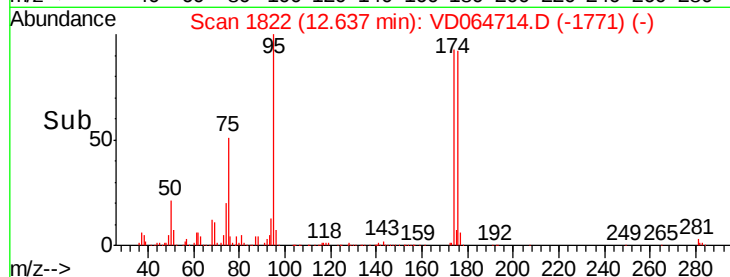
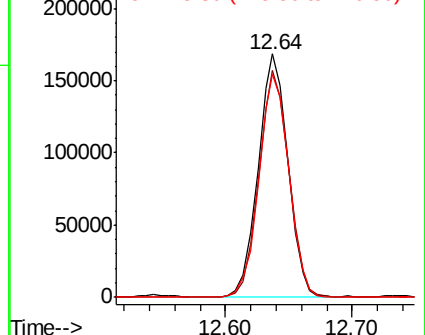
176 92.1 0.0 184.2



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: VD064714.D

Acq: 02 Jan 2020 13:36

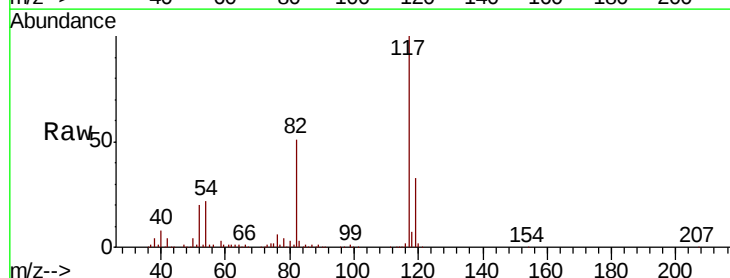
Tgt Ion: 117 Resp: 662796

Ion Ratio Lower Upper

117 100

82 51.5 42.2 63.4

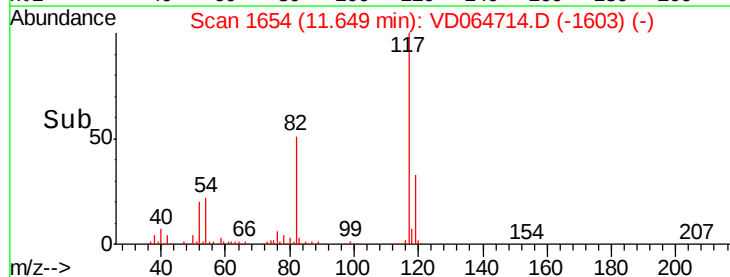
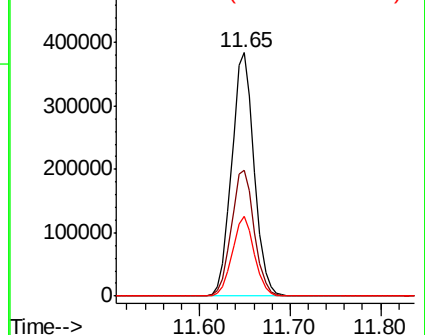
119 32.9 26.0 39.0

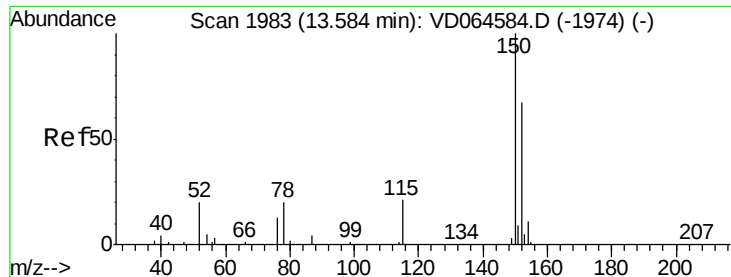


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064714.D

Acq: 02 Jan 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

SB-4-(5-6)

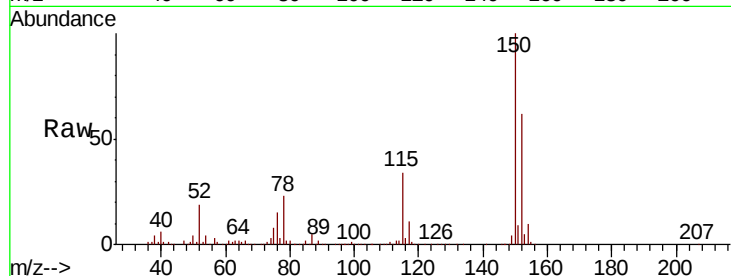
Tot Ion:152 Resp: 292584

Ion Ratio Lower Upper

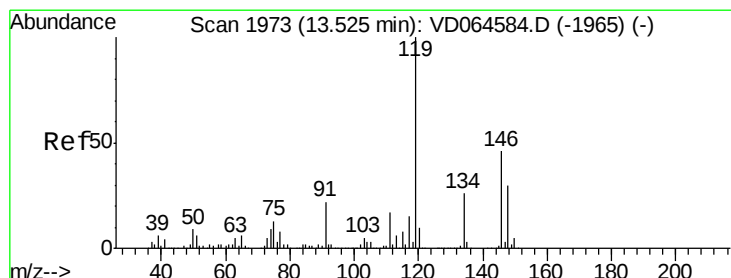
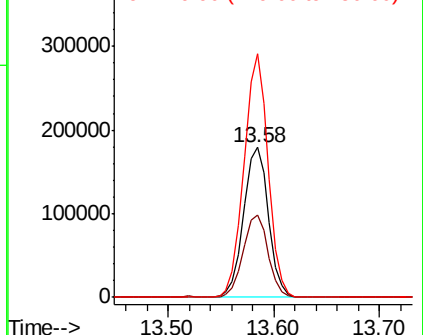
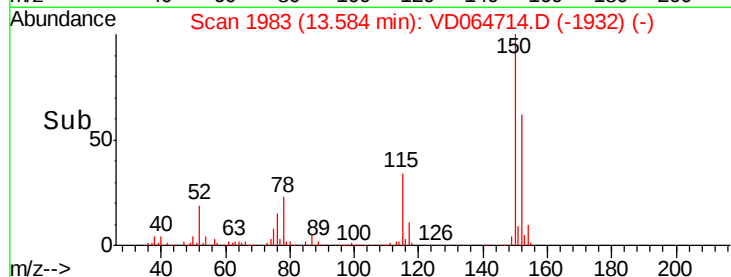
152 100

115 55.0 27.8 83.4

150 157.3 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



#86

p-Isopropyltoluene

Concen: 1.255 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD064714.D

Acq: 02 Jan 2020 13:36

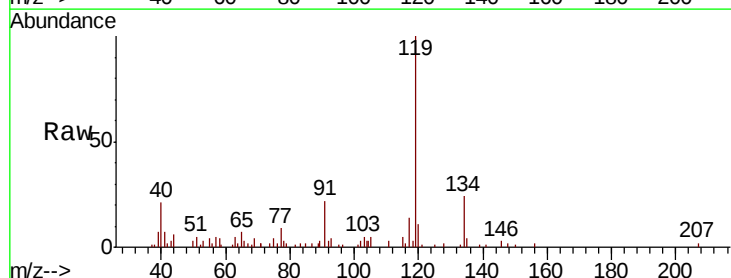
Tgt Ion:119 Resp: 24540

Ion Ratio Lower Upper

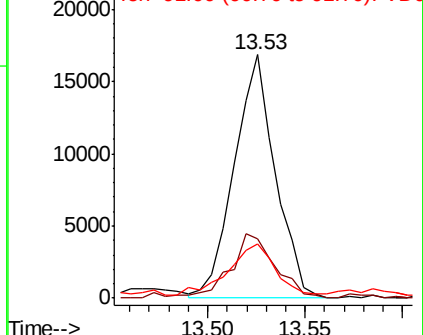
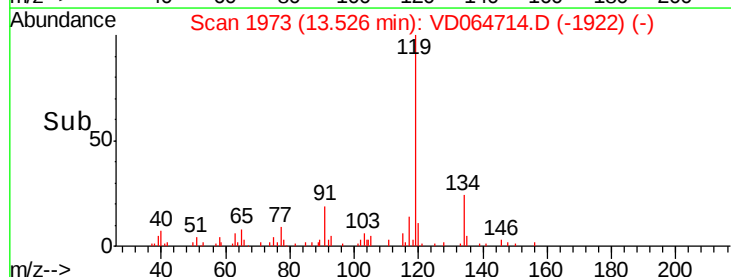
119 100

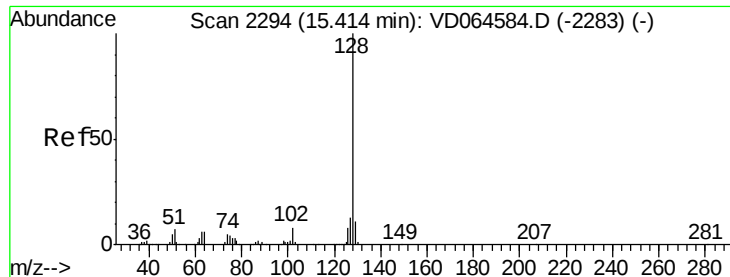
134 28.4 13.4 40.1

91 25.1 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 1.738 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064714.D

Acq: 02 Jan 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

SB-4-(5-6)

Tot Ion:128 Resp: 16910

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 13.3 8.5 12.7#

