

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082718\
 Data File : VD059914.D
 Acq On : 27 Aug 2018 14:40
 Operator : JC/SY
 Sample : J4646-15RE
 Misc : 5.33g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-Q4-FD01RE

Quant Time: Aug 27 16:17:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

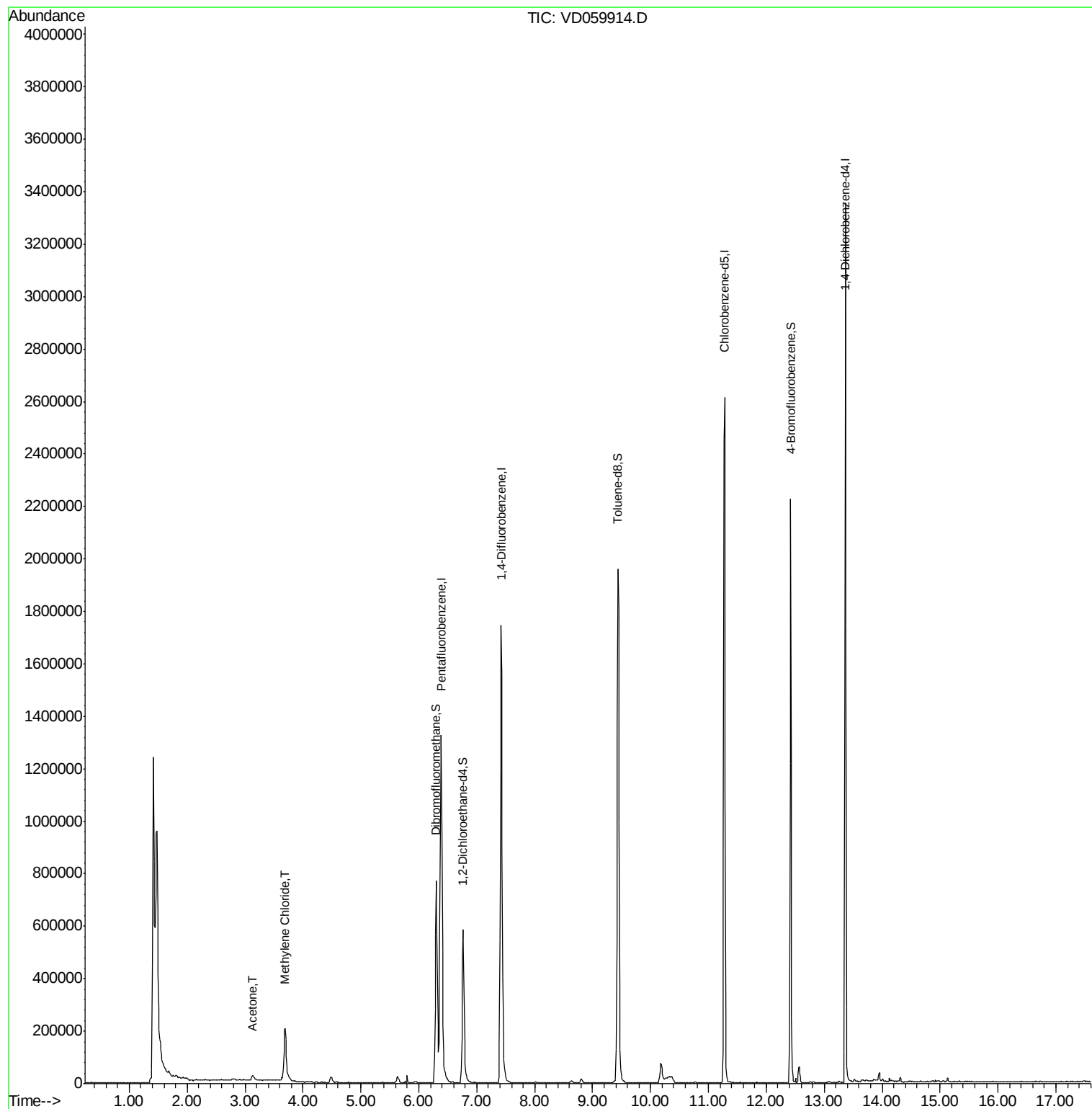
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1270247	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	1753367	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1457656	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	712988	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	480946	44.92	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.84%	
35) Dibromofluoromethane	6.30	113	584991	42.56	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	85.12%	
50) Toluene-d8	9.44	98	1577347	41.35	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.70%	
62) 4-Bromofluorobenzene	12.42	95	618603	39.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.84%	
Target Compounds						
16) Acetone	3.13	43	43483	22.29	ug/l	# 90
20) Methylene Chloride	3.69	84	120970	6.02	ug/l	97

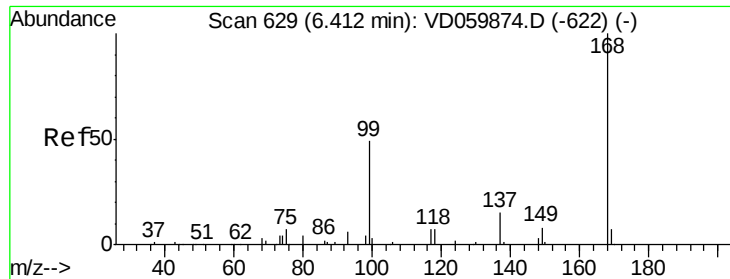
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD059914.D

Acq: 27 Aug 2018 14:40

Instrument :

MSVOA_D

ClientSampleId :

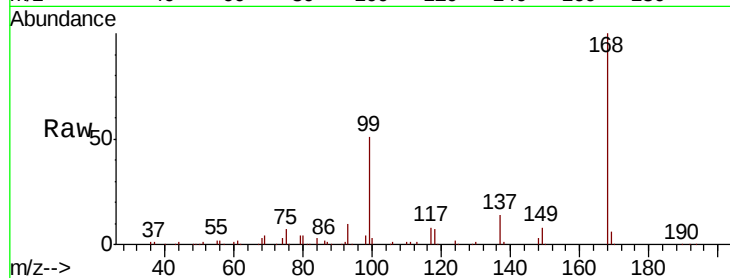
EP1-Q4-FD01RE

Tot Ion:168 Resp: 1270247

Ion Ratio Lower Upper

168 100

99 51.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

500000

400000

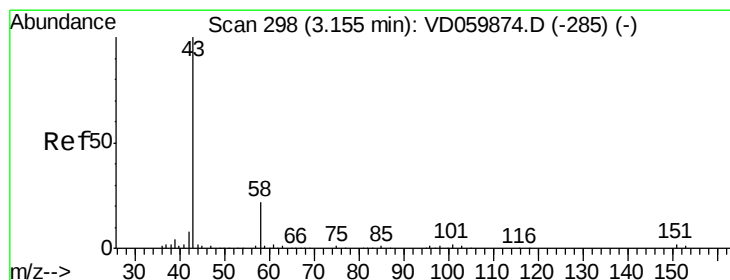
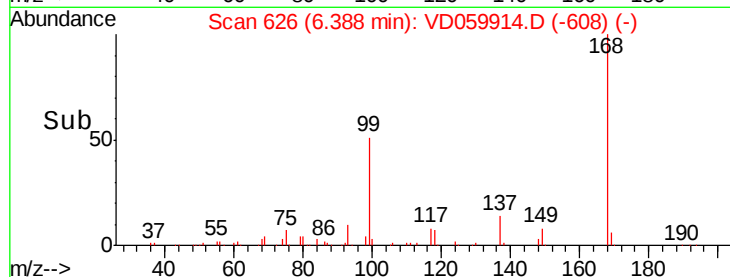
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 22.29 ug/l

RT: 3.13 min Scan# 295

Delta R.T. -0.02 min

Lab File: VD059914.D

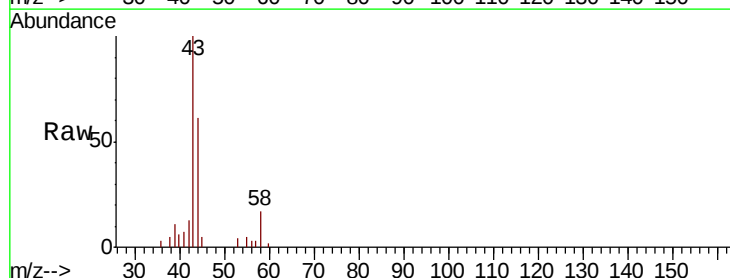
Acq: 27 Aug 2018 14:40

Tgt Ion: 43 Resp: 43483

Ion Ratio Lower Upper

43 100

58 17.3 17.6 26.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

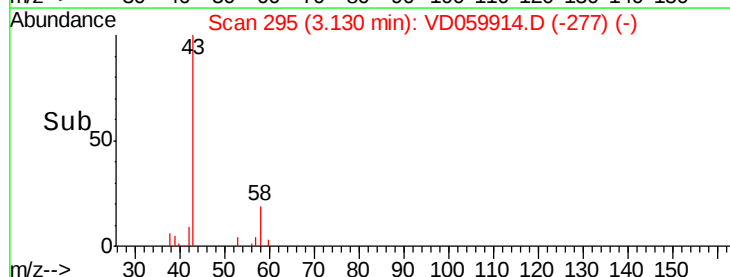
15000

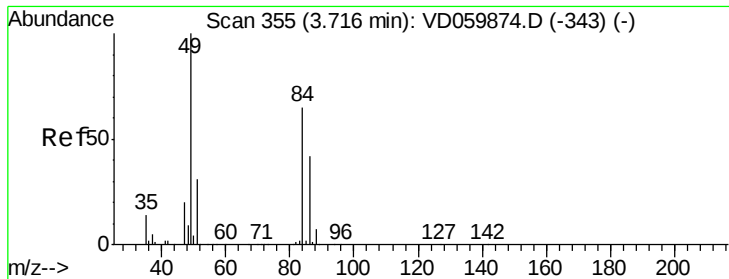
10000

5000

0

Time--> 3.00 3.10 3.20





#20

Methylene Chloride

Concen: 6.02 ug/l

RT: 3.69 min Scan# 352

Delta R.T. -0.02 min

Lab File: VD059914.D

Acq: 27 Aug 2018 14:40

Instrument :
MSVOA_D
ClientSampleId :
EP1-Q4-FD01RE

Tot Ion: 84 Resp: 120970

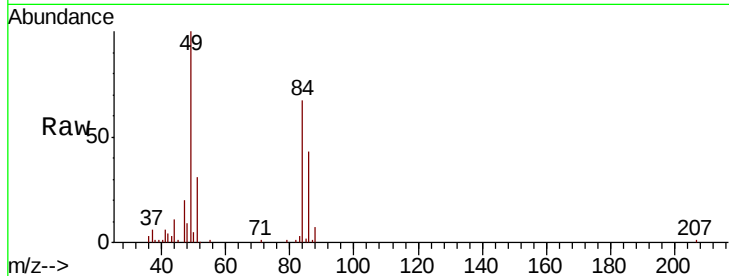
Ion Ratio Lower Upper

84 100

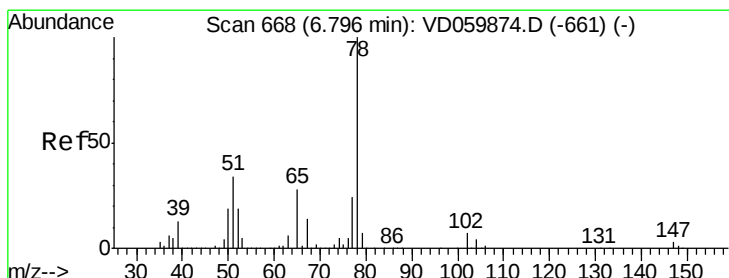
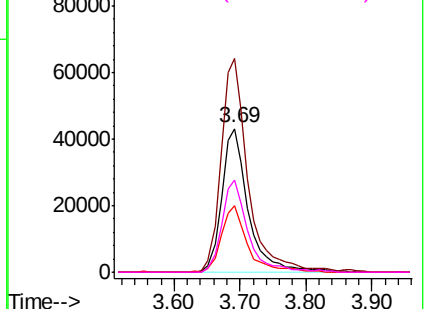
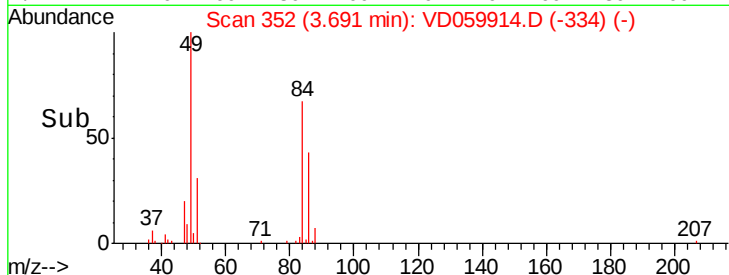
49 148.5 122.6 183.8

51 46.0 38.4 57.6

86 63.7 51.5 77.3



Abundance Ion 83.95 (83.65 to 84.65): VDC
100000 Ion 48.90 (48.60 to 49.60): VDC
80000 Ion 50.90 (50.60 to 51.60): VDC
60000 Ion 85.90 (85.60 to 86.60): VDC
40000
20000
0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 664

Delta R.T. -0.03 min

Lab File: VD059914.D

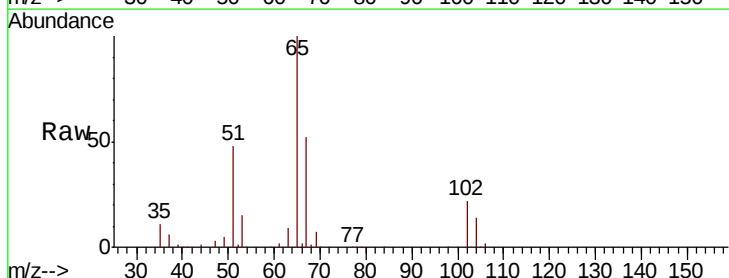
Acq: 27 Aug 2018 14:40

Tgt Ion: 65 Resp: 480946

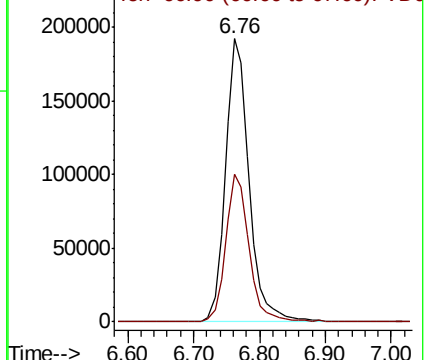
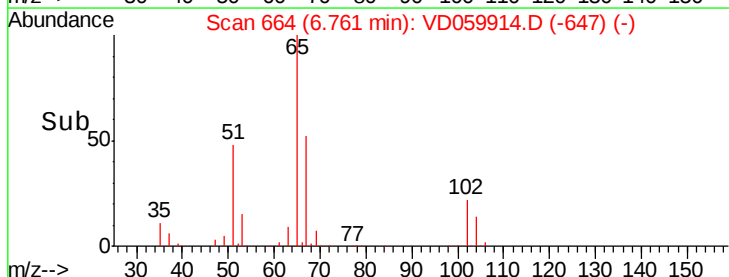
Ion Ratio Lower Upper

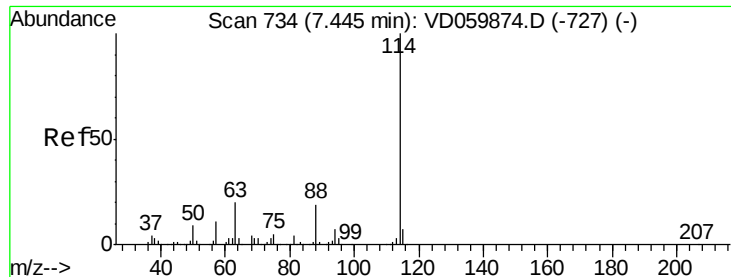
65 100

67 52.1 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
200000 Ion 66.90 (66.60 to 67.60): VDC
150000
100000
50000
0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.02 min

Lab File: VD059914.D

Acq: 27 Aug 2018 14:40

Instrument :

MSVOA_D

ClientSampleId :

EP1-Q4-FD01RE

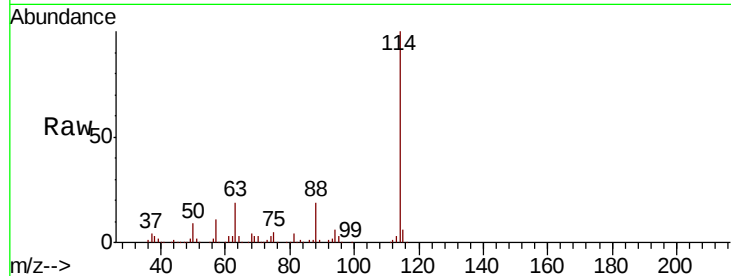
Tot Ion:114 Resp: 1753367

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

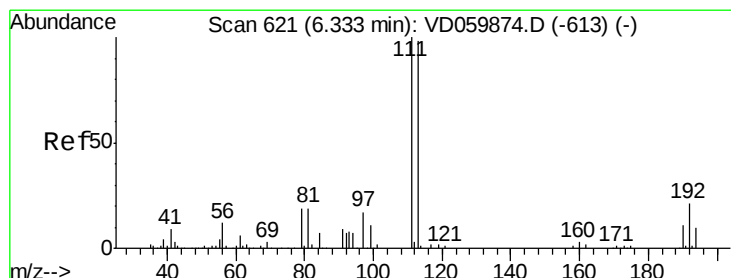
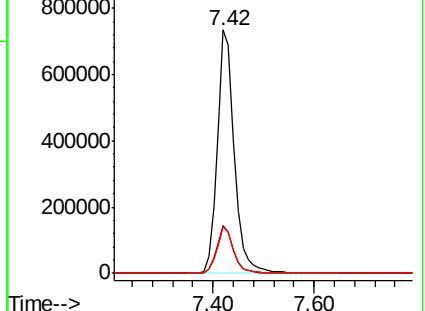
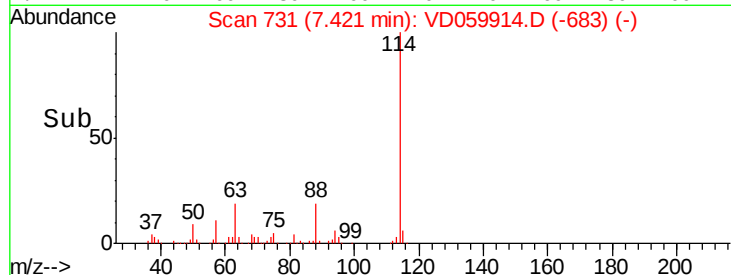
88 19.2 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.03 min

Lab File: VD059914.D

Acq: 27 Aug 2018 14:40

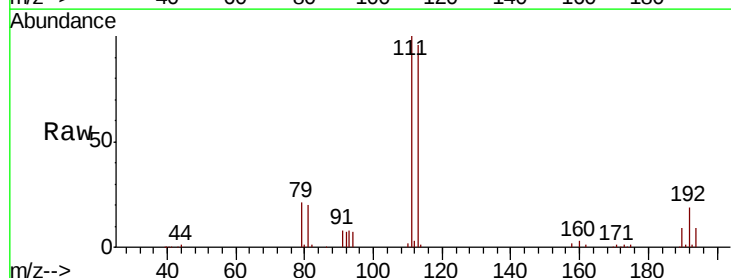
Tgt Ion:113 Resp: 584991

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.2

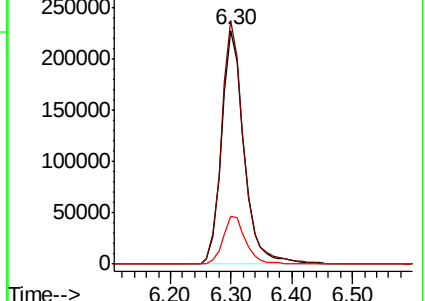
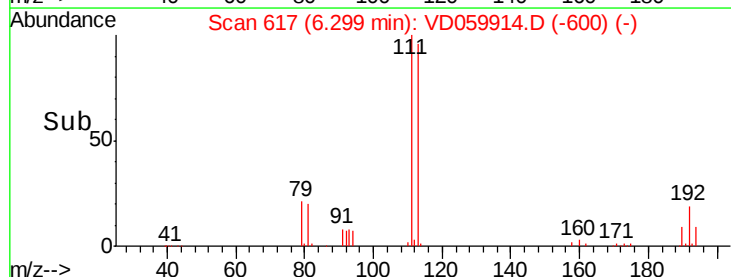
192 20.2 17.0 25.6

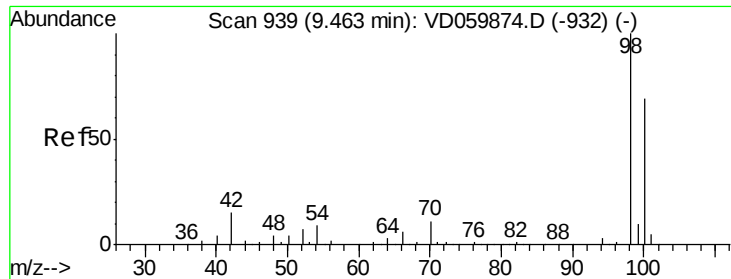


Abundance Ion 112.90 (112.60 to 113.60): V

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: 9.44 min Scan# 936

Delta R.T. -0.02 min

Lab File: VD059914.D

Acq: 27 Aug 2018 14:40

Instrument :

MSVOA_D

ClientSampleId :

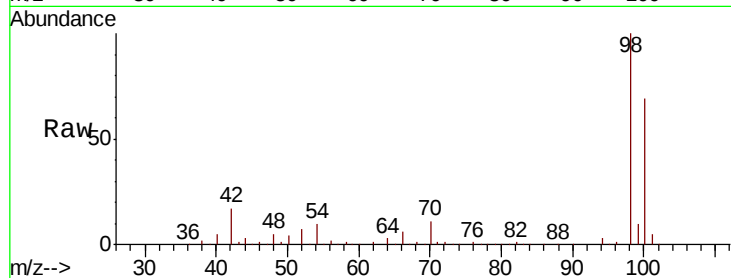
EP1-Q4-FD01RE

Tot Ion: 98 Resp: 1577347

Ion Ratio Lower Upper

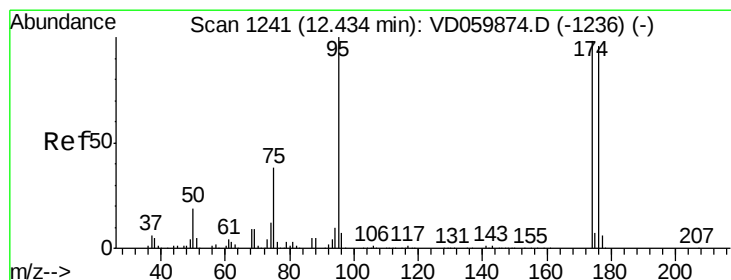
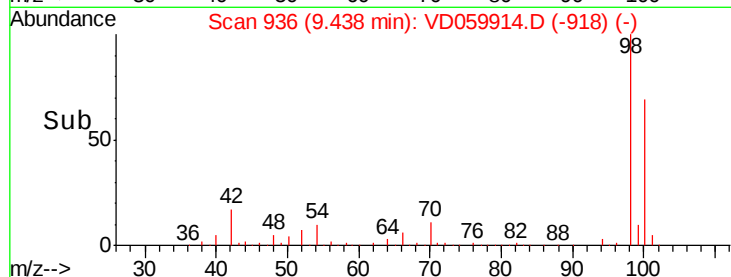
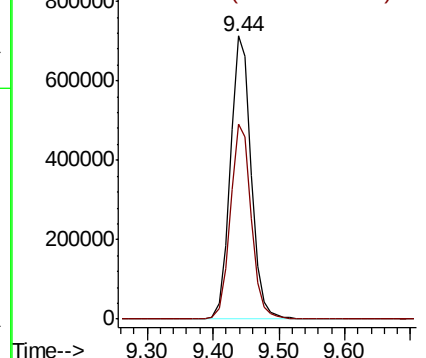
98 100

100 69.1 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VD059914.D

Acq: 27 Aug 2018 14:40

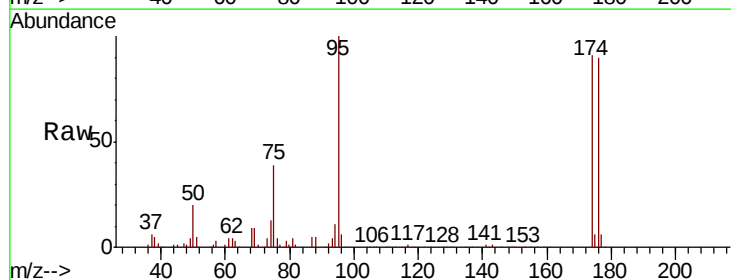
Tgt Ion: 95 Resp: 618603

Ion Ratio Lower Upper

95 100

174 90.7 0.0 195.6

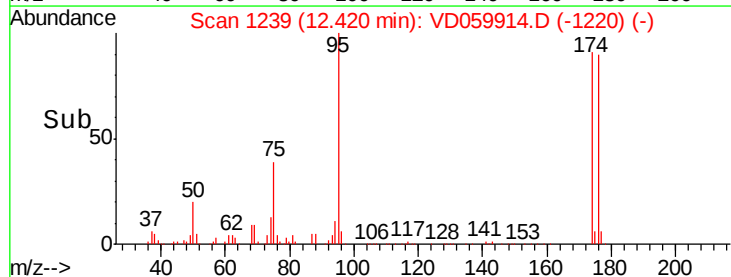
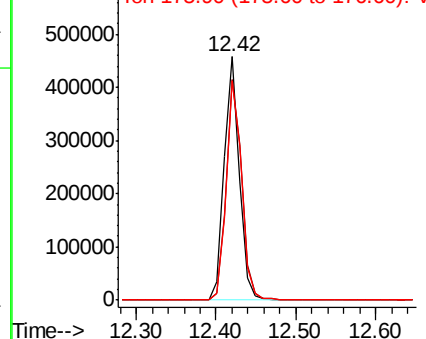
176 90.2 0.0 191.2

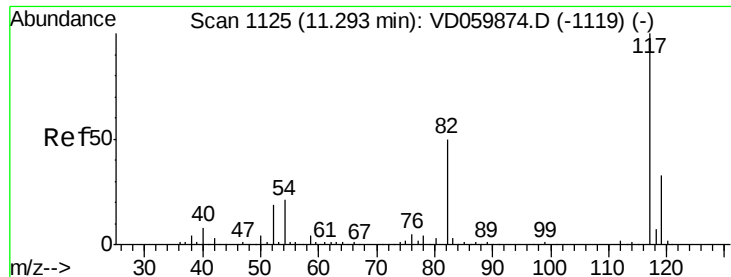


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

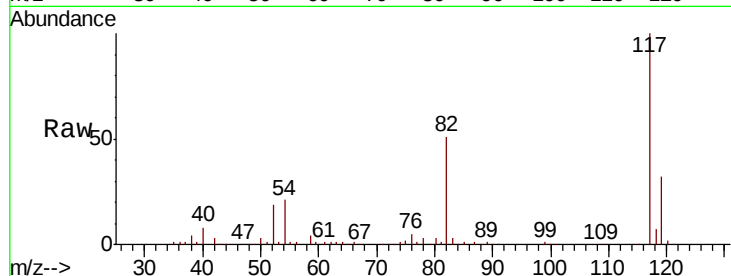




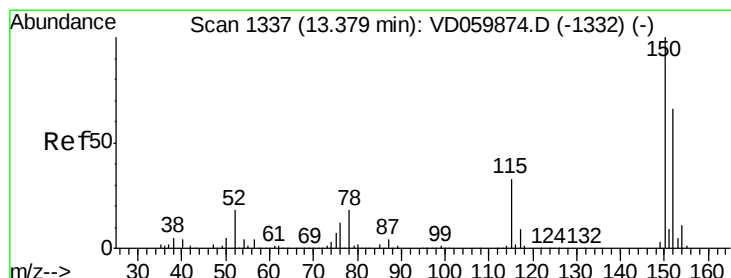
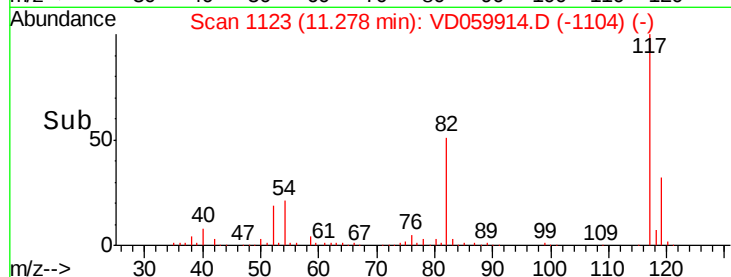
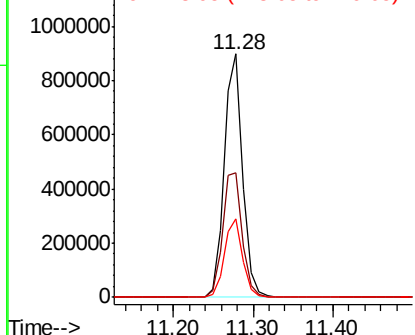
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Instrument :
MSVOA_D
ClientSampleId :
EP1-Q4-FD01RE

Tot Ion:117 Resp: 1457656
Ion Ratio Lower Upper
117 100
82 51.0 40.1 60.1
119 32.4 26.7 40.1

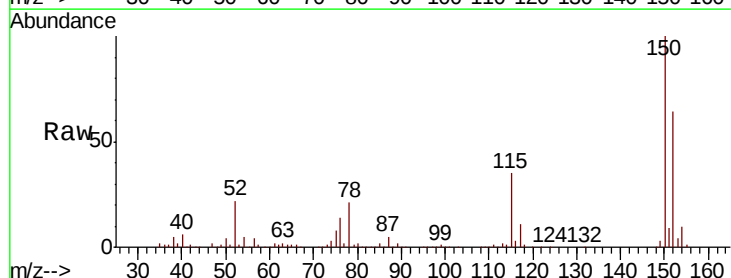


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059914.D
Acq: 27 Aug 2018 14:40

Tgt Ion:152 Resp: 712988
Ion Ratio Lower Upper
152 100
115 54.9 25.7 77.0
150 156.1 0.0 310.2



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

