

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083018\
 Data File : VD059925.D
 Acq On : 30 Aug 2018 14:01
 Operator : JC/SY
 Sample : J4702-02
 Misc : 9.72g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-PS-01-039

Quant Time: Aug 30 18:19:24 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

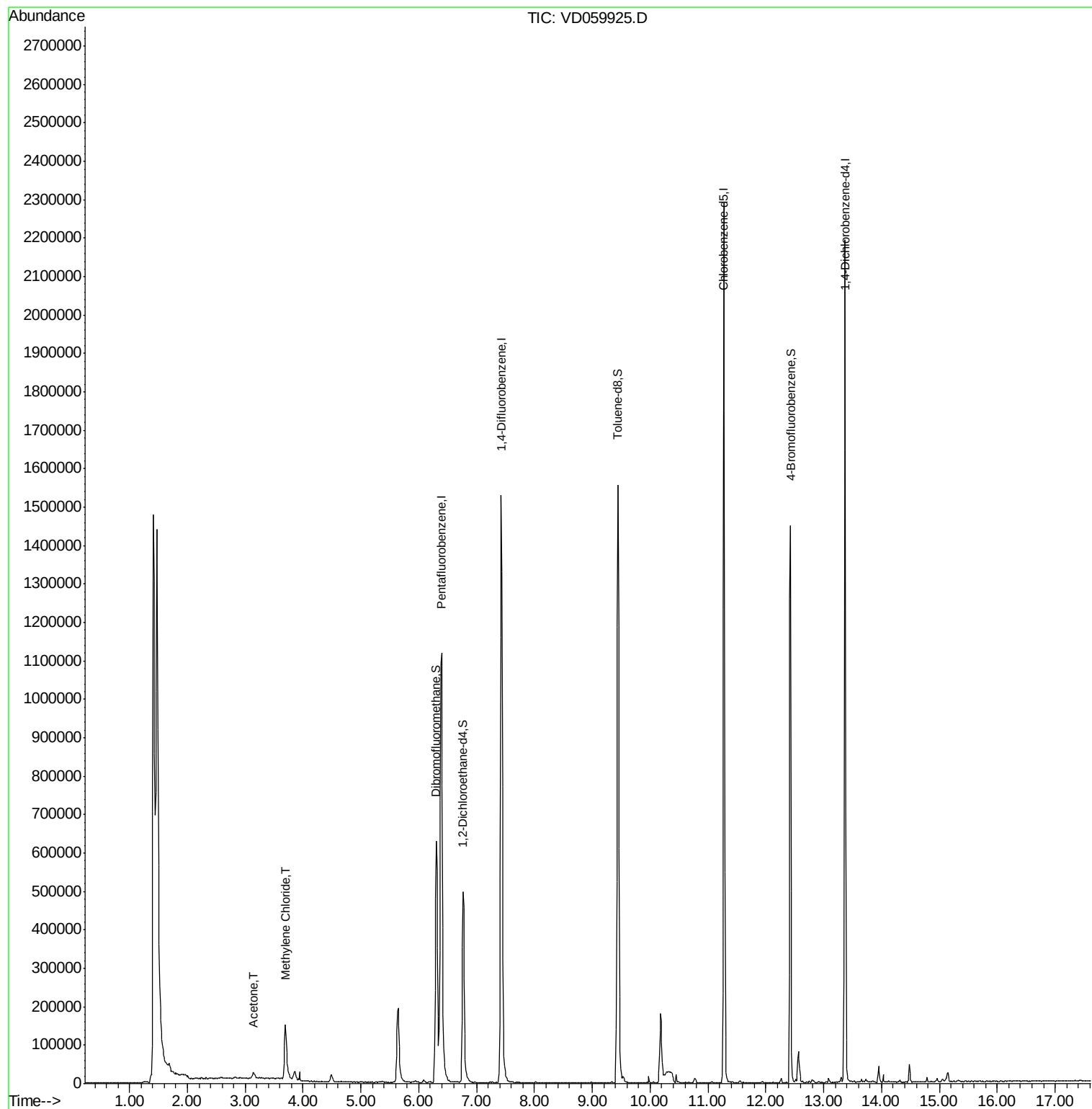
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1089738	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1572314	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1213255	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	499806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	397357	43.26	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	86.52%	
35) Dibromofluoromethane	6.30	113	484446	39.30	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	78.60%	
50) Toluene-d8	9.44	98	1205955	35.25	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	70.50%	
62) 4-Bromofluorobenzene	12.42	95	440206	31.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.36%	
Target Compounds						
16) Acetone	3.14	43	33080	19.77	ug/l	92
20) Methylene Chloride	3.70	84	86627	4.36	ug/l	96

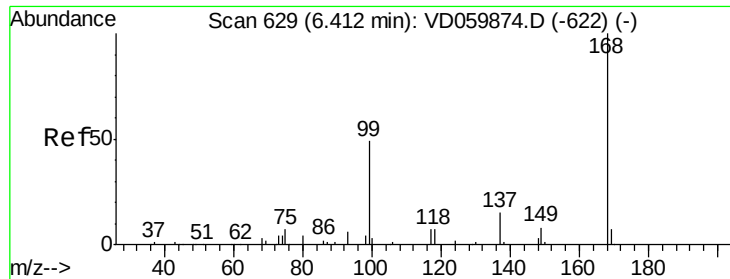
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 627

Delta R.T. -0.02 min

Lab File: VD059925.D

Acq: 30 Aug 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

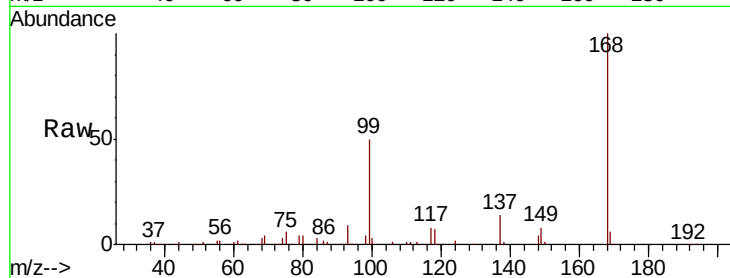
FS-PS-01-039

Tot Ion:168 Resp: 1089738

Ion Ratio Lower Upper

168 100

99 49.8 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

400000

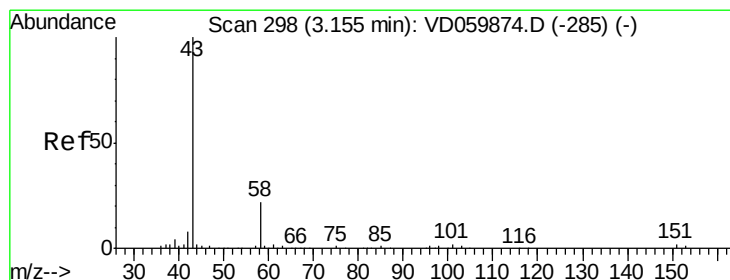
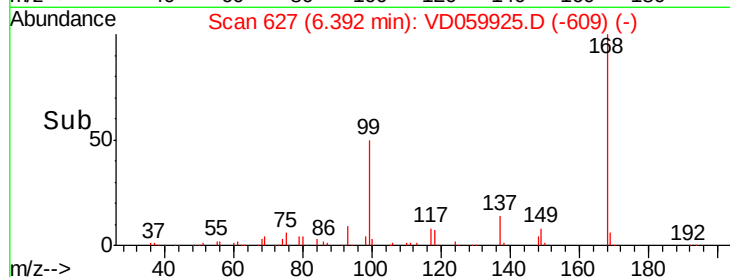
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 19.77 ug/l

RT: 3.14 min Scan# 297

Delta R.T. -0.01 min

Lab File: VD059925.D

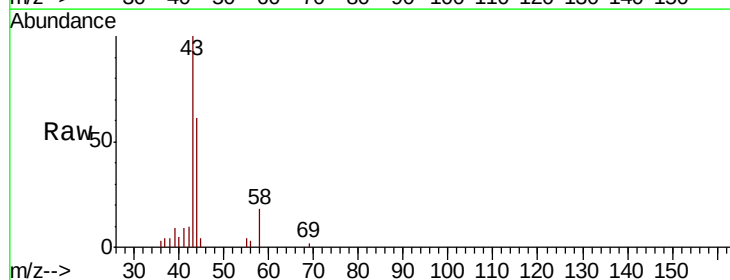
Acq: 30 Aug 2018 14:01

Tgt Ion: 43 Resp: 33080

Ion Ratio Lower Upper

43 100

58 18.2 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.14

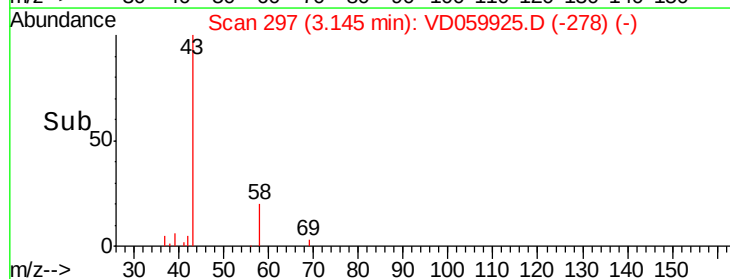
15000

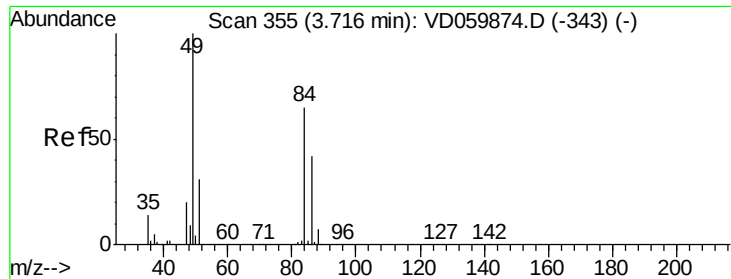
10000

5000

0

Time-->

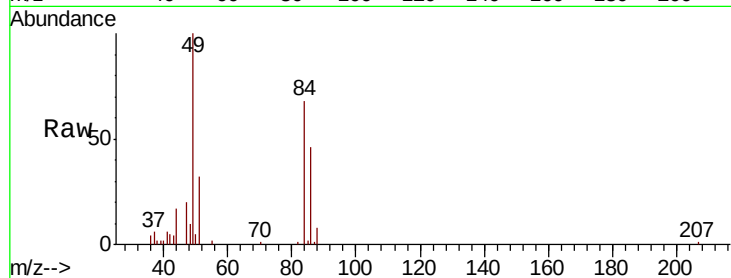




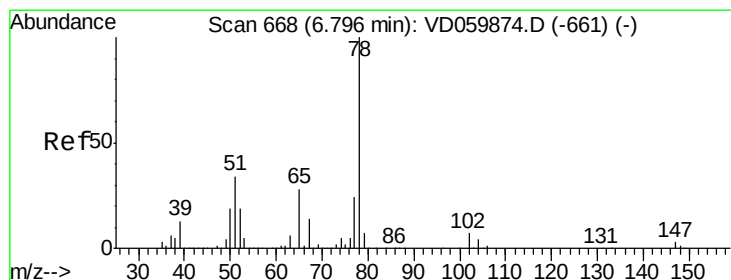
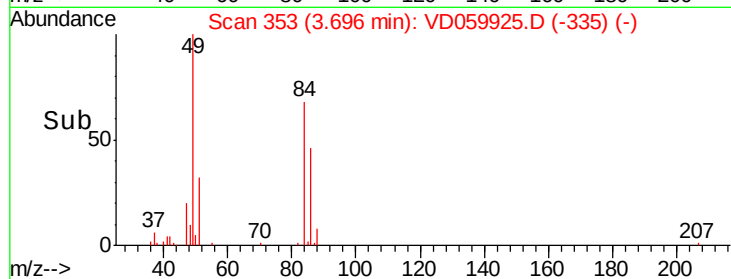
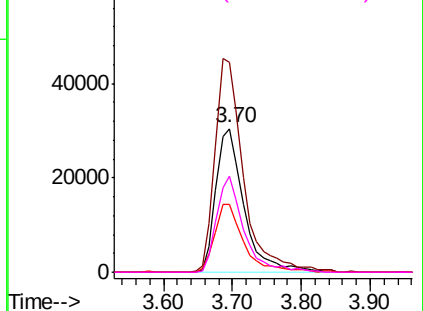
#20
Methylene Chloride
Concen: 4.36 ug/l
RT: 3.70 min Scan# 353
Delta R.T. -0.02 min
Lab File: VD059925.D
Acq: 30 Aug 2018 14:01

Instrument :
MSVOA_D
ClientSampleId :
FS-PS-01-039

Tot Ion	Ratio	Lower	Upper
84	100		
49	146.4	122.6	183.8
51	46.9	38.4	57.6
86	66.8	51.5	77.3

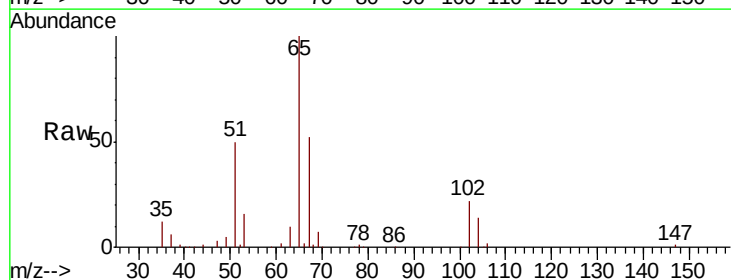


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

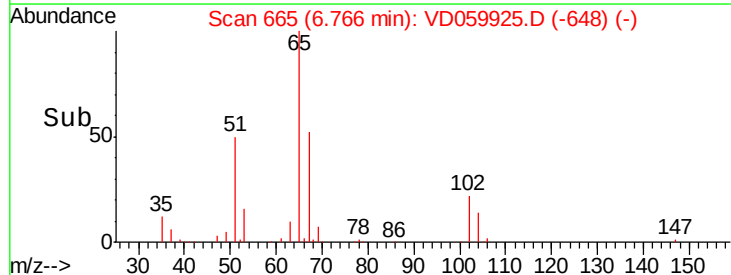
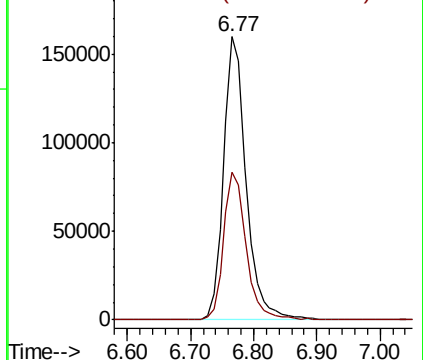


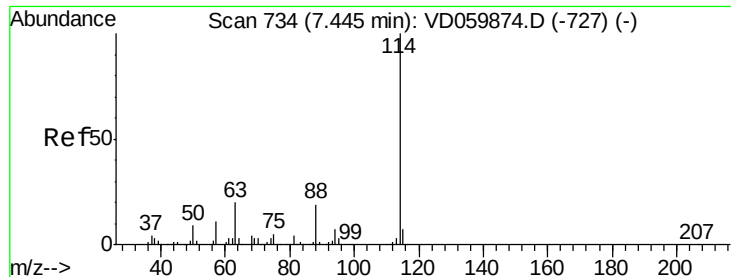
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 665
Delta R.T. -0.03 min
Lab File: VD059925.D
Acq: 30 Aug 2018 14:01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.8



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: 7.43 min Scan# 732

Delta R.T. -0.02 min

Lab File: VD059925.D

Acq: 30 Aug 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

FS-PS-01-039

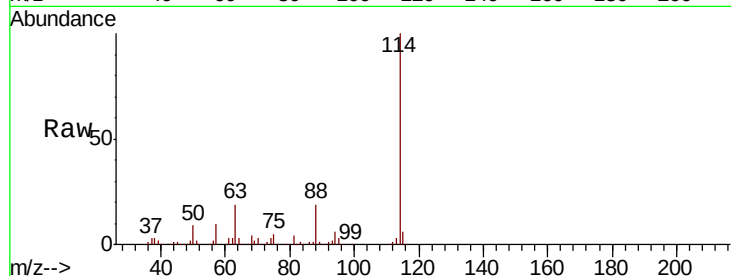
Tot Ion:114 Resp: 1572314

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

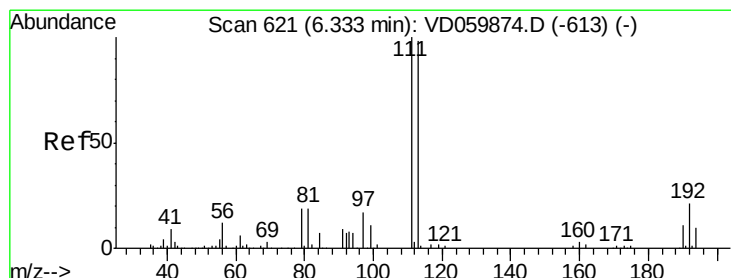
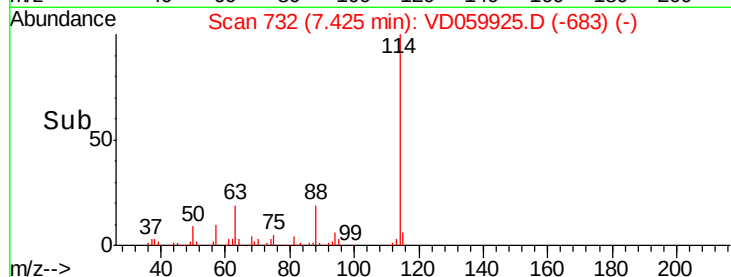
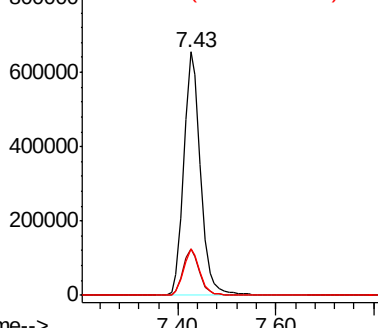
88 19.0 0.0 37.6



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# 618

Delta R.T. -0.03 min

Lab File: VD059925.D

Acq: 30 Aug 2018 14:01

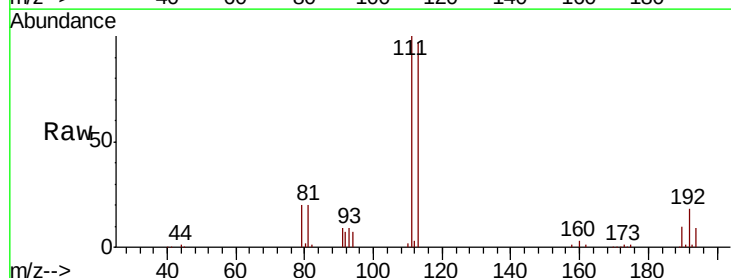
Tgt Ion:113 Resp: 484446

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.2

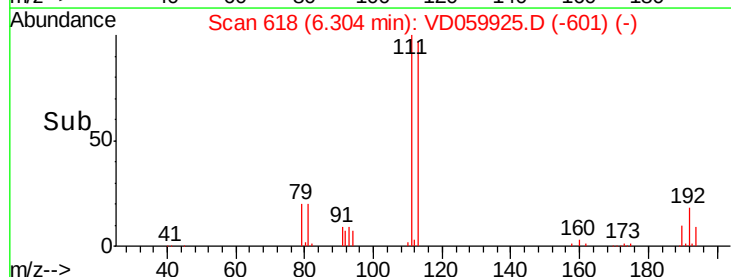
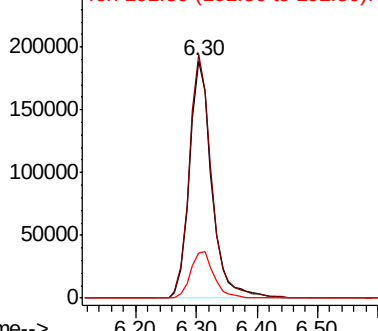
192 19.0 17.0 25.6

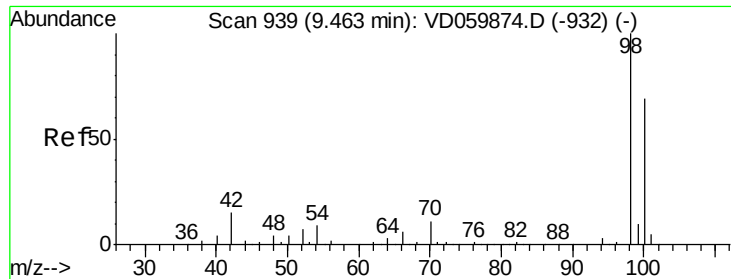


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

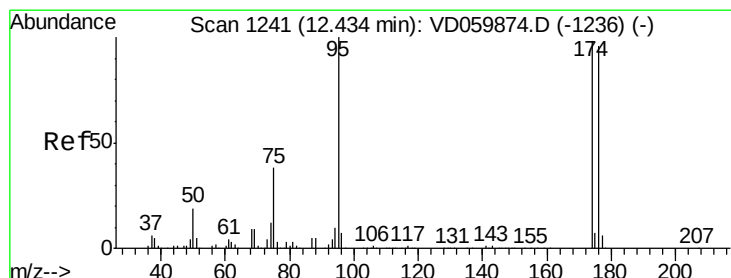
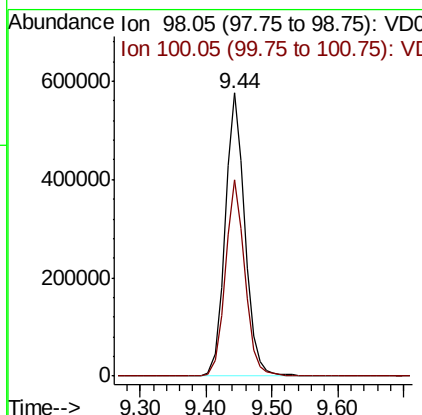
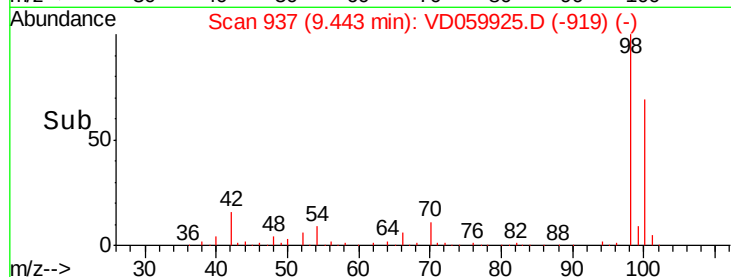
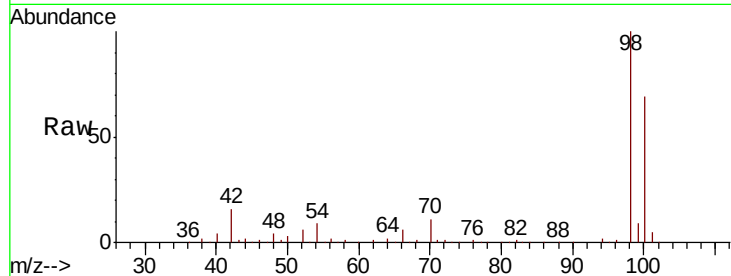




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 937
Delta R.T. -0.02 min
Lab File: VD059925.D
Acq: 30 Aug 2018 14:01

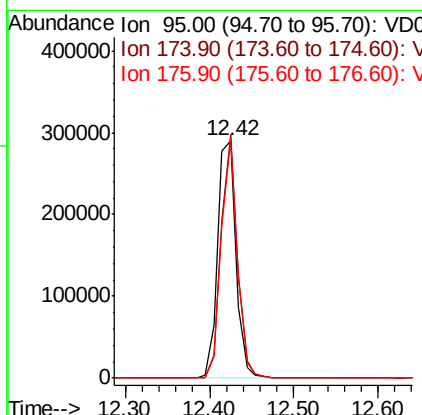
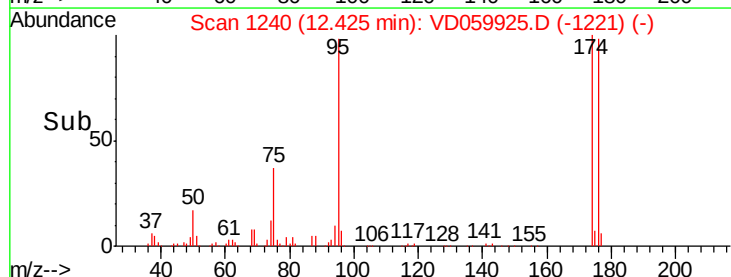
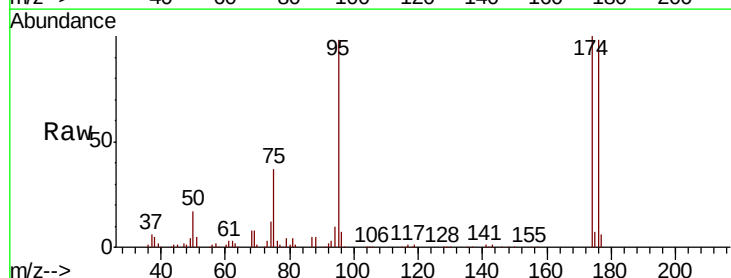
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FS-PS-01-039

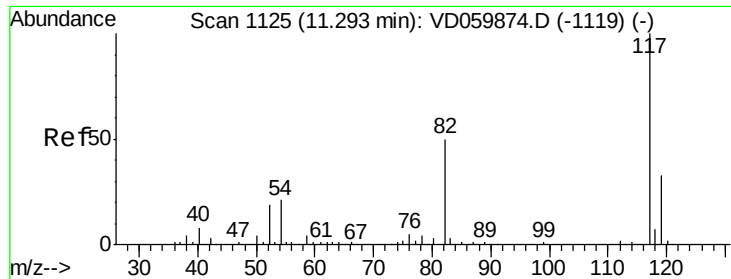
Tot Ion: 98 Resp: 1205955
Ion Ratio Lower Upper
98 100
100 69.4 55.8 83.6



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VD059925.D
Acq: 30 Aug 2018 14:01

Tgt Ion: 95 Resp: 440206
Ion Ratio Lower Upper
95 100
174 102.5 0.0 195.6
176 100.7 0.0 191.2

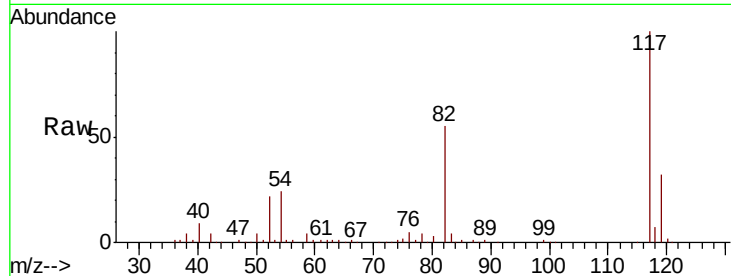




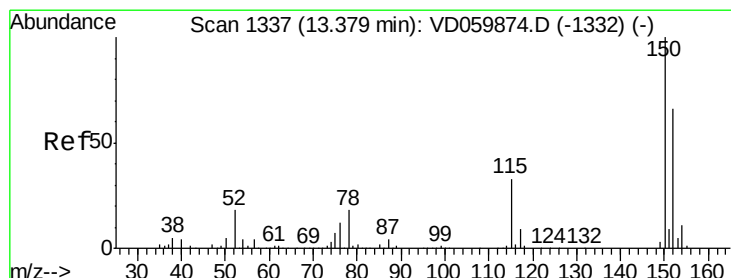
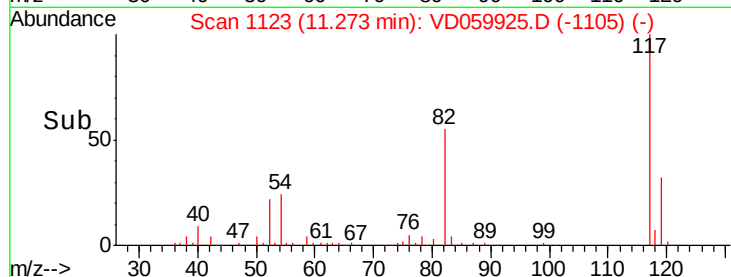
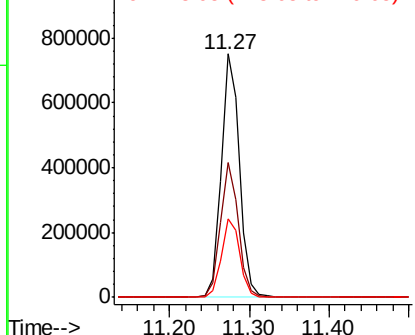
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VD059925.D
Acq: 30 Aug 2018 14:01

Instrument :
MSVOA_D
ClientSampleId :
FS-PS-01-039

Tot Ion:117 Resp: 1213255
Ion Ratio Lower Upper
117 100
82 55.4 40.1 60.1
119 32.1 26.7 40.1

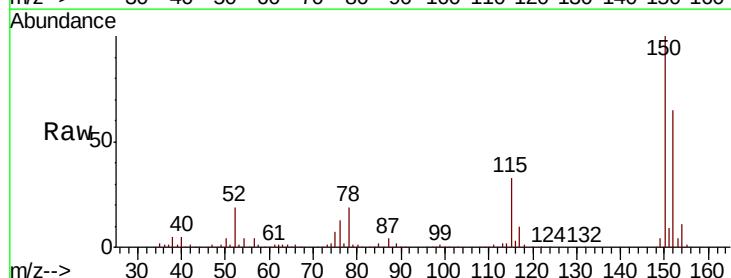


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VD059925.D
Acq: 30 Aug 2018 14:01

Tgt Ion:152 Resp: 499806
Ion Ratio Lower Upper
152 100
115 50.4 25.7 77.0
150 153.3 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

