

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060184.D
 Acq On : 24 Oct 2018 16:18
 Operator : JC/SY
 Sample : J5199-05
 Misc : 6.44g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-102318

Quant Time: Oct 25 03:35:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

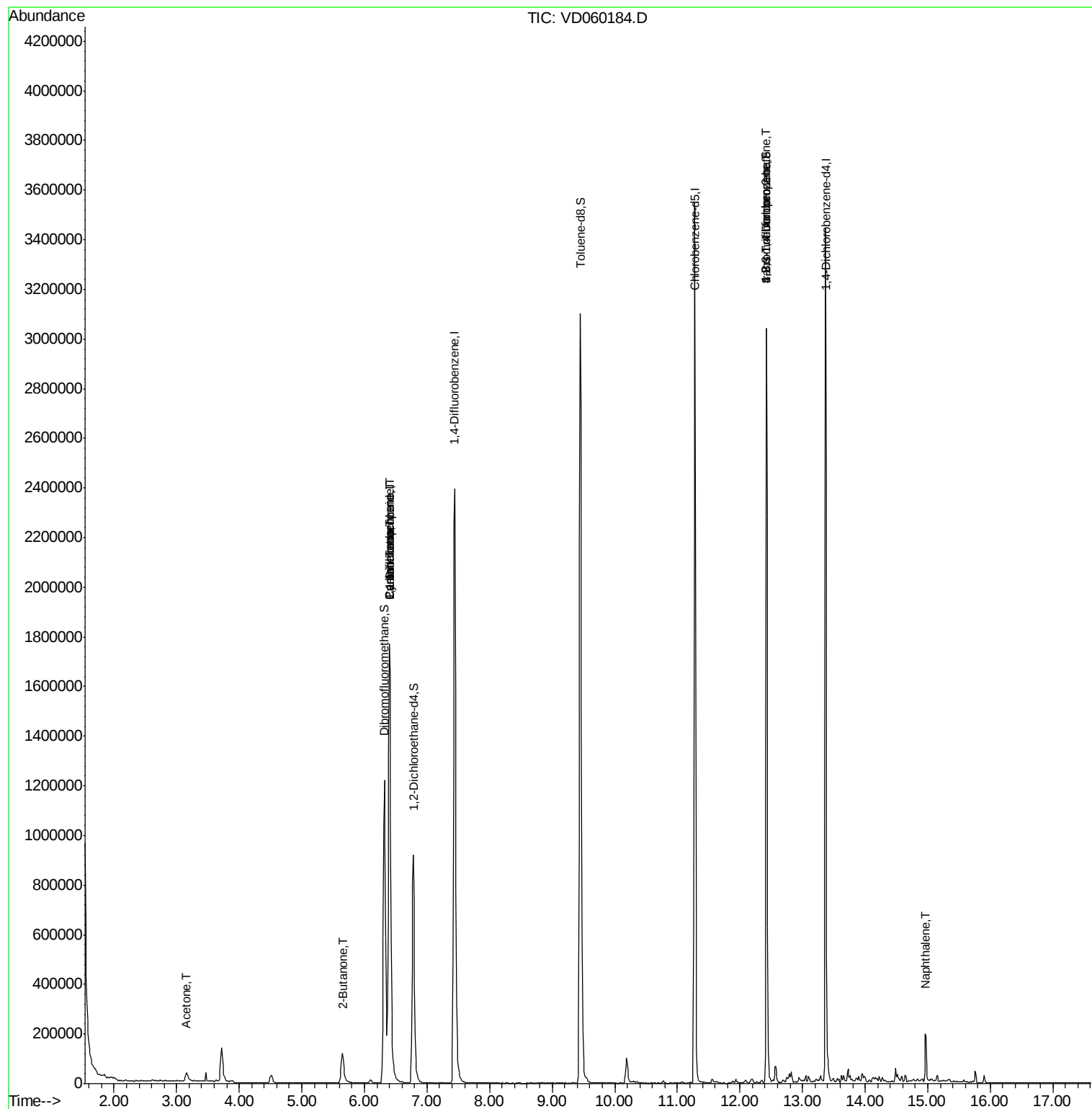
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1776832	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.44	114	2541589	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1900934	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	792366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	772055	57.32	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.64%	
35) Dibromofluoromethane	6.32	113	971325	50.33	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	9.45	98	2562935	46.57	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.14%	
62) 4-Bromofluorobenzene	12.42	95	886929	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
Target Compounds						
					Qvalue	
16) Acetone	3.15	43	74589	30.520	ug/l	94
25) 2-Butanone	5.65	43	15541	2.545	ug/l #	80
31) Cyclohexane	6.40	56	32075	1.099	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	124513	5.127	ug/l #	46
38) Carbon Tetrachloride	6.40	117	136753	6.204	ug/l #	16
76) 1,2,3-Trichloropropane	12.42	75	345049	30.238	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.42	75	352789	110.028	ug/l #	13
95) Naphthalene	14.97	128	127402	4.550	ug/l	98

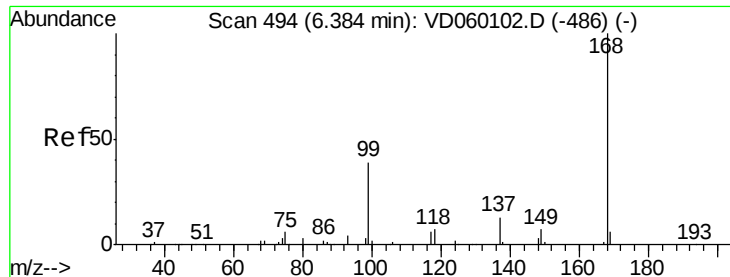
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060184.D
Acq On : 24 Oct 2018 16:18
Operator : JC/SY
Sample : J5199-05
Misc : 6.44g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-03-102318

Quant Time: Oct 25 03:35:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

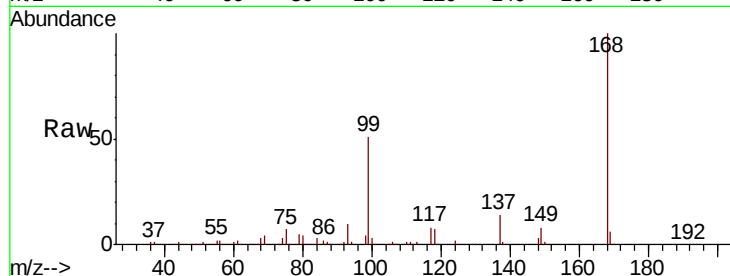
OK-03-102318

Tot Ion:168 Resp: 1776832

Ion Ratio Lower Upper

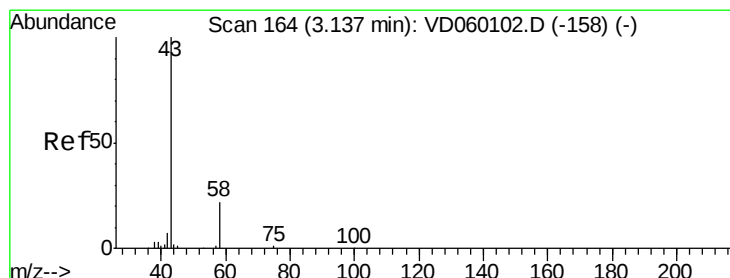
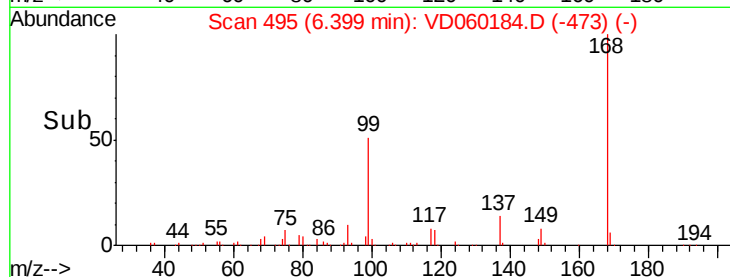
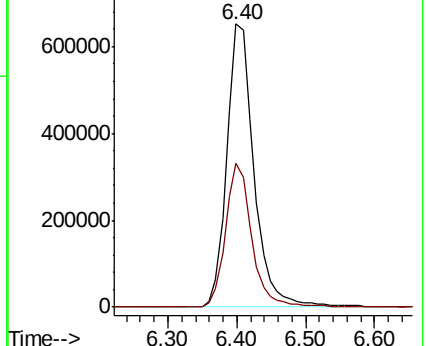
168 100

99 50.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 30.520 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060184.D

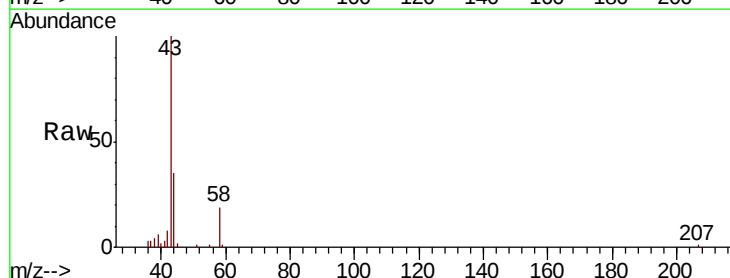
Acq: 24 Oct 2018 16:18

Tgt Ion: 43 Resp: 74589

Ion Ratio Lower Upper

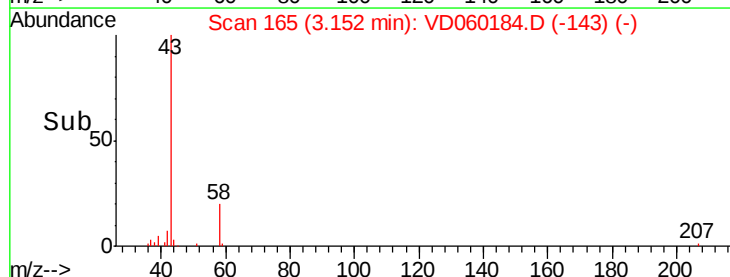
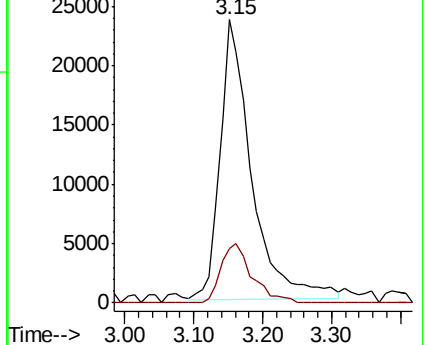
43 100

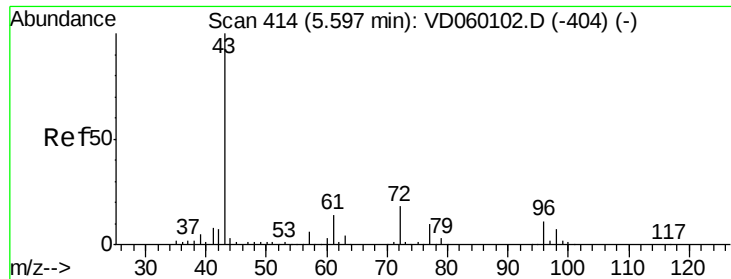
58 19.1 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 2.545 ug/l

RT: 5.65 min Scan# 419

Delta R.T. 0.05 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

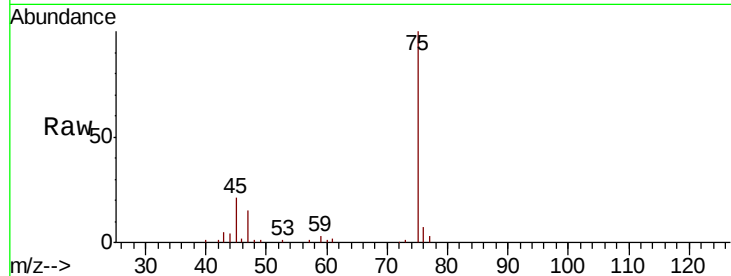
OK-03-102318

Tot Ion: 43 Resp: 15541

Ion Ratio Lower Upper

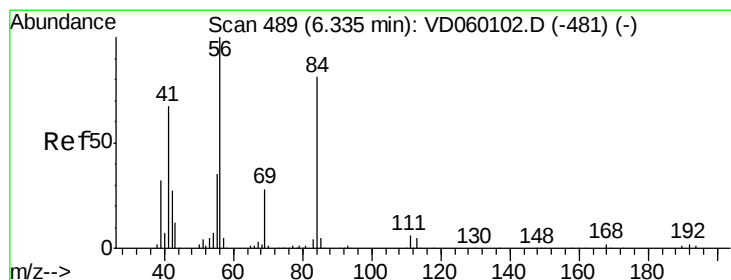
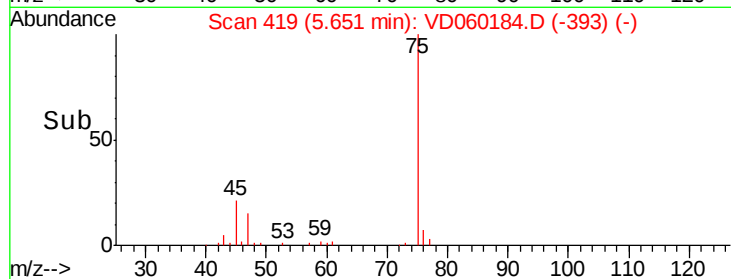
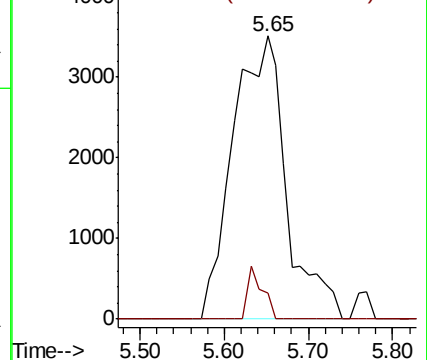
43 100

72 9.4 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.099 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.06 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

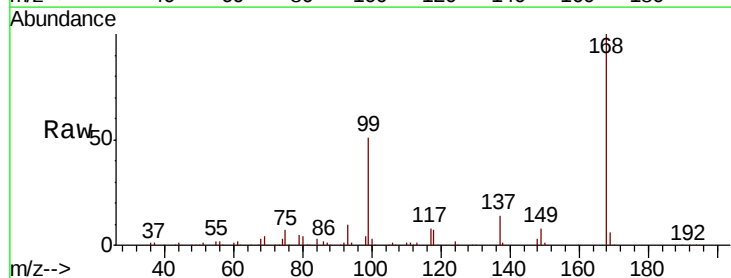
Tgt Ion: 56 Resp: 32075

Ion Ratio Lower Upper

56 100

69 246.7 22.8 34.2#

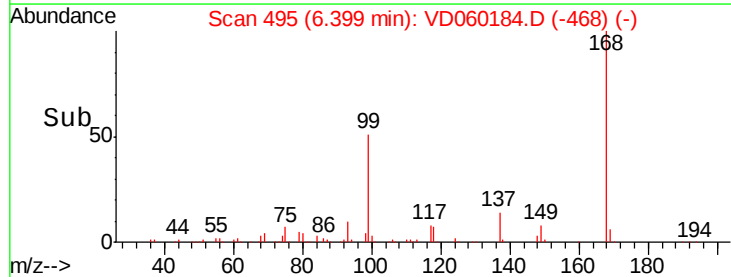
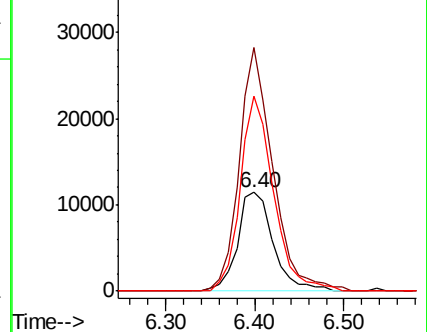
84 198.0 64.9 97.3#

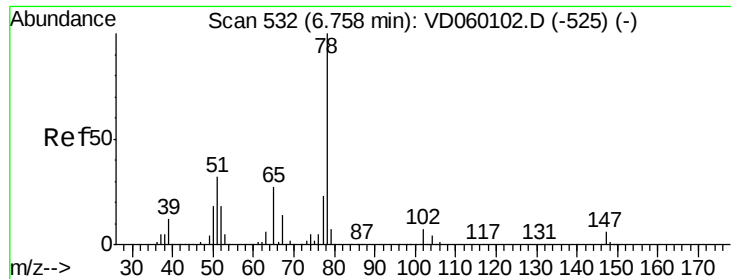


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

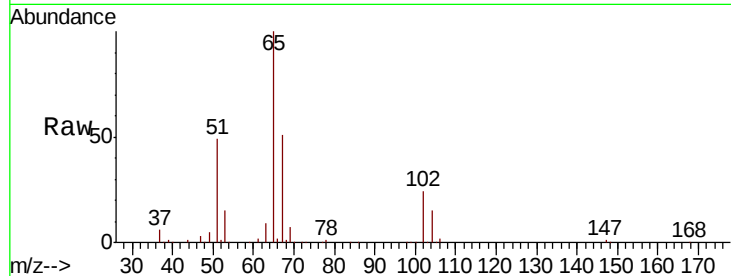
OK-03-102318

Tot Ion: 65 Resp: 772055

Ion Ratio Lower Upper

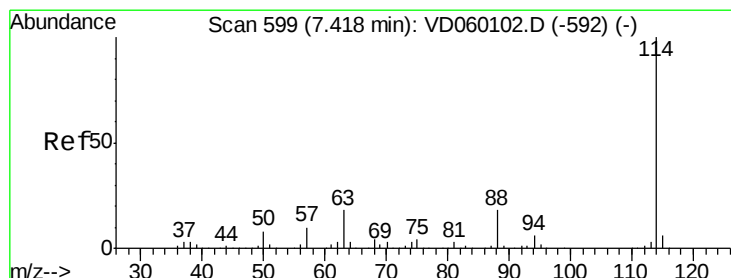
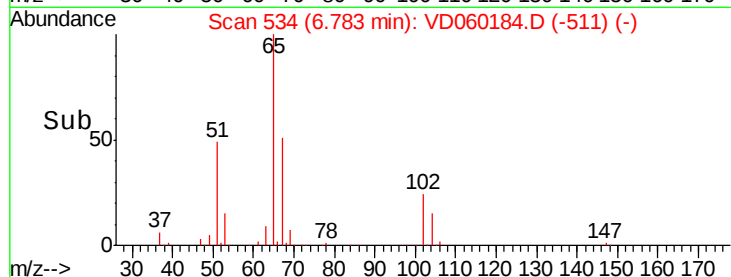
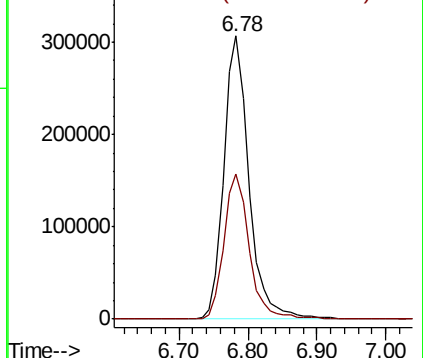
65 100

67 51.3 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

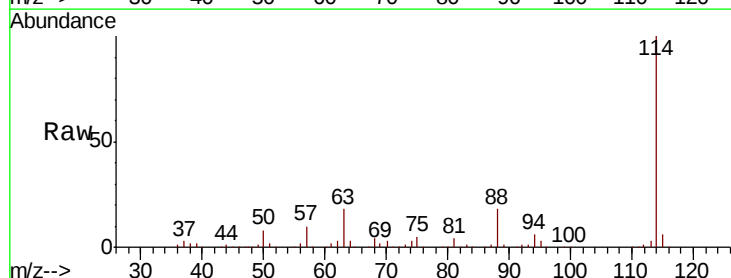
Tgt Ion: 114 Resp: 2541589

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.0

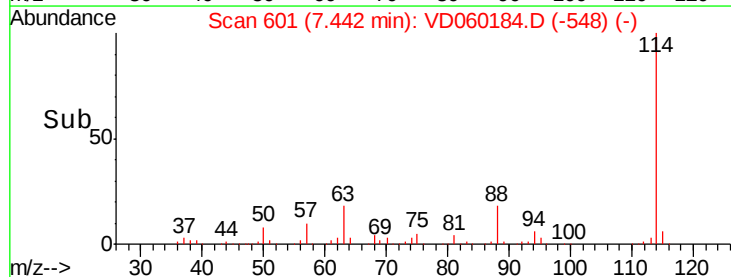
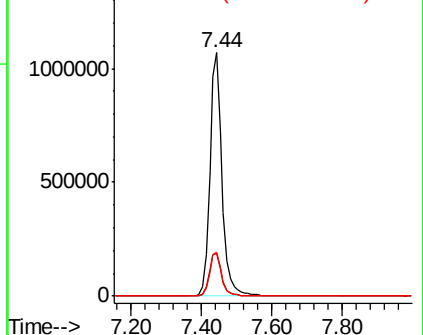
88 17.9 0.0 36.2

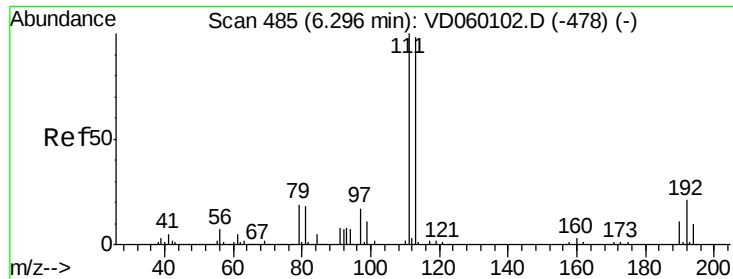


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

OK-03-102318

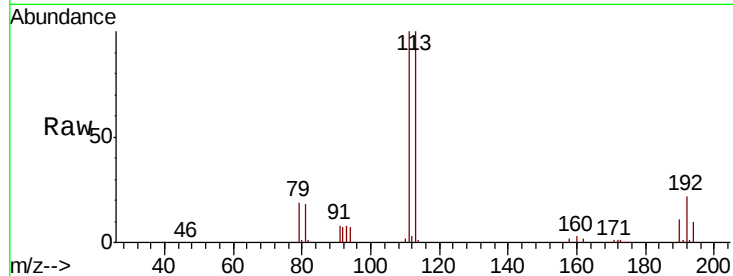
Tot Ion:113 Resp: 971325

Ion Ratio Lower Upper

113 100

111 100.1 81.5 122.3

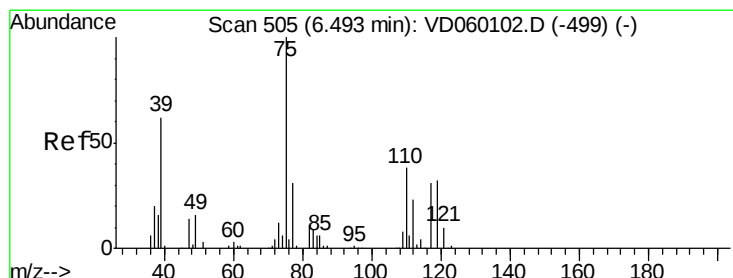
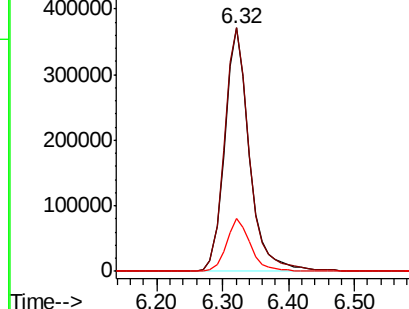
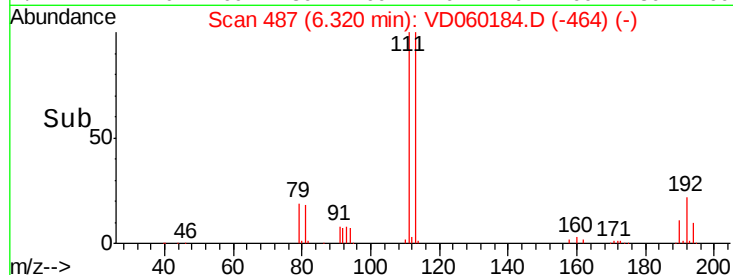
192 21.8 17.4 26.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 5.127 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.09 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

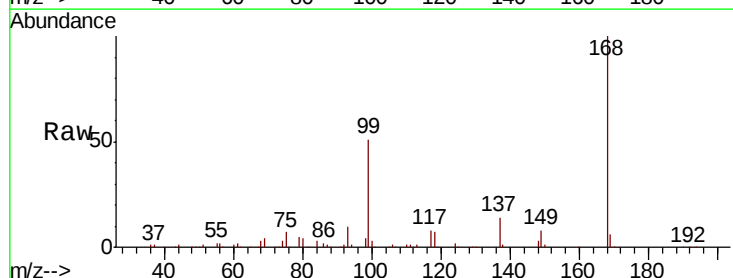
Tgt Ion: 75 Resp: 124513

Ion Ratio Lower Upper

75 100

110 7.0 19.0 57.0#

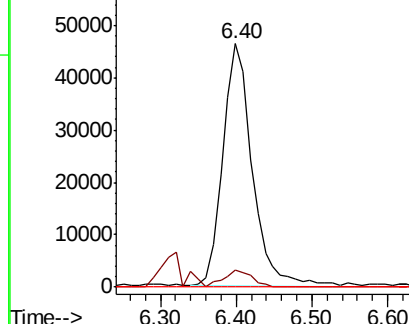
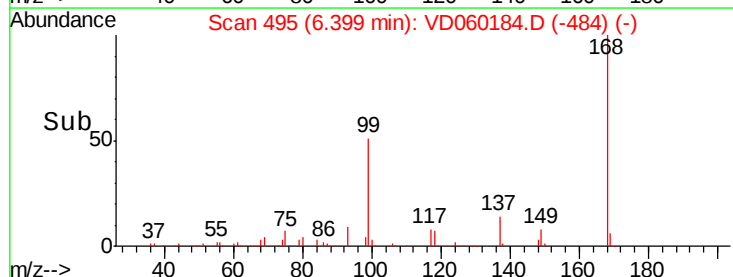
77 0.0 24.9 37.3#

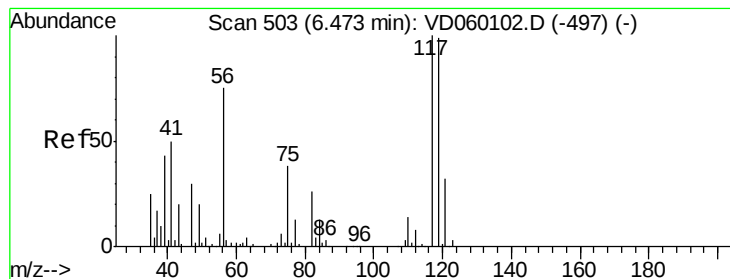


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.204 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.07 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

OK-03-102318

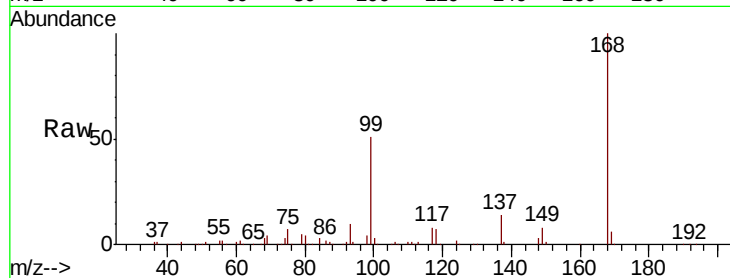
Tot Ion:117 Resp: 136753

Ion Ratio Lower Upper

117 100

119 5.4 77.8 116.6#

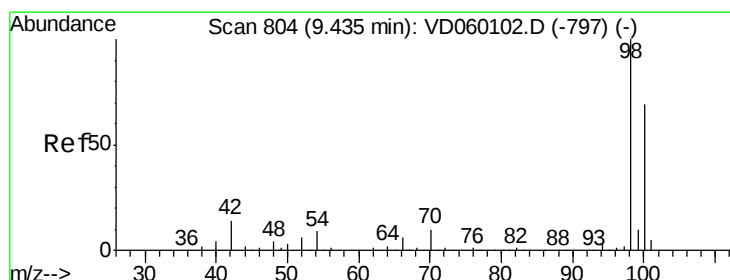
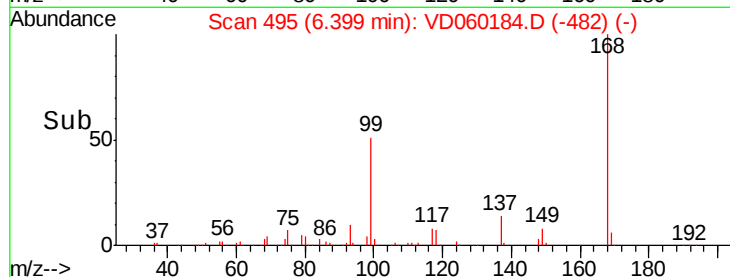
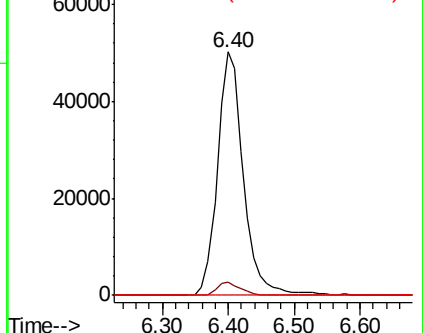
121 0.0 24.8 37.2#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060184.D

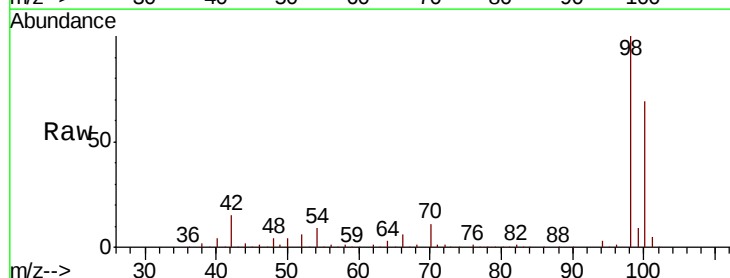
Acq: 24 Oct 2018 16:18

Tgt Ion: 98 Resp: 2562935

Ion Ratio Lower Upper

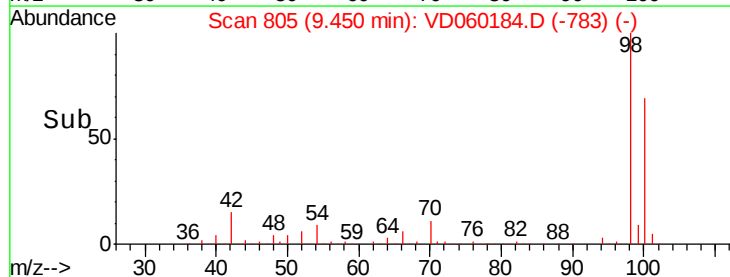
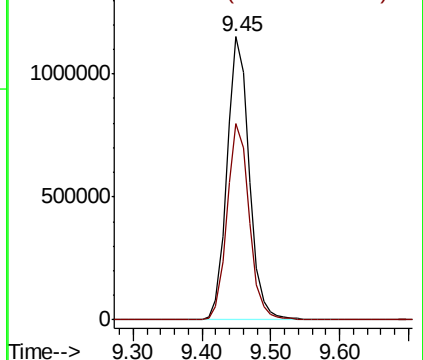
98 100

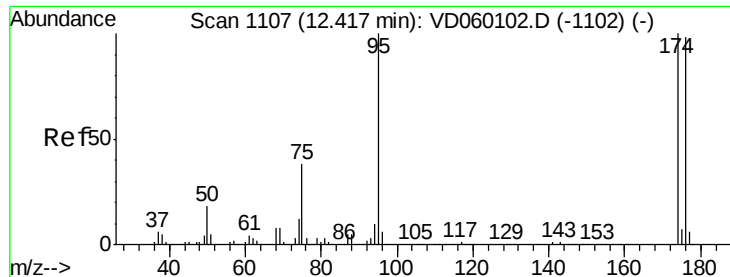
100 69.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

OK-03-102318

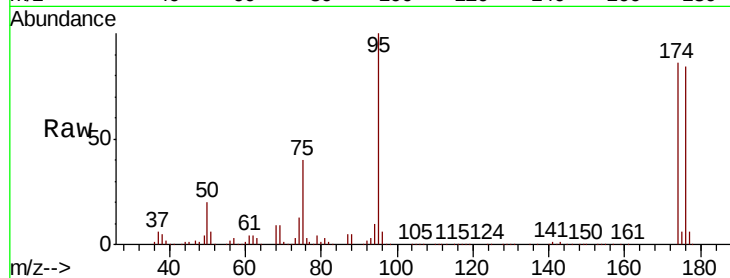
Tot Ion: 95 Resp: 886929

Ion Ratio Lower Upper

95 100

174 86.3 0.0 200.2

176 84.3 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

800000

600000

400000

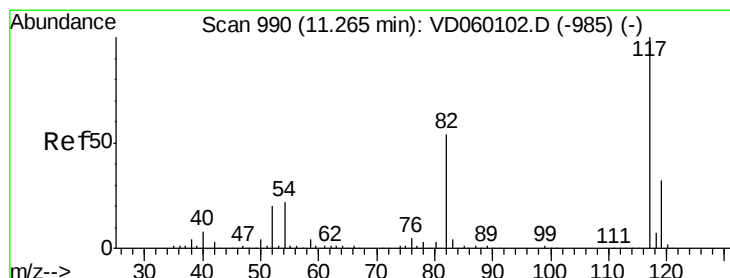
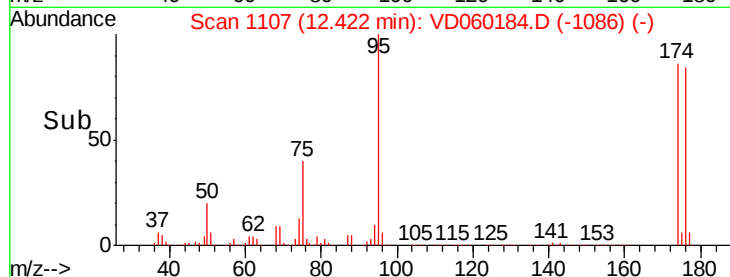
200000

0

12.42

12.30 12.40 12.50 12.60

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

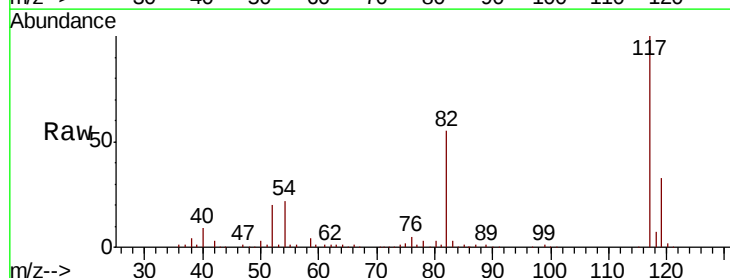
Tgt Ion: 117 Resp: 1900934

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.2

119 32.5 26.0 39.0



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

1500000

1000000

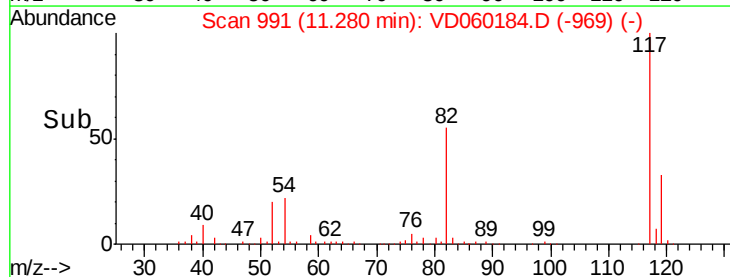
500000

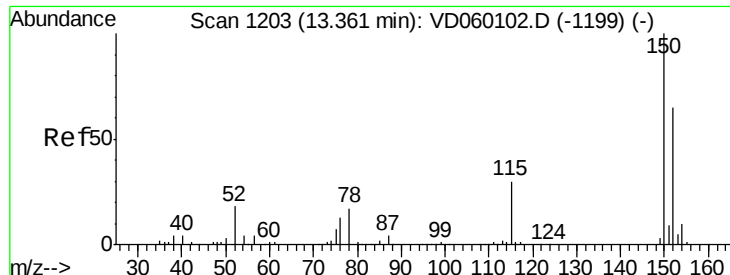
0

11.28

11.20 11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

Instrument :

MSVOA_D

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OK-03-102318

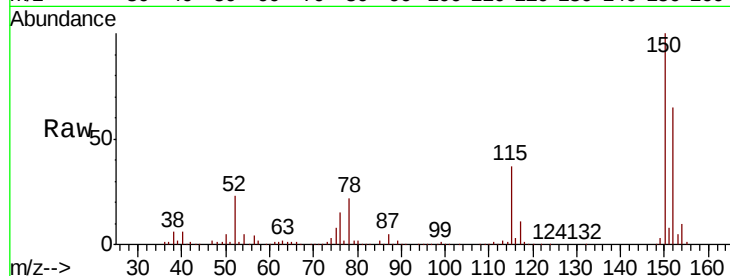
Tot Ion:152 Resp: 792366

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.2

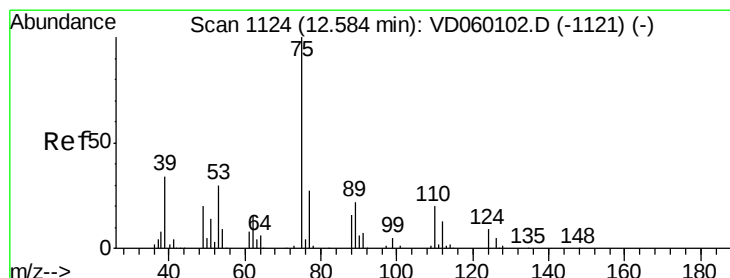
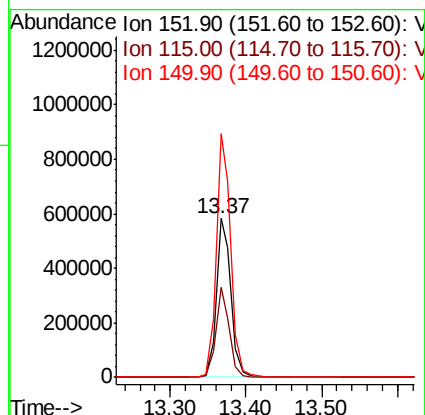
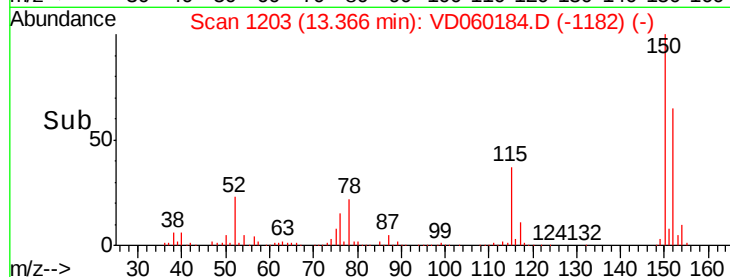
150 153.3 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 30.238 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.16 min

Lab File: VD060184.D

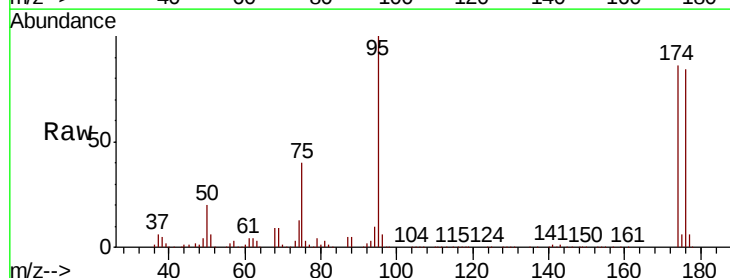
Acq: 24 Oct 2018 16:18

Tgt Ion: 75 Resp: 345049

Ion Ratio Lower Upper

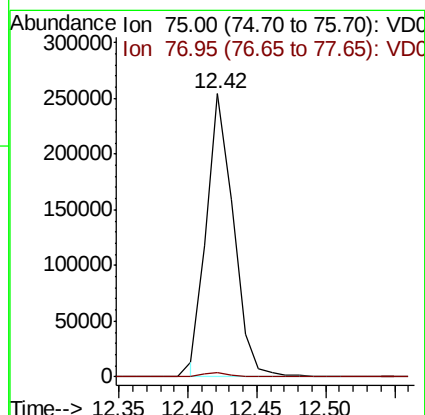
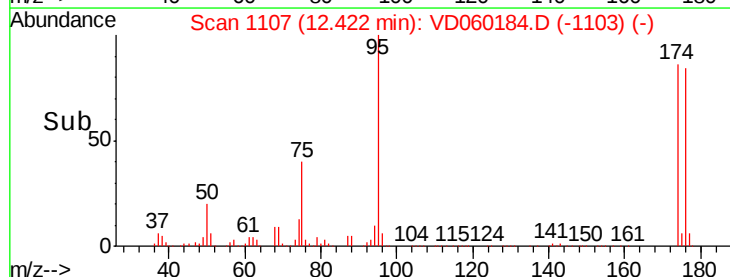
75 100

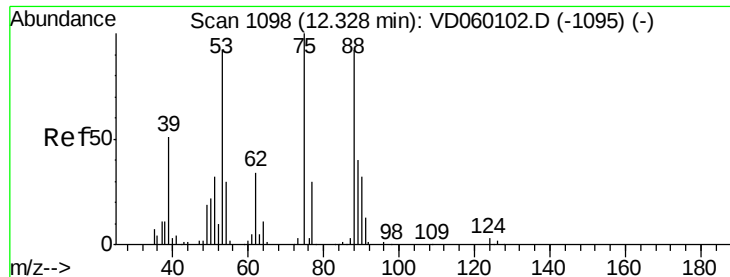
77 1.4 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 110.028 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

Instrument :

MSVOA_D

ClientSampleId :

OK-03-102318

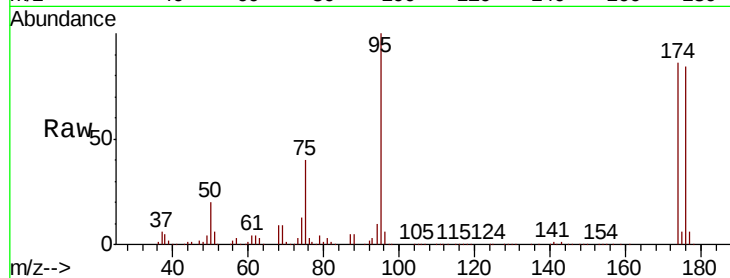
Tot Ion: 75 Resp: 352789

Ion Ratio Lower Upper

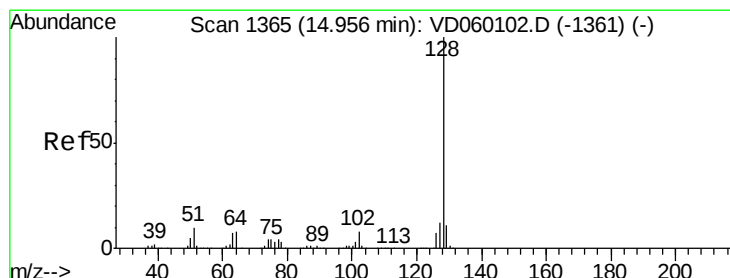
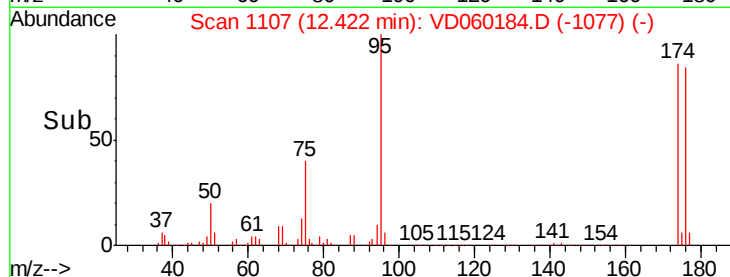
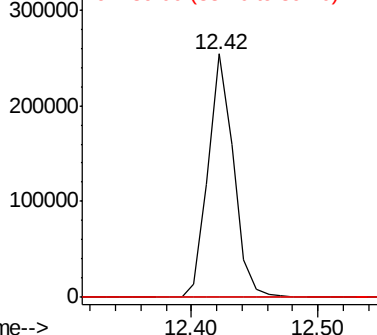
75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#95

Naphthalene

Concen: 4.550 ug/l

RT: 14.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD060184.D

Acq: 24 Oct 2018 16:18

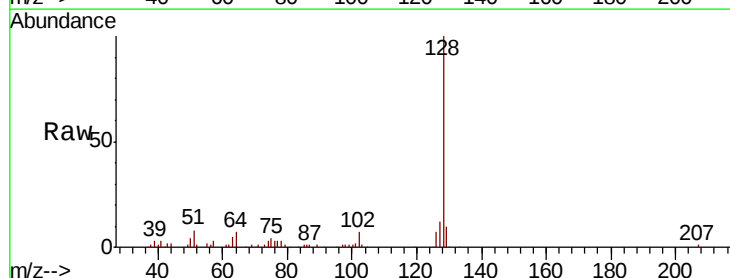
Tgt Ion: 128 Resp: 127402

Ion Ratio Lower Upper

128 100

127 11.8 9.9 14.9

129 9.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

