

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005673.D
 Acq On : 29 Oct 2018 20:57
 Operator : JC/MD
 Sample : J5692-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ458S-20181025

Quant Time: Oct 30 11:12:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	288189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	414018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165888	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159032	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
35) Dibromofluoromethane	5.50	113	131388	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	8.71	98	466986	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	11.14	95	160182	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	

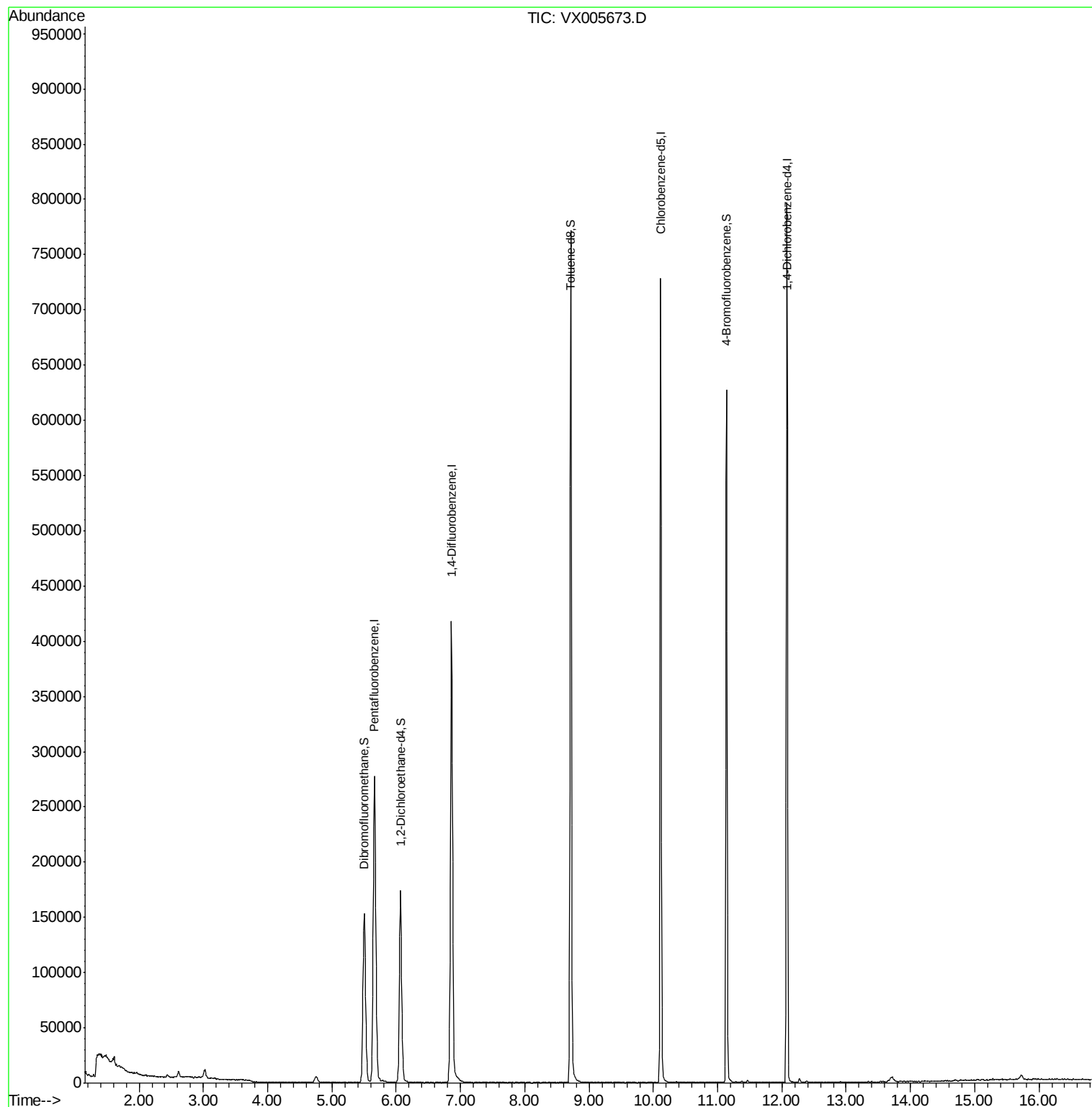
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005673.D

Acq: 29 Oct 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

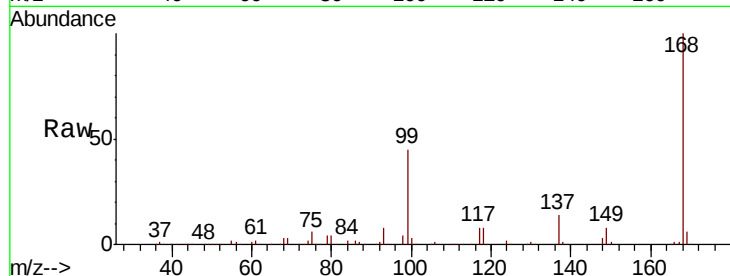
FT-PZ458S-20181025

Tot Ion:168 Resp: 288189

Ion Ratio Lower Upper

168 100

99 44.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005535.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005535.D (-727) (-)

5.66

120000

100000

80000

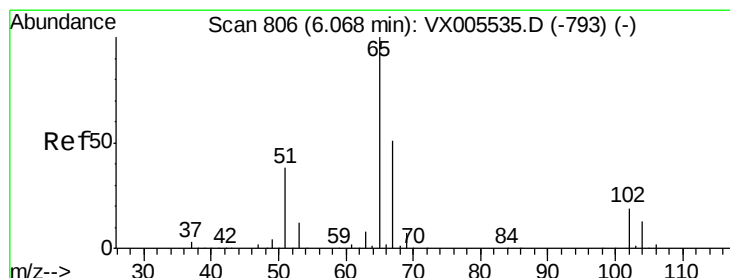
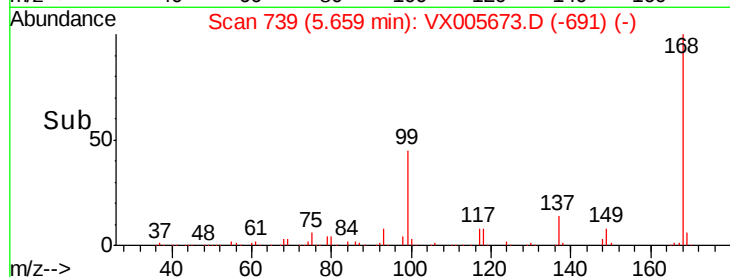
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.207 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005673.D

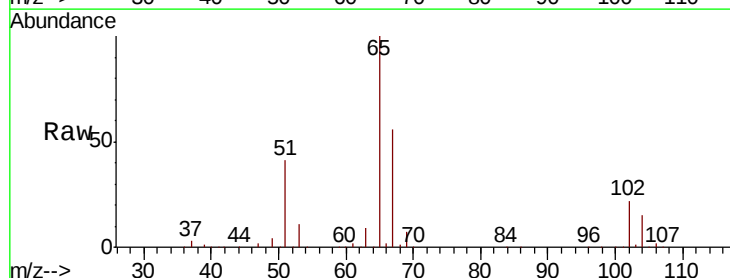
Acq: 29 Oct 2018 20:57

Tgt Ion: 65 Resp: 159032

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX005535.D (-793) (-)

Ion 66.90 (66.60 to 67.60): VX005535.D (-793) (-)

6.07

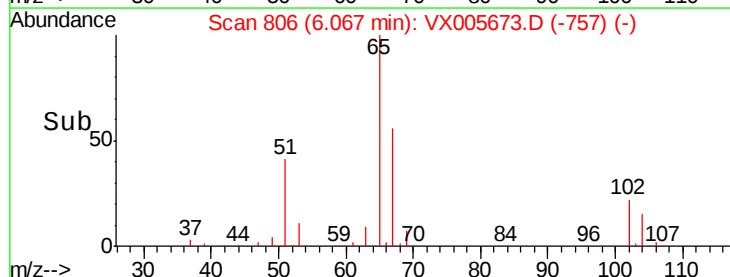
60000

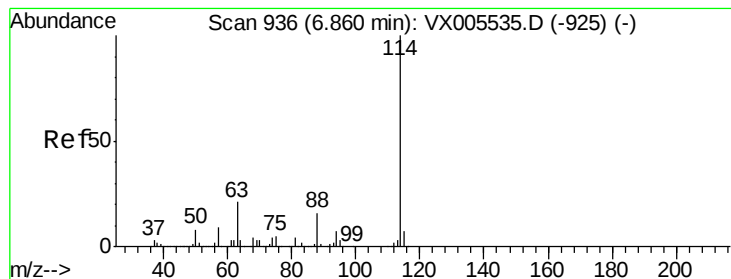
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005673.D

Acq: 29 Oct 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ458S-20181025

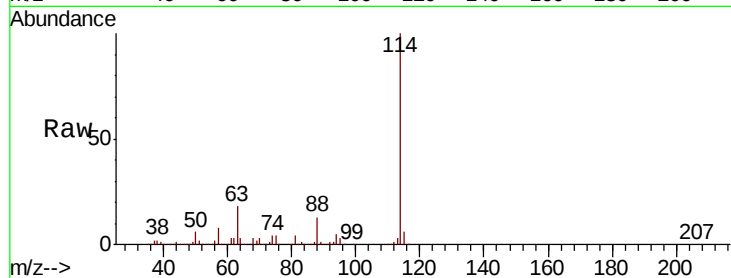
Tot Ion:114 Resp: 414018

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.8

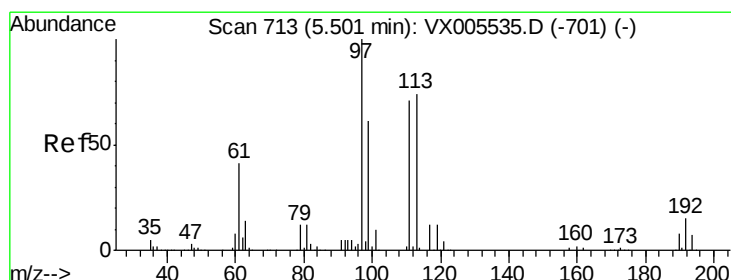
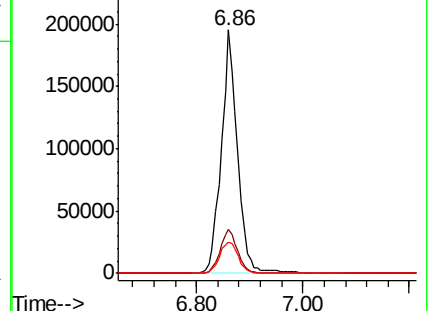
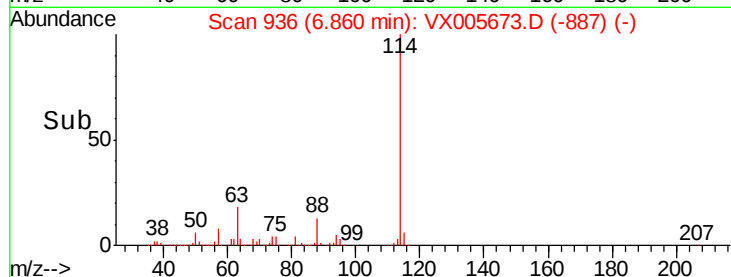
88 12.8 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.868 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005673.D

Acq: 29 Oct 2018 20:57

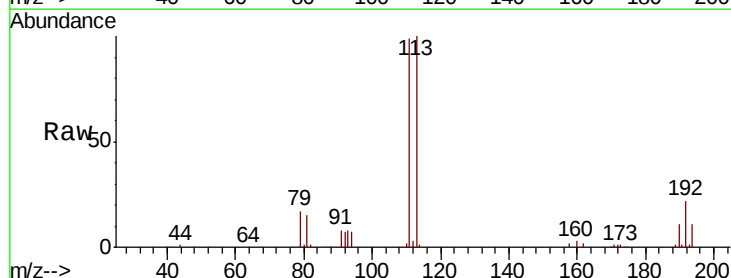
Tgt Ion:113 Resp: 131388

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

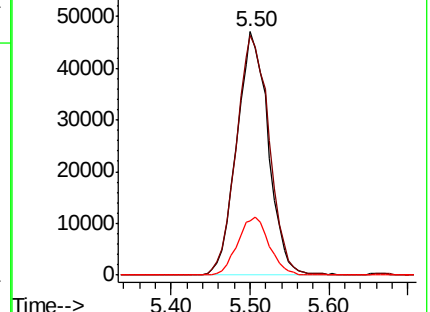
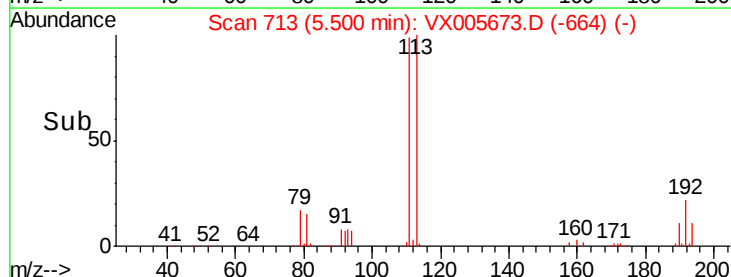
192 23.8 17.9 26.9

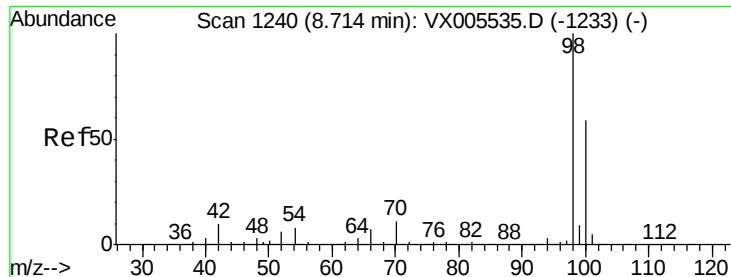


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

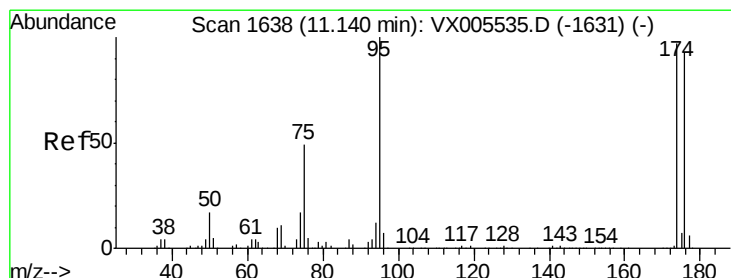
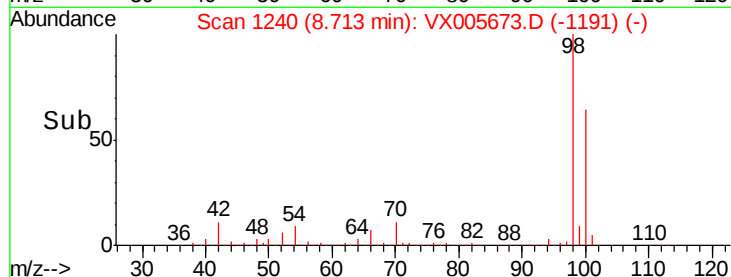
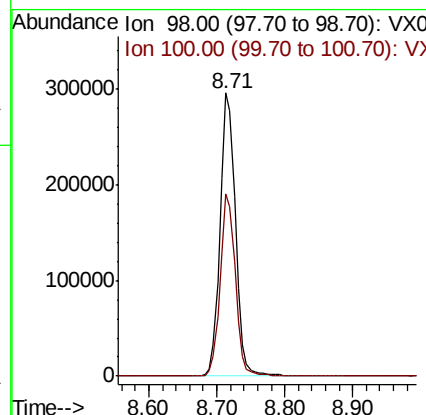
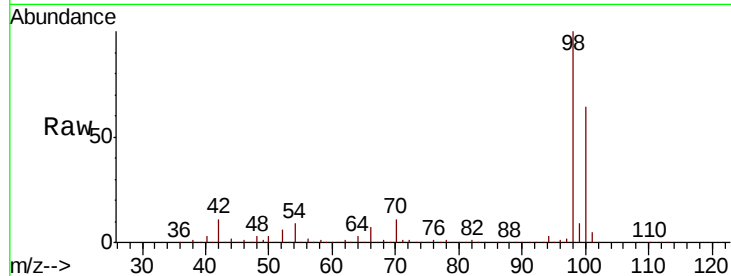




#50
Toluene-d8
Concen: 46.360 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005673.D
Acq: 29 Oct 2018 20:57

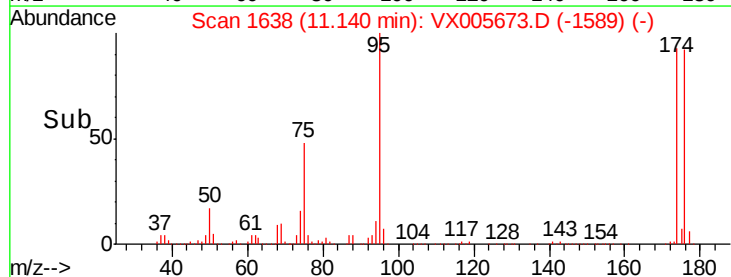
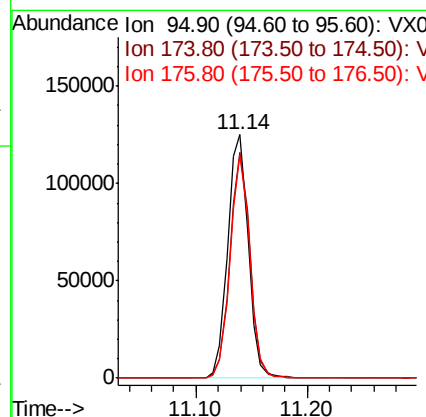
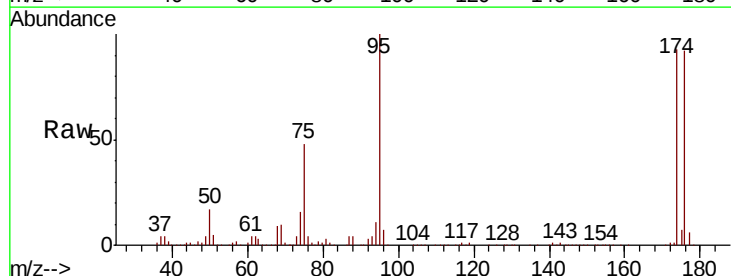
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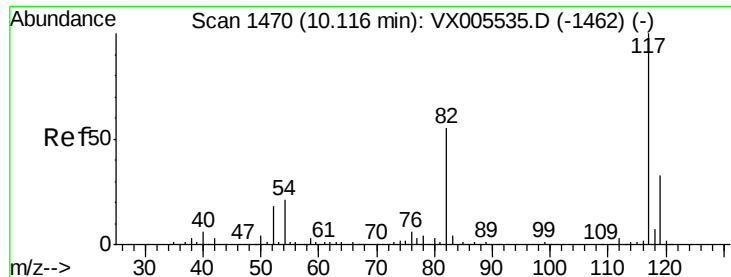
Tot Ion: 98 Resp: 466986
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 42.108 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005673.D
Acq: 29 Oct 2018 20:57

Tgt Ion: 95 Resp: 160182
Ion Ratio Lower Upper
95 100
174 90.3 0.0 184.4
176 87.8 0.0 177.4

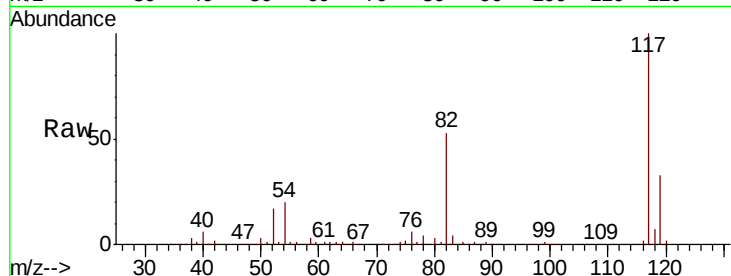




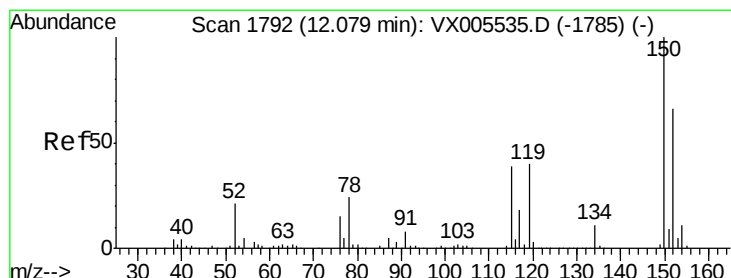
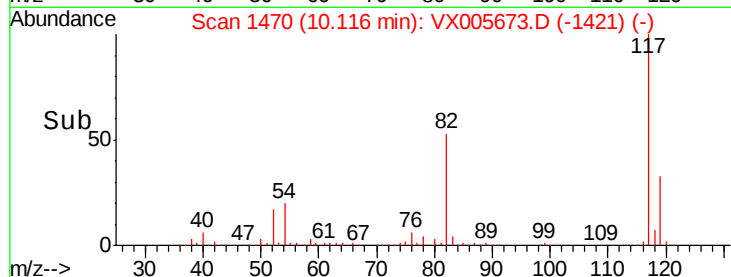
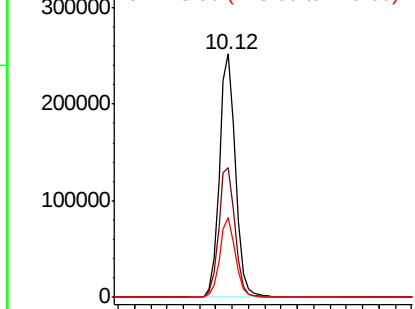
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005673.D
Acq: 29 Oct 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ458S-20181025

Tot Ion:117 Resp: 348440
Ion Ratio Lower Upper
117 100
82 53.0 44.1 66.1
119 32.5 26.2 39.2

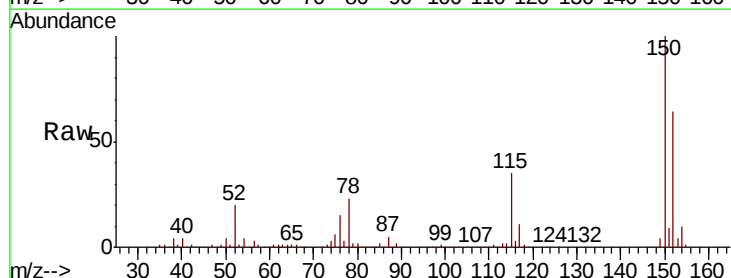


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005673.D
Acq: 29 Oct 2018 20:57

Tgt Ion:152 Resp: 165888
Ion Ratio Lower Upper
152 100
115 55.2 39.4 118.1
150 156.8 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

