

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122818\
 Data File : VD060748.D
 Acq On : 28 Dec 2018 16:04
 Operator : VA/AP
 Sample : J6193-13
 Misc : 6.30g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-122718-B

Quant Time: Dec 28 22:21:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

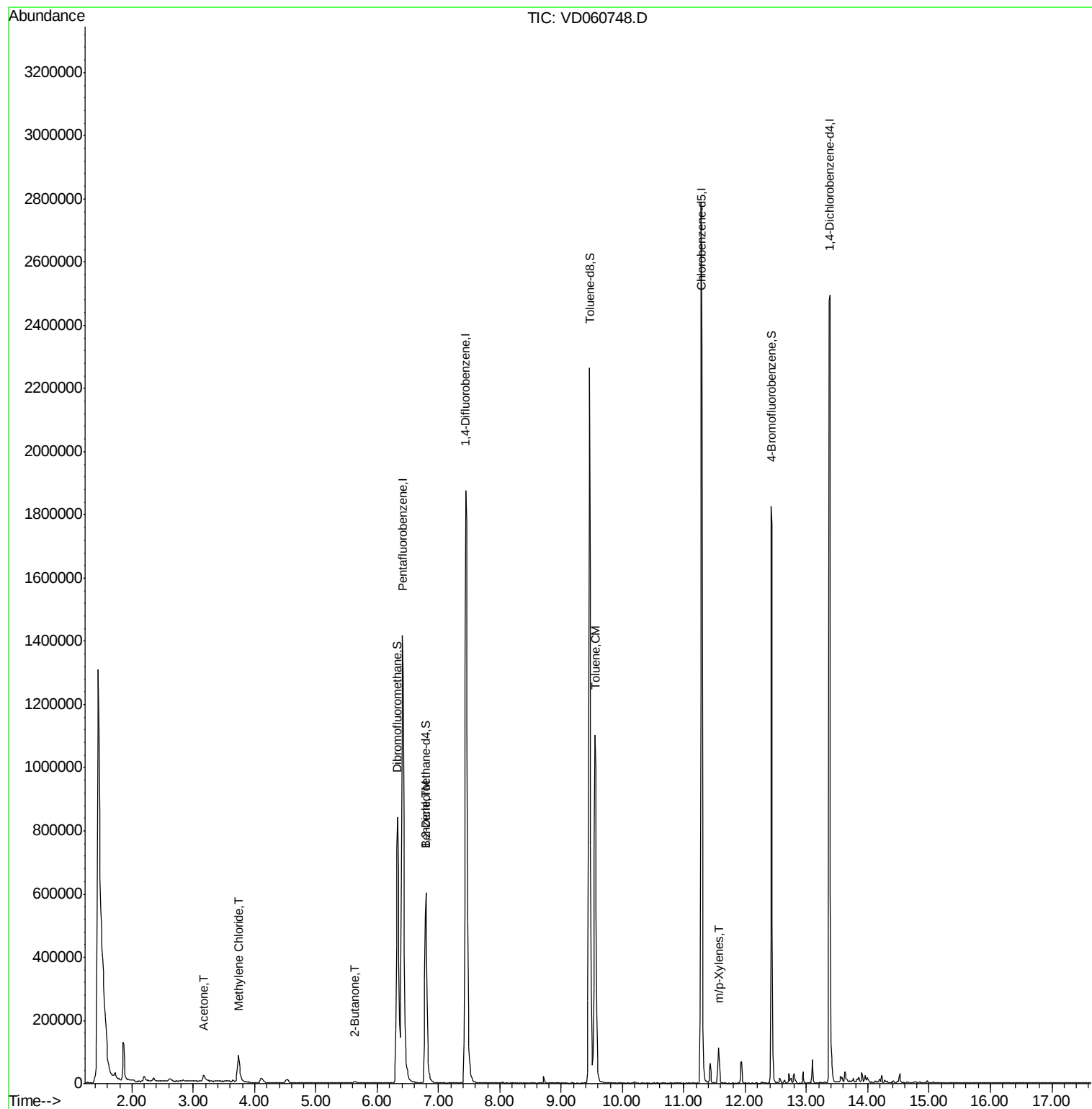
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1457096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	2064563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1544059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	661258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	472976	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	6.33	113	665984	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
50) Toluene-d8	9.46	98	1816990	40.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.60%	
62) 4-Bromofluorobenzene	12.42	95	552530	34.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.98%	
Target Compounds						
					Qvalue	
16) Acetone	3.16	43	37556	21.357	ug/l	93
20) Methylene Chloride	3.73	84	52875	2.895	ug/l	90
25) 2-Butanone	5.63	43	8900	2.645	ug/l	97
40) Benzene	6.80	78	63374	1.154	ug/l	96
52) Toluene	9.55	92	585551	17.009	ug/l	97
68) m/p-Xylenes	11.57	106	35966	1.685	ug/l	96

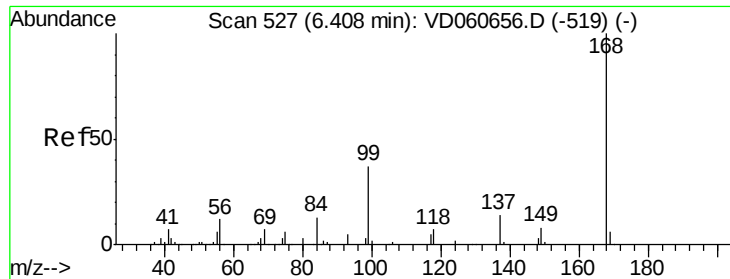
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122818\
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 527

Delta R.T. 0.00 min

Lab File: VD060748.D

Acq: 28 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

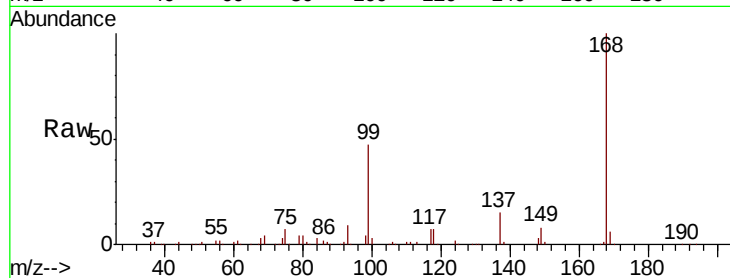
CL-02-122718-B

Tot Ion:168 Resp: 1457096

Ion Ratio Lower Upper

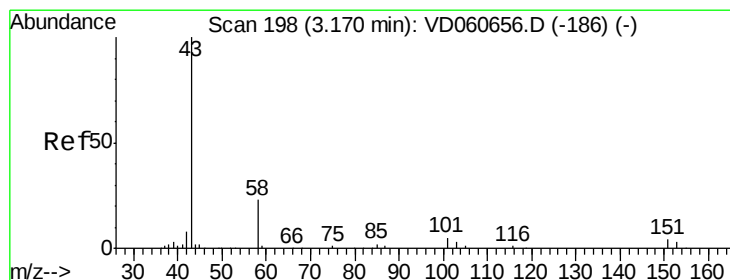
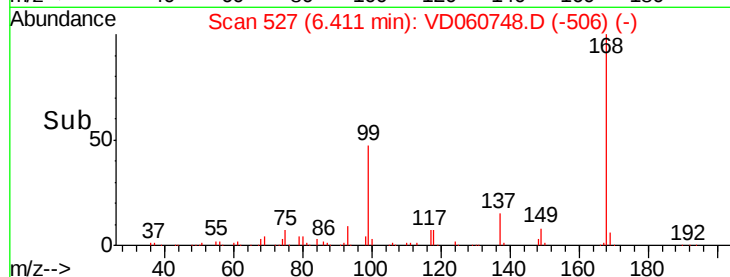
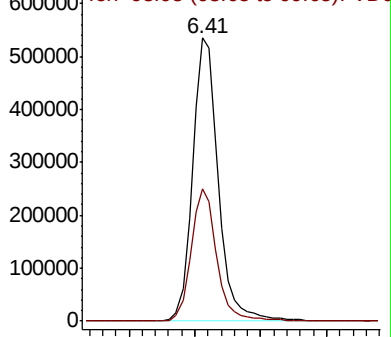
168 100

99 46.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 21.357 ug/l

RT: 3.16 min Scan# 197

Delta R.T. -0.01 min

Lab File: VD060748.D

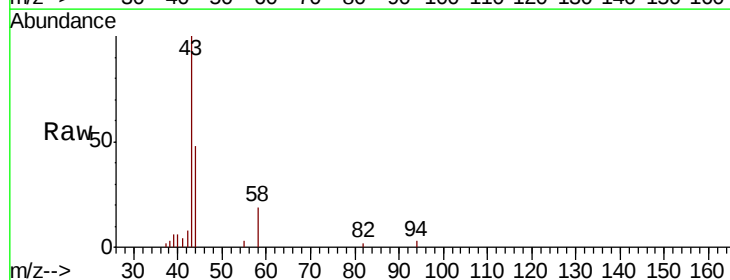
Acq: 28 Dec 2018 16:04

Tgt Ion: 43 Resp: 37556

Ion Ratio Lower Upper

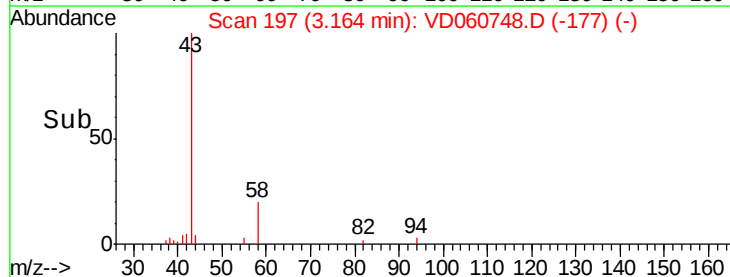
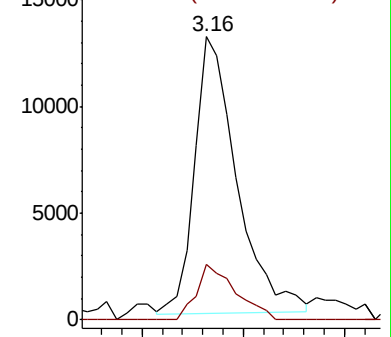
43 100

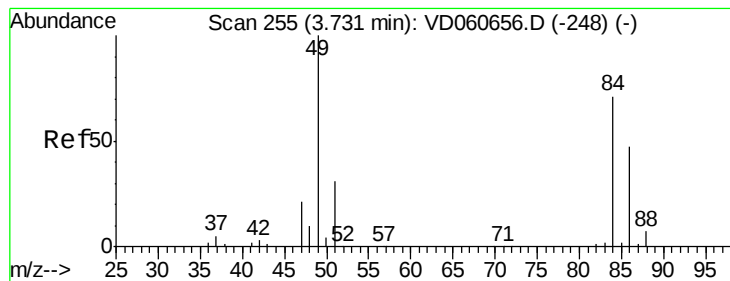
58 19.5 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methvlene Chloride

Concen: 2.895 ug/l

RT: 3.73 min Scan# 255

Delta R.T. 0.00 min

Lab File: VD060748.D

Acq: 28 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-B

Tot Ion: 84 Resp: 52875

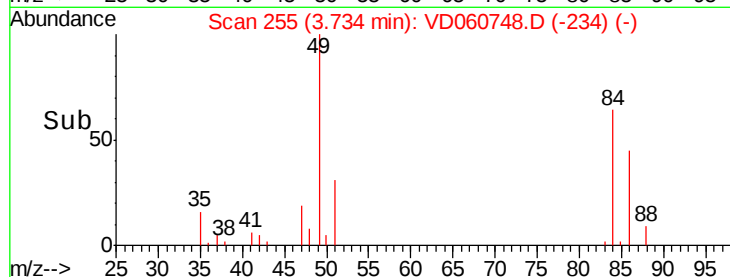
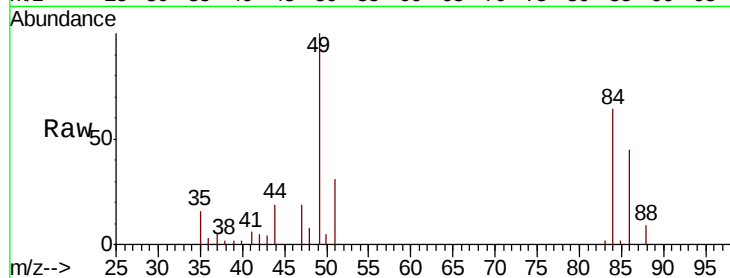
Ion Ratio Lower Upper

84 100

49 156.2 113.6 170.4

51 48.8 34.7 52.1

86 70.8 52.8 79.2

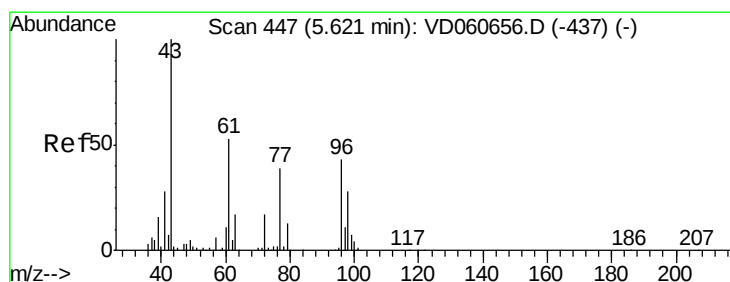
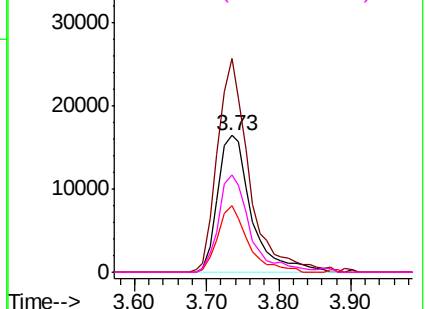


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#25

2-Butanone

Concen: 2.645 ug/l

RT: 5.63 min Scan# 448

Delta R.T. 0.01 min

Lab File: VD060748.D

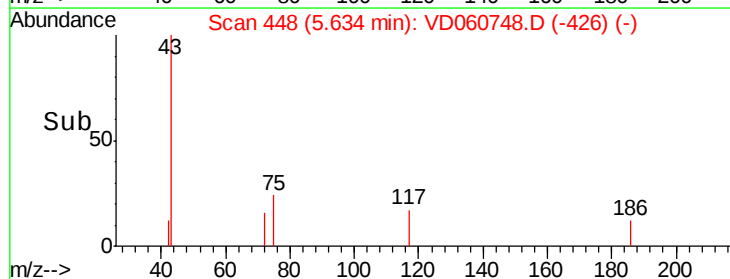
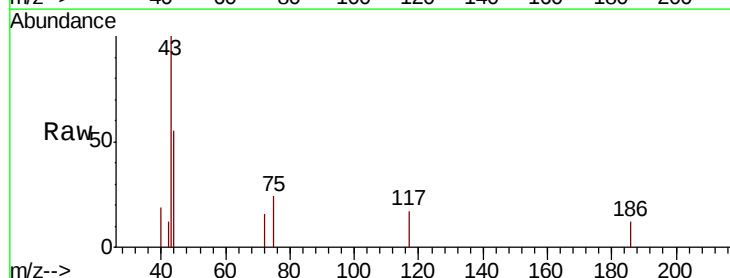
Acq: 28 Dec 2018 16:04

Tgt Ion: 43 Resp: 8900

Ion Ratio Lower Upper

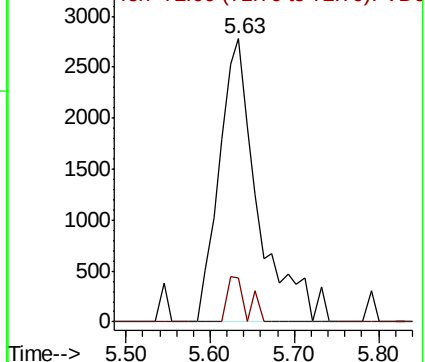
43 100

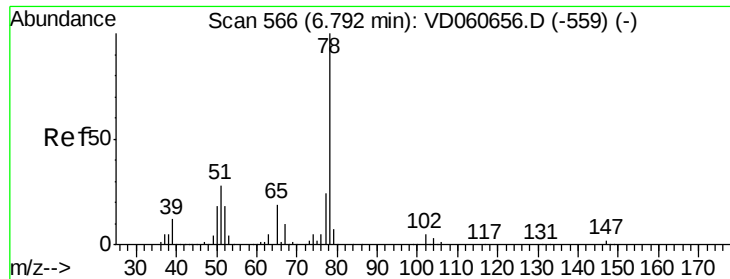
72 15.8 13.7 20.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 566

Delta R.T. 0.00 min

Lab File: VD060748.D

Acq: 28 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

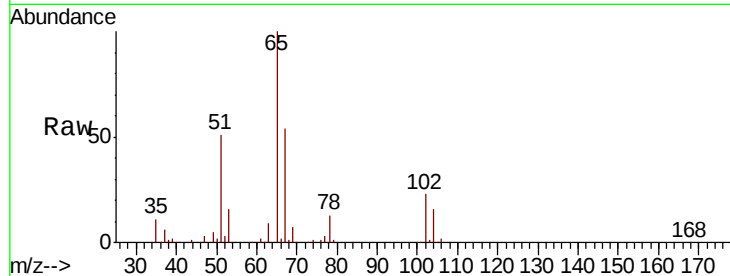
CL-02-122718-B

Tot Ion: 65 Resp: 472976

Ion Ratio Lower Upper

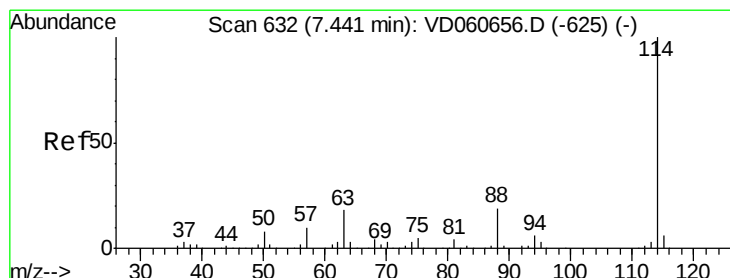
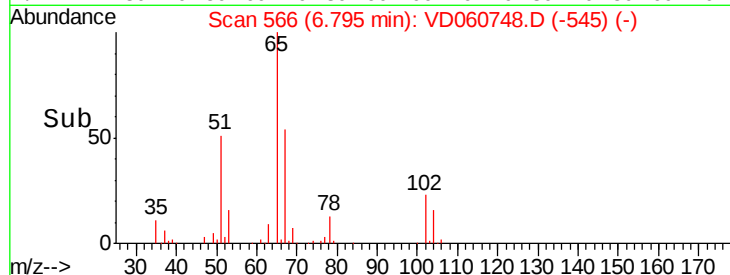
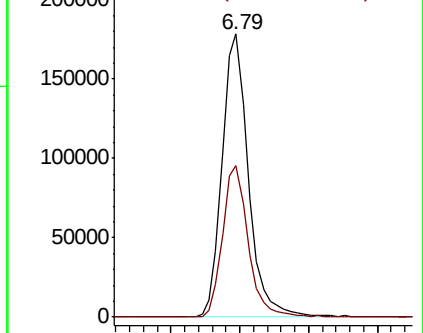
65 100

67 53.7 0.0 105.4



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# 632

Delta R.T. 0.00 min

Lab File: VD060748.D

Acq: 28 Dec 2018 16:04

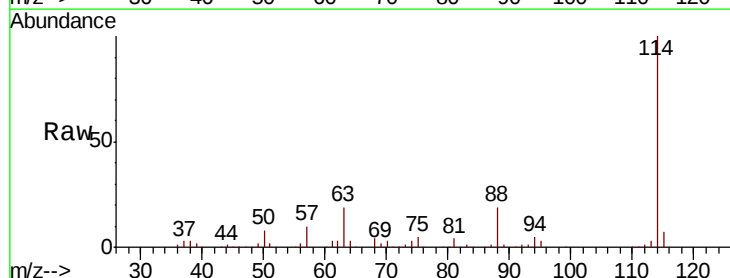
Tgt Ion: 114 Resp: 2064563

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.2

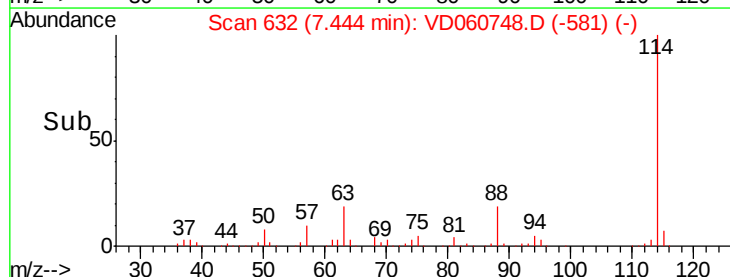
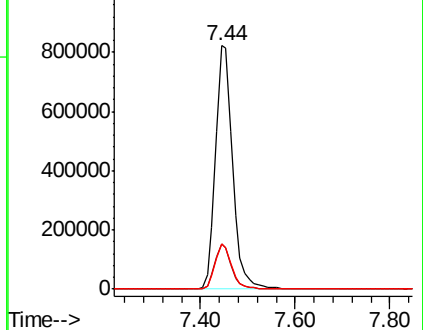
88 18.5 0.0 37.0

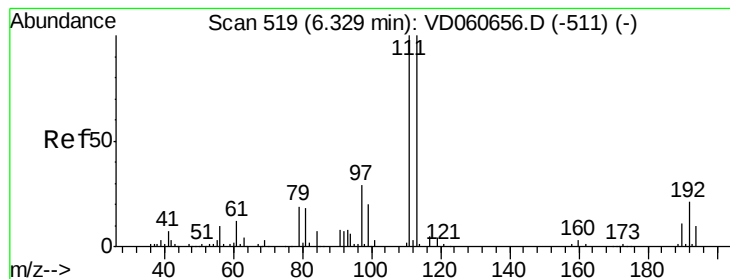


Abundance Ion 114.00 (113.70 to 114.70): VDC

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: 6.33 min Scan# 519

Delta R.T. 0.00 min

Lab File: VD060748.D

Acq: 28 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-B

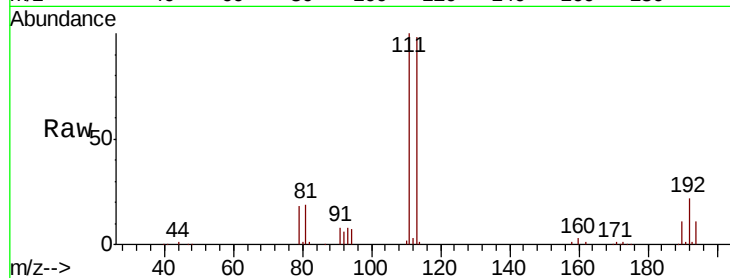
Tot Ion:113 Resp: 665984

Ion Ratio Lower Upper

113 100

111 102.4 80.0 120.0

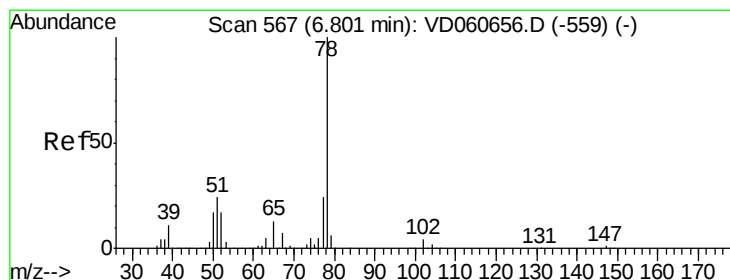
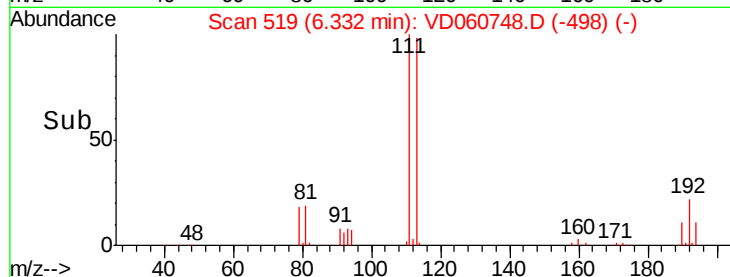
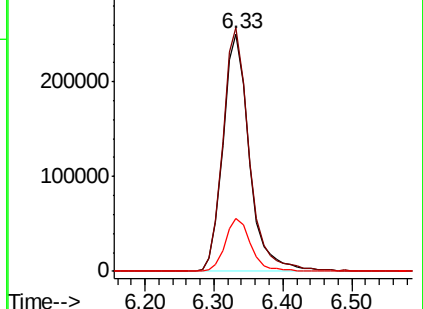
192 22.1 16.6 25.0



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



#40

Benzene

Concen: 1.154 ug/l

RT: 6.80 min Scan# 567

Delta R.T. 0.00 min

Lab File: VD060748.D

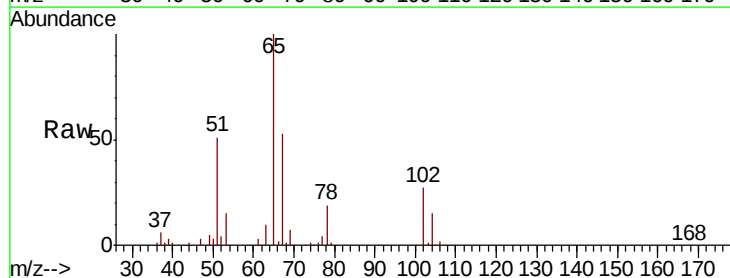
Acq: 28 Dec 2018 16:04

Tgt Ion: 78 Resp: 63374

Ion Ratio Lower Upper

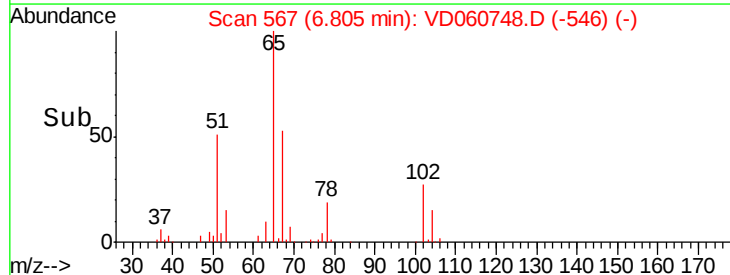
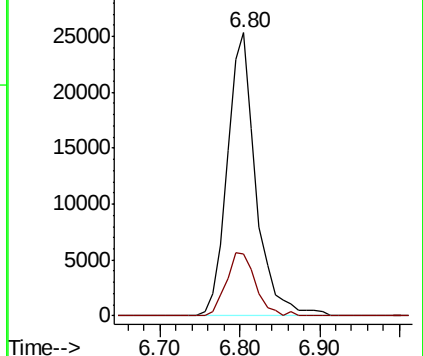
78 100

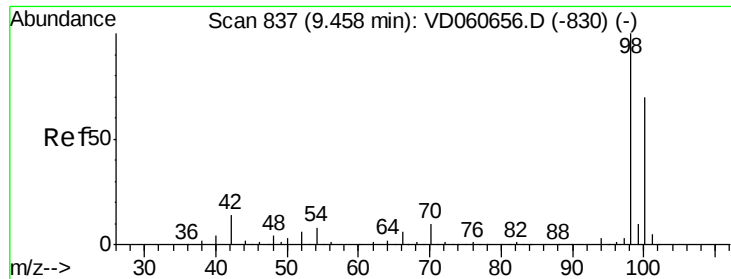
77 22.1 19.2 28.8



Abundance Ion 77.95 (77.65 to 78.65): V

Ion 76.95 (76.65 to 77.65): V

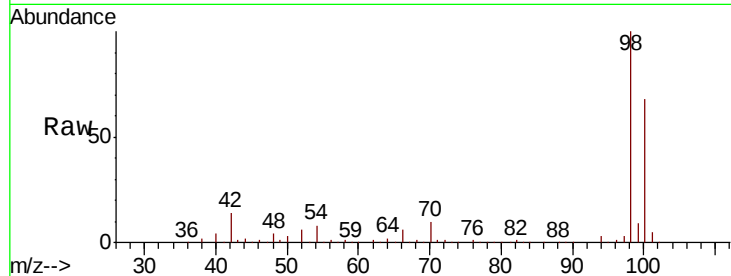




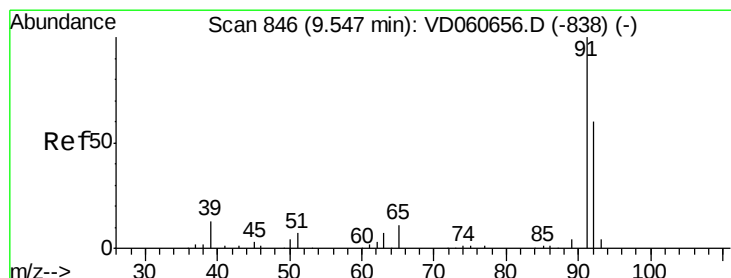
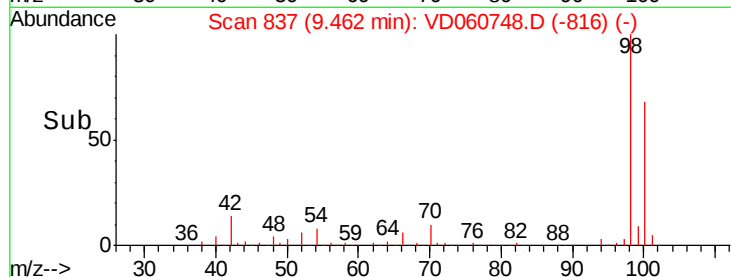
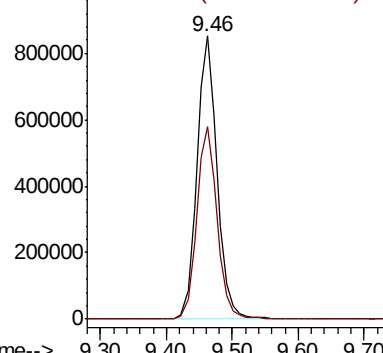
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.00 min
Lab File: VD060748.D
Acq: 28 Dec 2018 16:04

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-B

Tot Ion: 98 Resp: 1816990
Ion Ratio Lower Upper
98 100
100 68.2 55.8 83.8

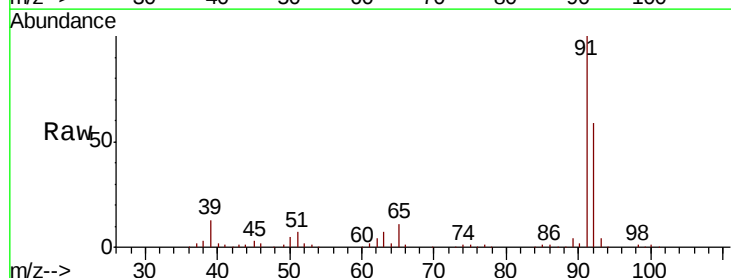


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

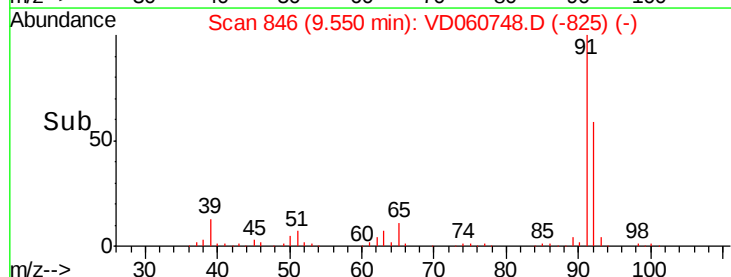
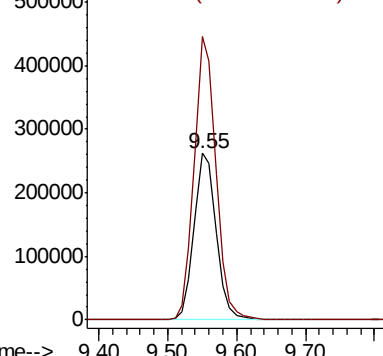


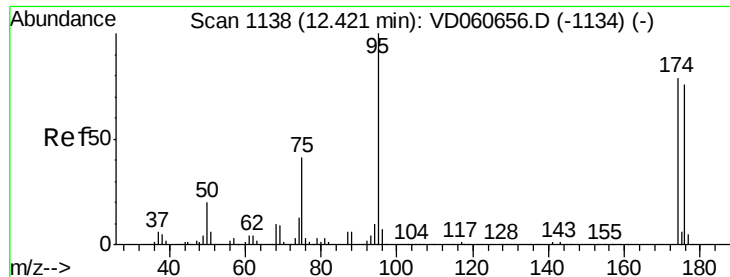
#52
Toluene
Concen: 17.009 ug/l
RT: 9.55 min Scan# 846
Delta R.T. 0.00 min
Lab File: VD060748.D
Acq: 28 Dec 2018 16:04

Tgt Ion: 92 Resp: 585551
Ion Ratio Lower Upper
92 100
91 169.9 132.6 199.0



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VD060748.D

Acq: 28 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

CL-02-122718-B

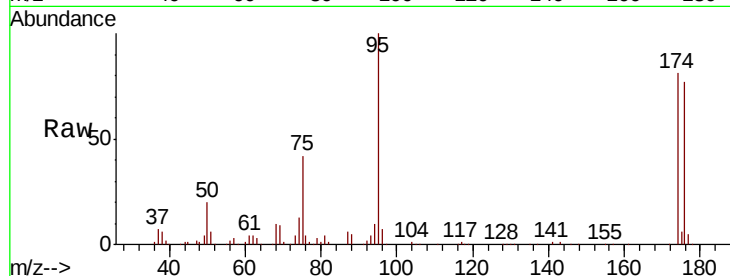
Tot Ion: 95 Resp: 552530

Ion Ratio Lower Upper

95 100

174 80.8 0.0 158.2

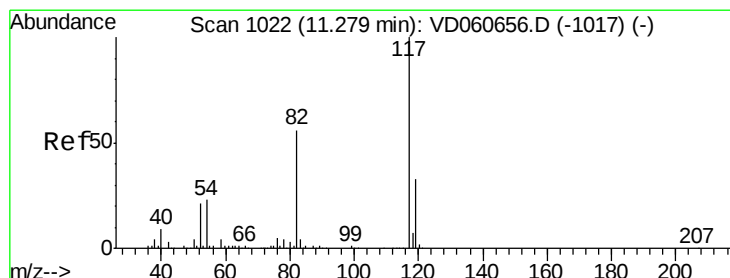
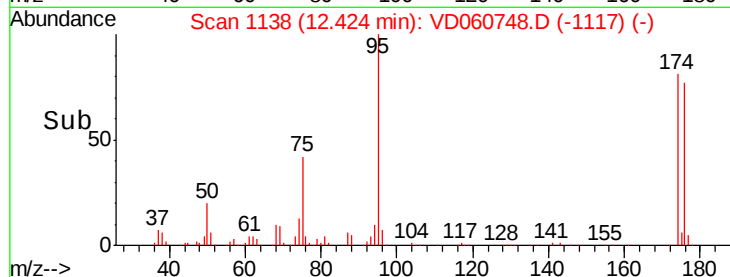
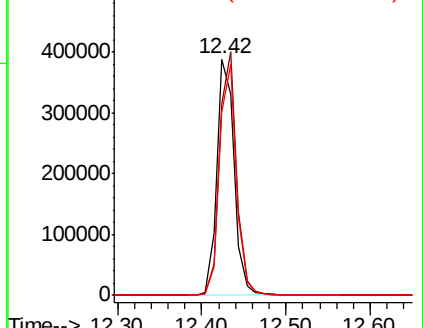
176 77.5 0.0 152.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 1022

Delta R.T. 0.00 min

Lab File: VD060748.D

Acq: 28 Dec 2018 16:04

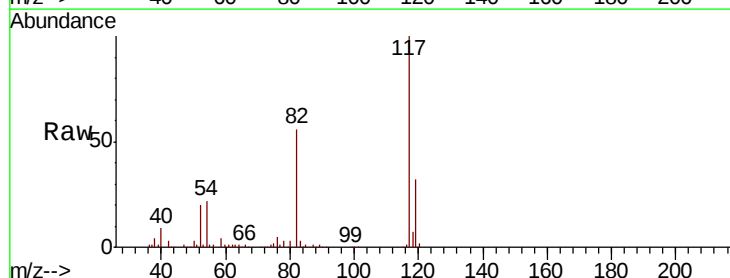
Tgt Ion: 117 Resp: 1544059

Ion Ratio Lower Upper

117 100

82 55.8 44.5 66.7

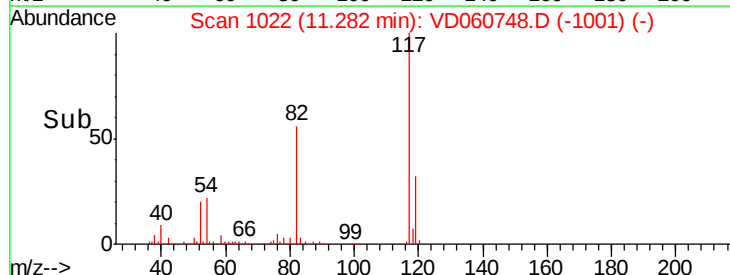
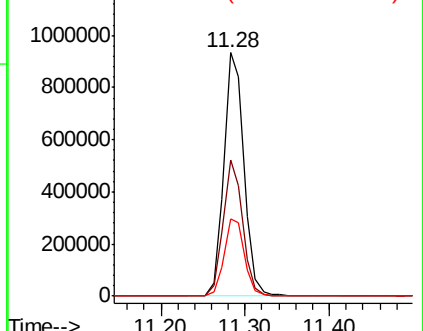
119 31.9 26.3 39.5

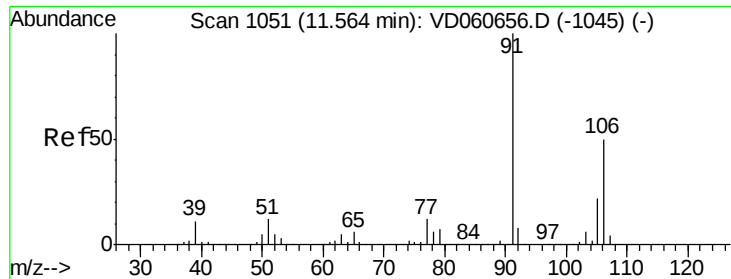


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

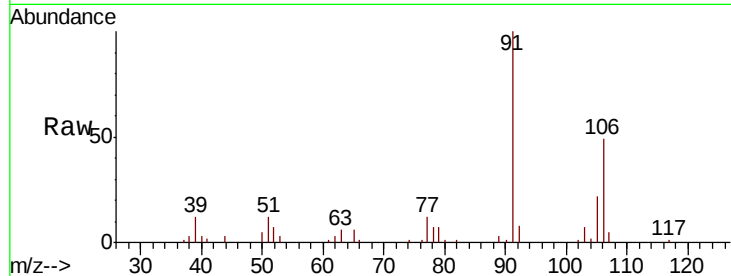




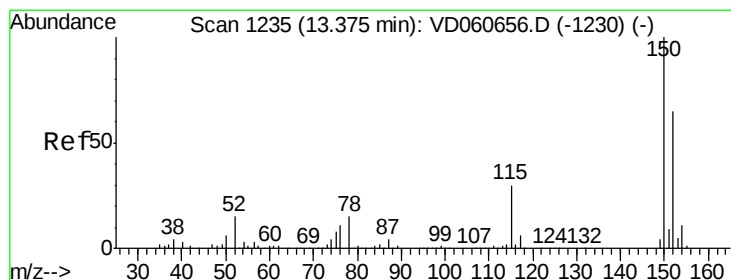
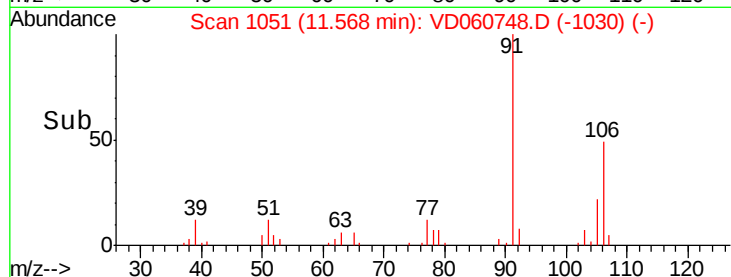
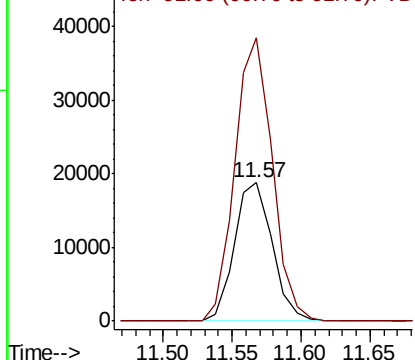
#68
m/p-Xvlenes
Concen: 1.685 ug/l
RT: 11.57 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD060748.D
Acq: 28 Dec 2018 16:04

Instrument :
MSVOA_D
ClientSampleId :
CL-02-122718-B

Tot Ion:106 Resp: 35966
Ion Ratio Lower Upper
106 100
91 204.6 158.9 238.3

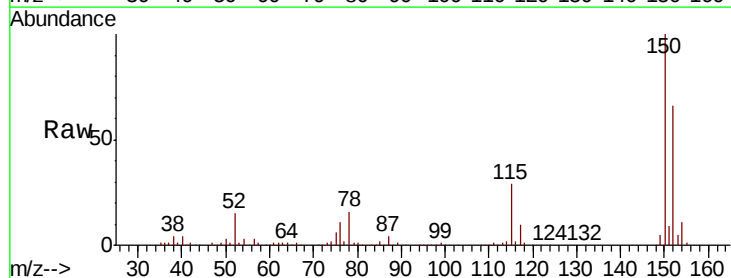


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VD060748.D
Acq: 28 Dec 2018 16:04

Tgt Ion:152 Resp: 661258
Ion Ratio Lower Upper
152 100
115 44.3 24.1 72.3
150 151.2 0.0 315.0



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

