

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060024.D
 Acq On : 17 Sep 2018 16:34
 Operator : JC/SY
 Sample : J4773-05RE
 Misc : 6.46g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-CRE

Quant Time: Sep 18 05:03:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

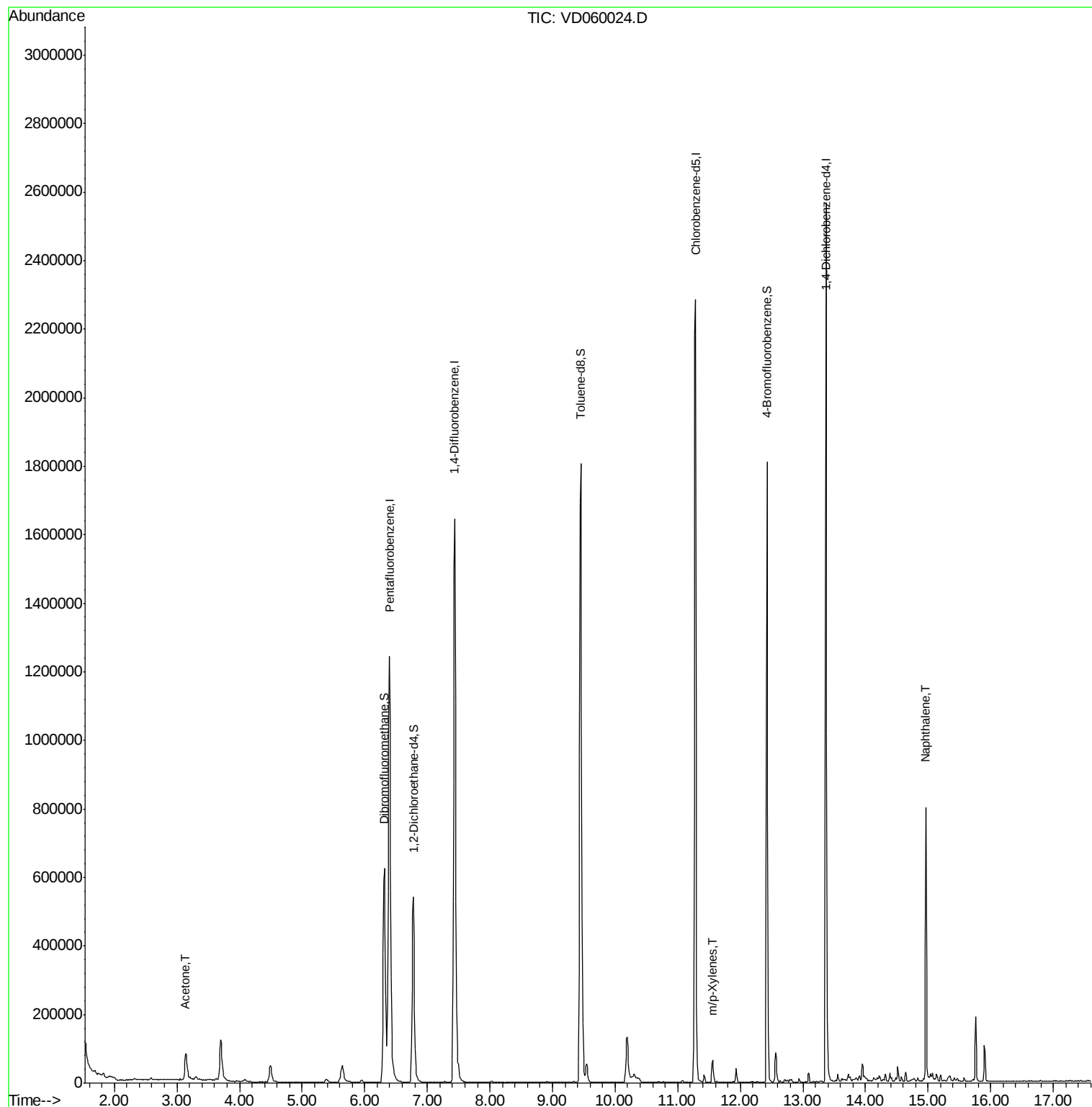
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1206694	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.44	114	1693090	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1311357	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	567083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	439824	46.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.48%	
35) Dibromofluoromethane	6.32	113	503293	38.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.10%	
50) Toluene-d8	9.45	98	1460764	39.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.70%	
62) 4-Bromofluorobenzene	12.43	95	499554	35.67	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.34%	
Target Compounds						
16) Acetone	3.14	43	160281	88.22	ug/l	98
68) m/p-Xylenes	11.56	106	20263	1.21	ug/l	82
95) Naphthalene	14.97	128	448847	21.89	ug/l	99

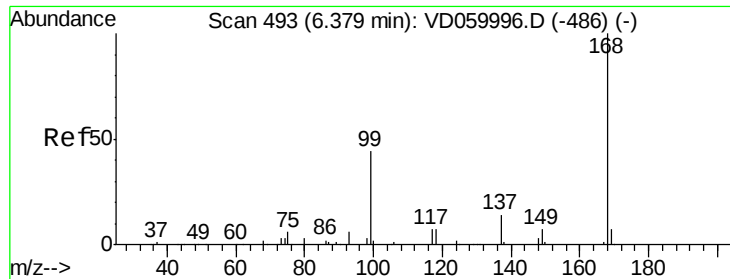
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091718\
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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060024.D

Acq: 17 Sep 2018 16:34

Instrument :

MSVOA_D

ClientSampleId :

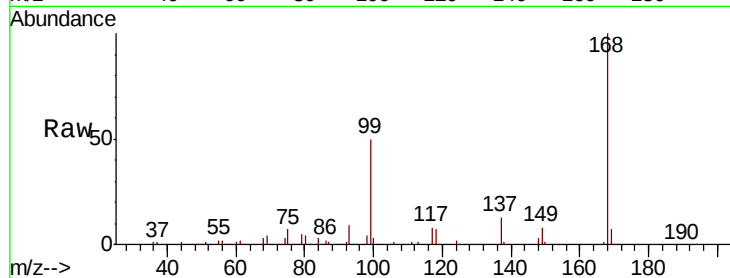
CL-01-091418-CRE

Tot Ion:168 Resp: 1206694

Ion Ratio Lower Upper

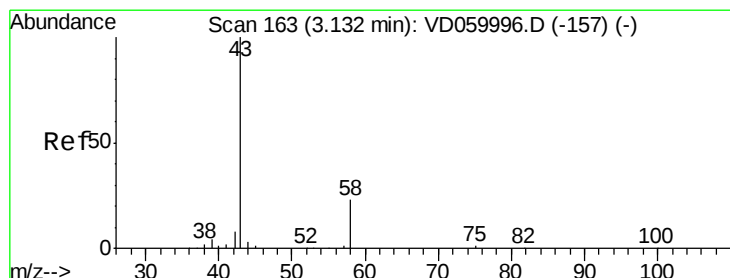
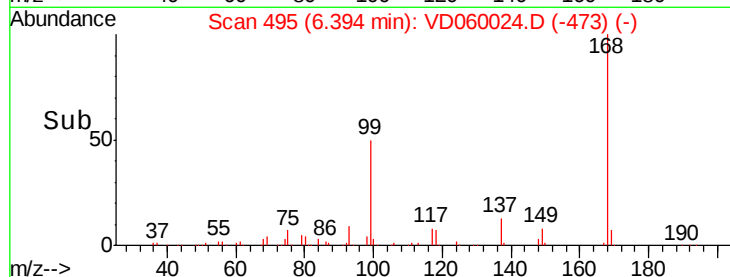
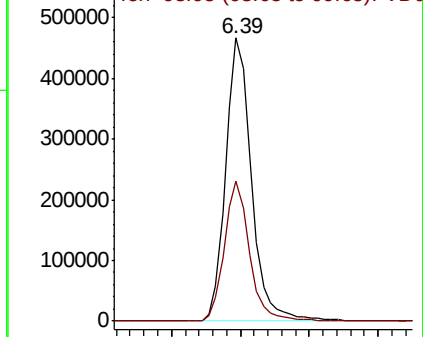
168 100

99 49.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 88.22 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD060024.D

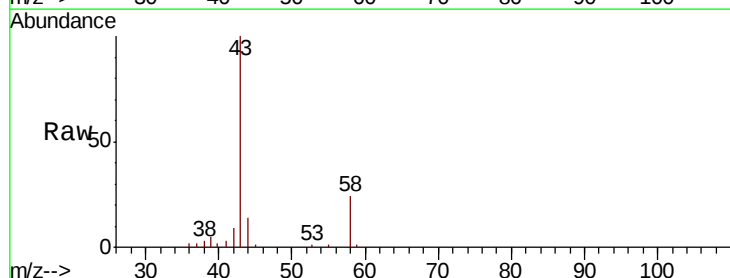
Acq: 17 Sep 2018 16:34

Tgt Ion: 43 Resp: 160281

Ion Ratio Lower Upper

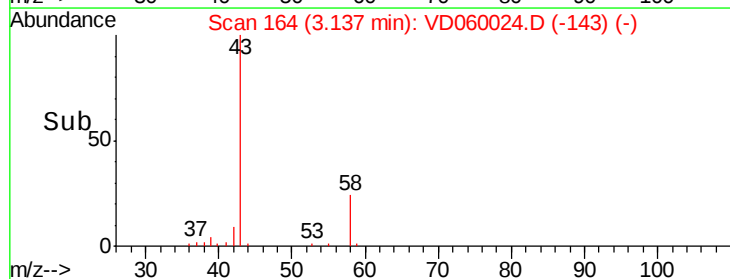
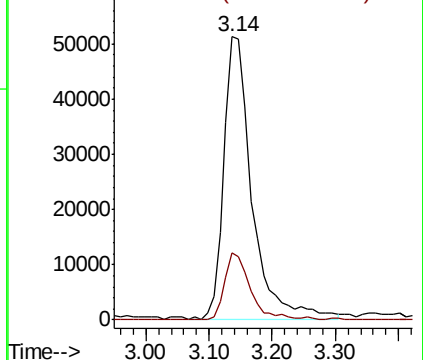
43 100

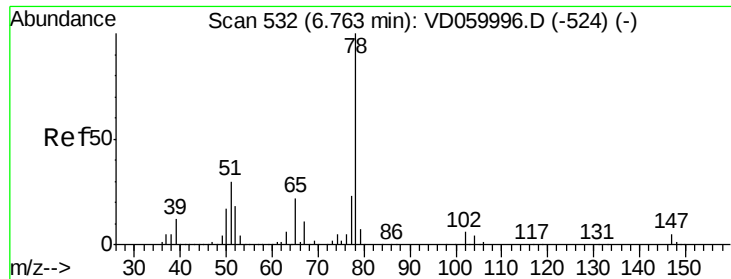
58 23.6 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.01 min

Lab File: VD060024.D

Acq: 17 Sep 2018 16:34

Instrument :

MSVOA_D

ClientSampleId :

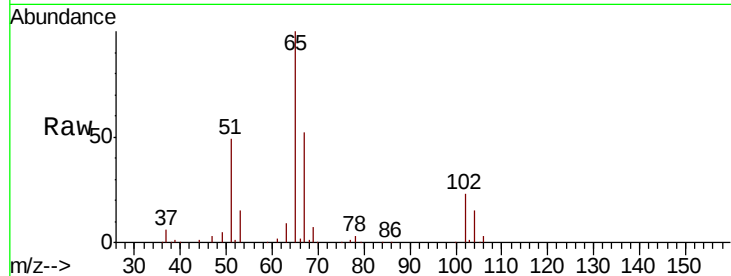
CL-01-091418-CRE

Tot Ion: 65 Resp: 439824

Ion Ratio Lower Upper

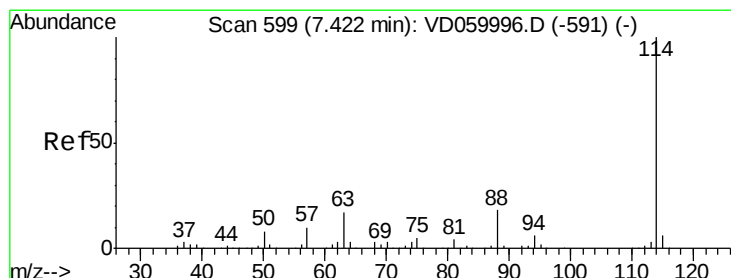
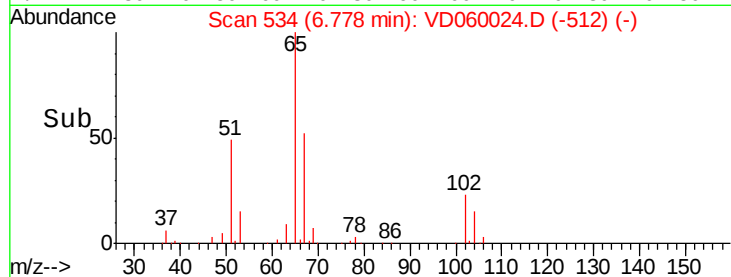
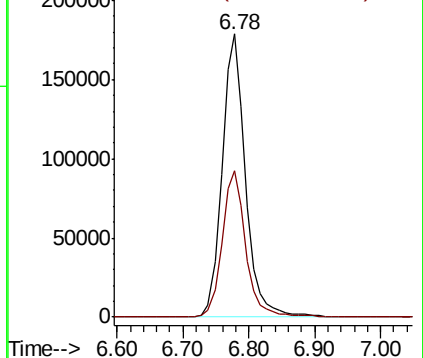
65 100

67 51.7 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.01 min

Lab File: VD060024.D

Acq: 17 Sep 2018 16:34

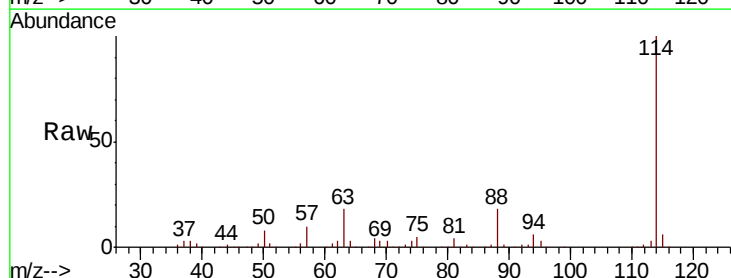
Tgt Ion: 114 Resp: 1693090

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

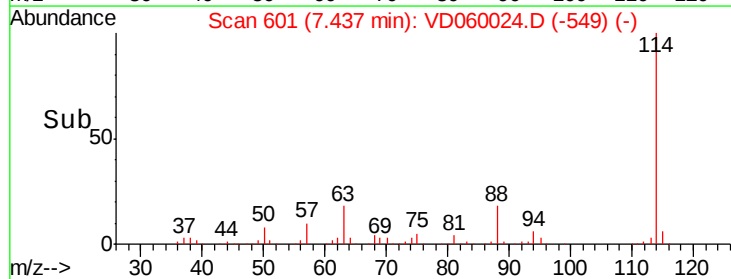
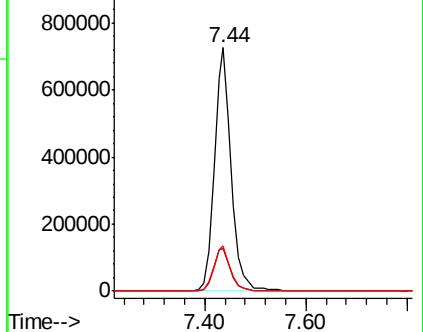
88 18.3 0.0 35.8

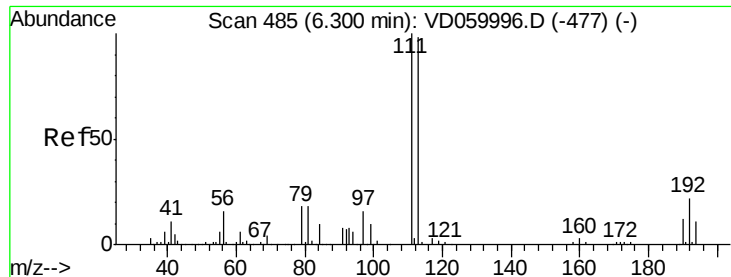


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.32 min Scan# 487

Delta R.T. 0.01 min

Lab File: VD060024.D

Acq: 17 Sep 2018 16:34

Instrument :

MSVOA_D

ClientSampleId :

CL-01-091418-CRE

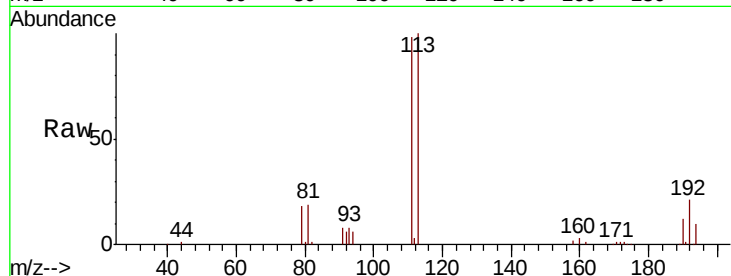
Tot Ion:113 Resp: 503293

Ion Ratio Lower Upper

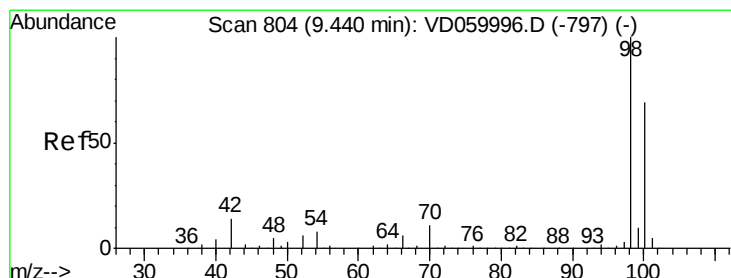
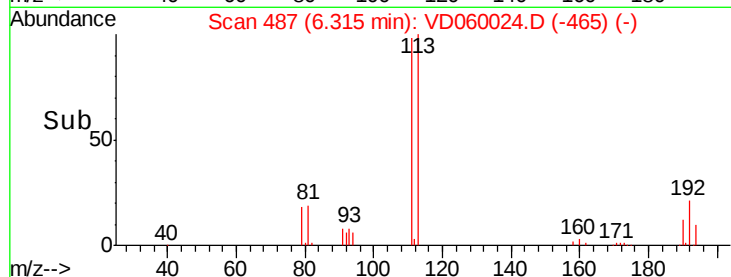
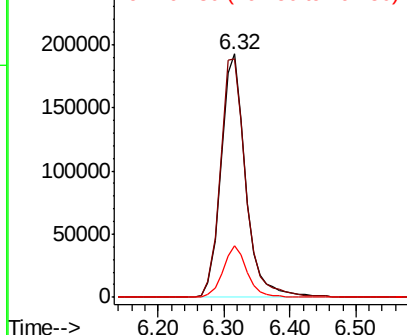
113 100

111 98.1 81.3 121.9

192 21.3 18.1 27.1



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. 0.01 min

Lab File: VD060024.D

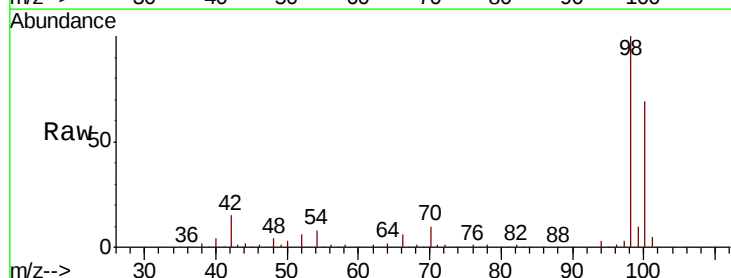
Acq: 17 Sep 2018 16:34

Tgt Ion: 98 Resp: 1460764

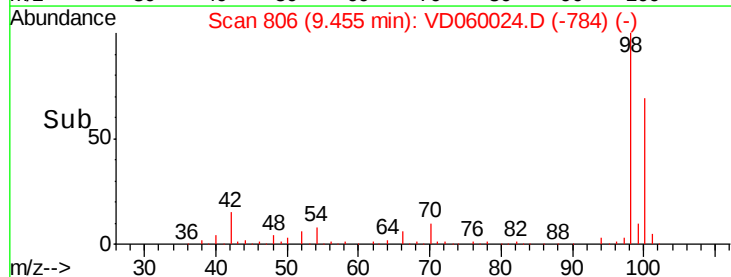
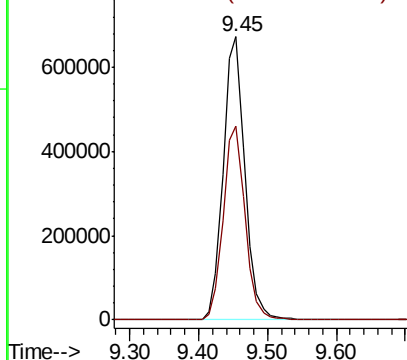
Ion Ratio Lower Upper

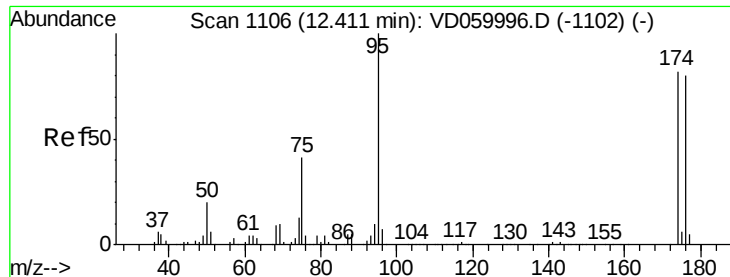
98 100

100 68.6 55.8 83.6



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

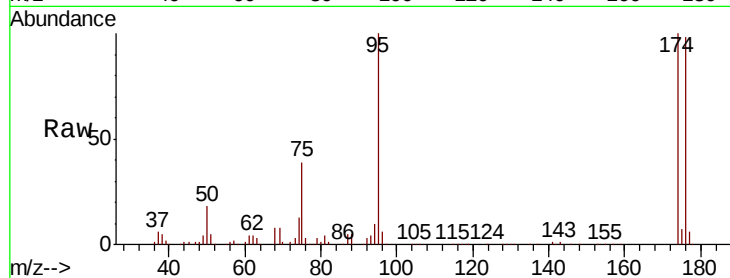




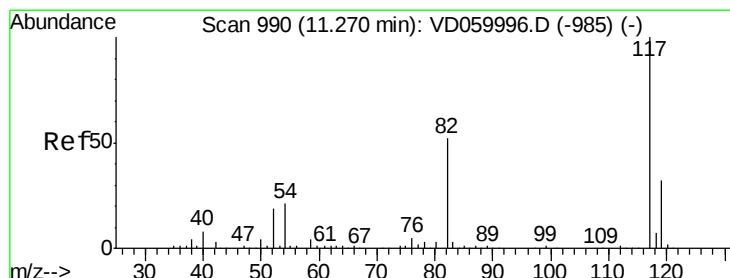
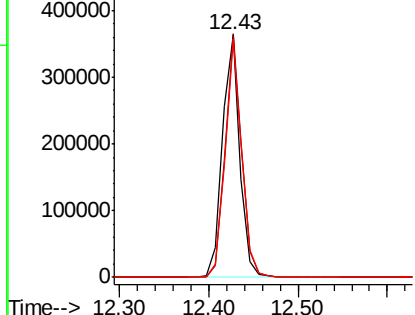
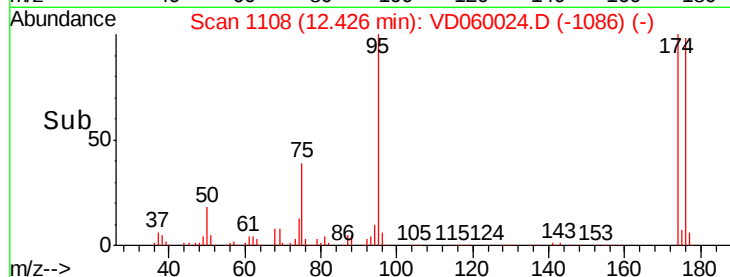
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-CRE

Tot Ion: 95 Resp: 499554
Ion Ratio Lower Upper
95 100
174 100.4 0.0 165.0
176 98.1 0.0 160.2

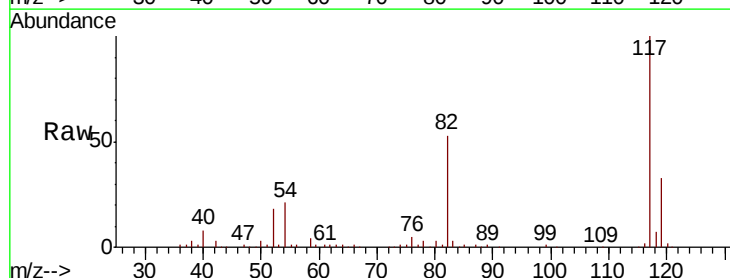


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

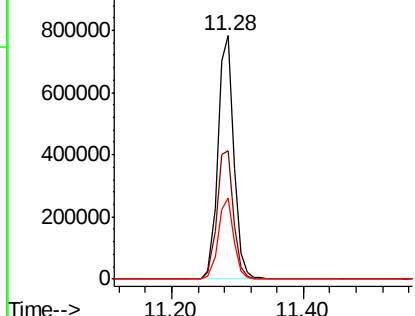
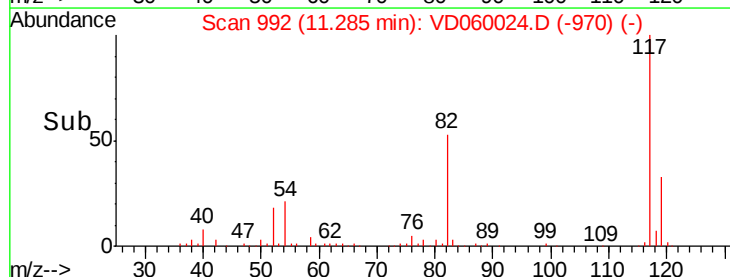


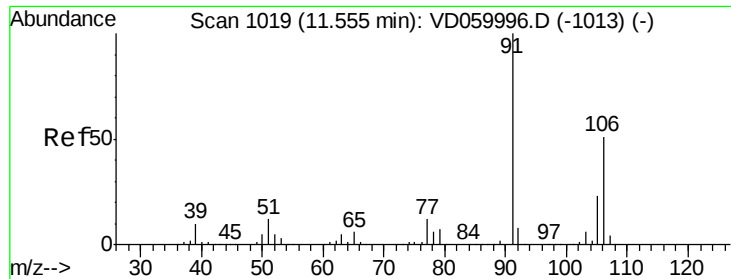
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion: 117 Resp: 1311357
Ion Ratio Lower Upper
117 100
82 52.5 41.7 62.5
119 33.4 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

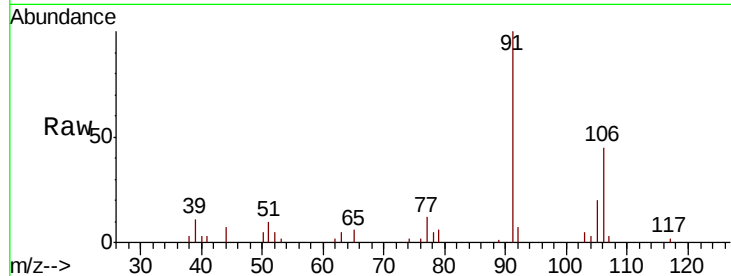




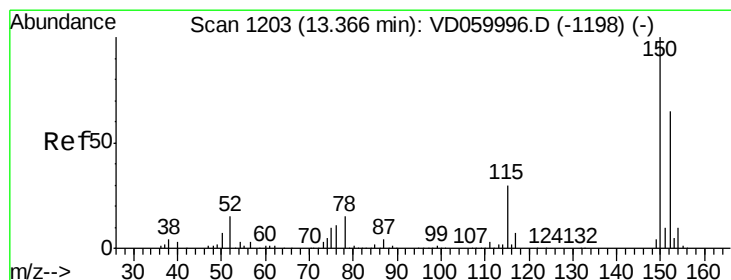
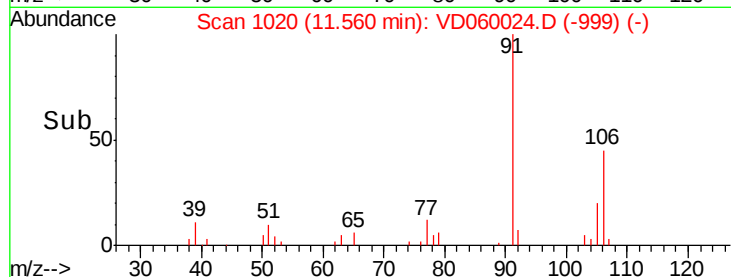
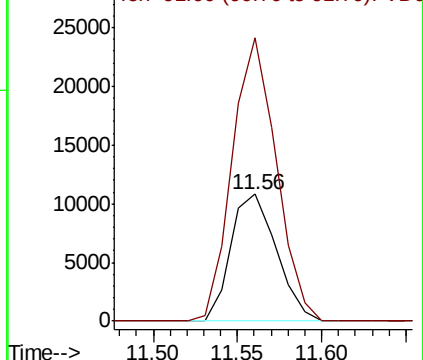
#68
m/p-Xvlenes
Concen: 1.21 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-CRE

Tot Ion:106 Resp: 20263
Ion Ratio Lower Upper
106 100
91 222.7 157.0 235.6

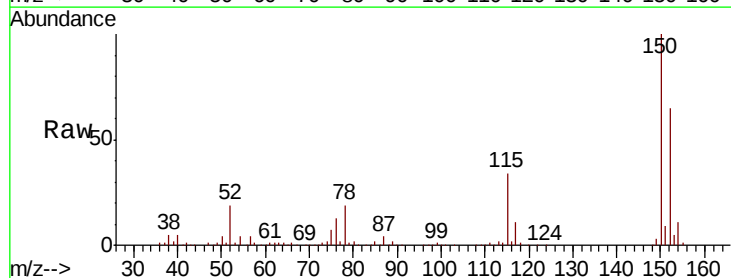


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

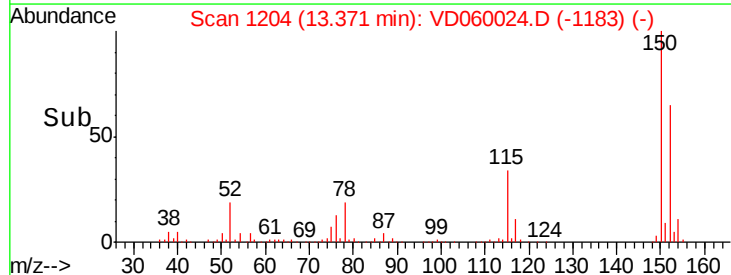
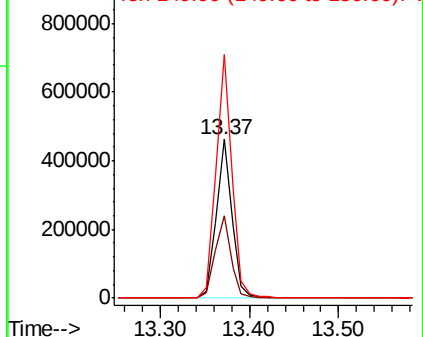


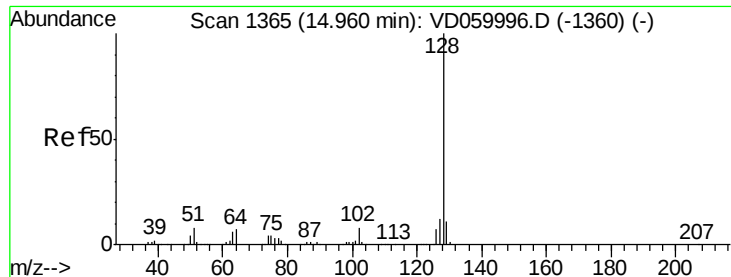
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion:152 Resp: 567083
Ion Ratio Lower Upper
152 100
115 51.6 24.6 73.8
150 153.5 0.0 313.4



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

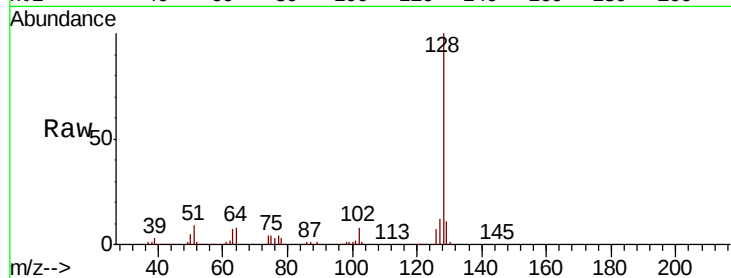




#95
 Naphthalene
 Concen: 21.89 ug/l
 RT: 14.97 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VD060024.D
 Acq: 17 Sep 2018 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-CRE

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.7	14.5
129	10.8	8.9	13.3



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

