

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005669.D
 Acq On : 29 Oct 2018 19:11
 Operator : JC/MD
 Sample : J5692-05DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ171I-20181024DL

Quant Time: Oct 30 04:00:06 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

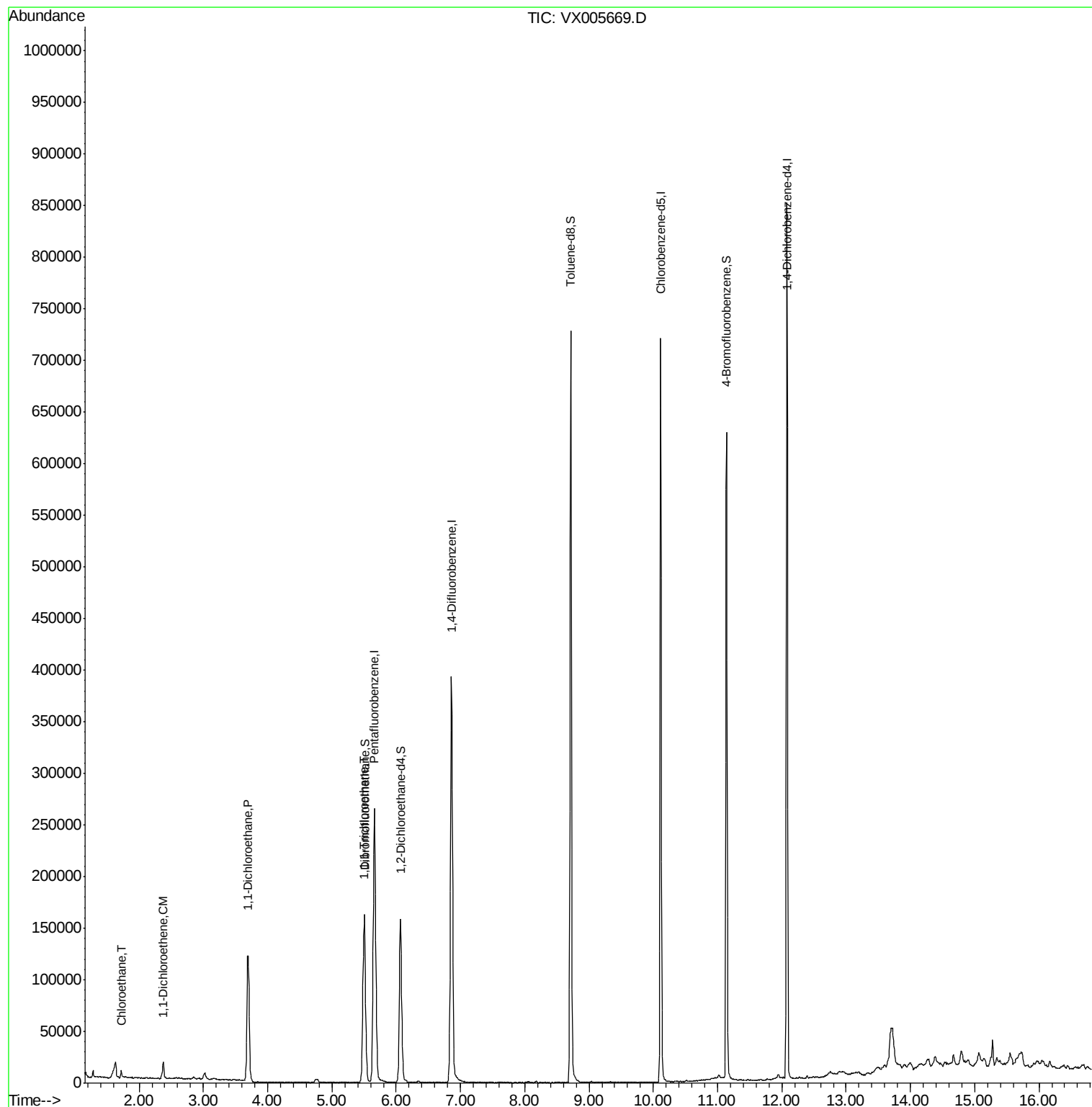
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	264535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153810	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
35) Dibromofluoromethane	5.51	113	121353	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
50) Toluene-d8	8.71	98	447488	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
62) 4-Bromofluorobenzene	11.14	95	163992	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds						
6) Chloroethane	1.72	64	5529	2.647	ug/l #	88
12) 1,1-Dichloroethene	2.37	96	5294	2.132	ug/l	87
24) 1,1-Dichloroethane	3.70	63	149401	28.394	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	14265	3.284	ug/l	99

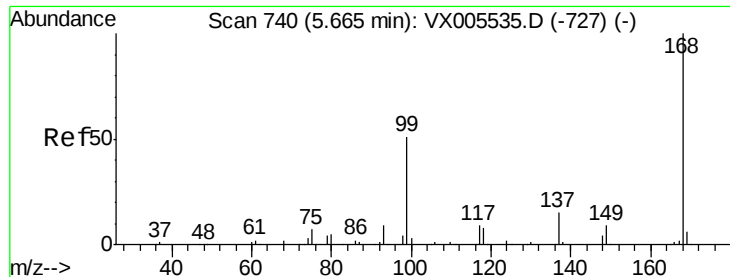
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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: VX005669.D

Acq: 29 Oct 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

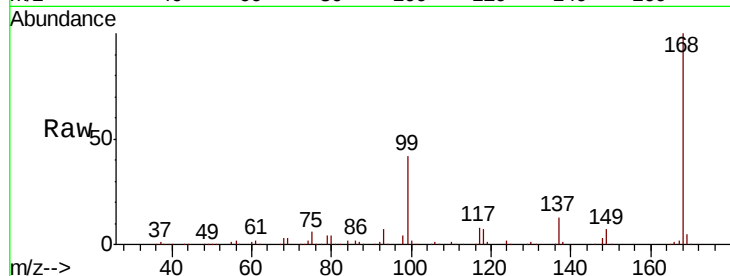
SA-PZ171I-20181024DL

Tot Ion:168 Resp: 264535

Ion Ratio Lower Upper

168 100

99 42.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

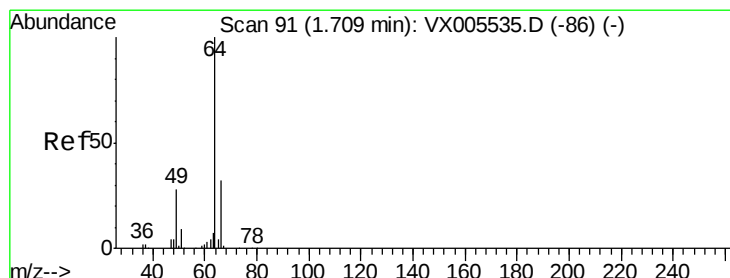
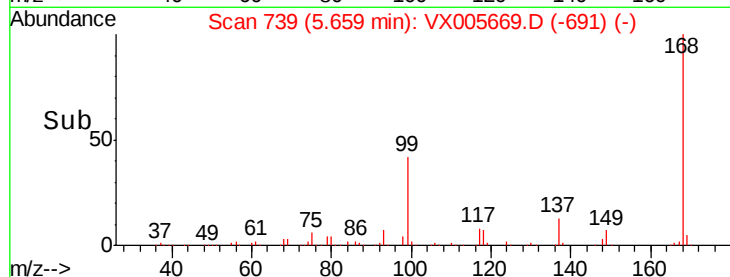
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 2.647 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005669.D

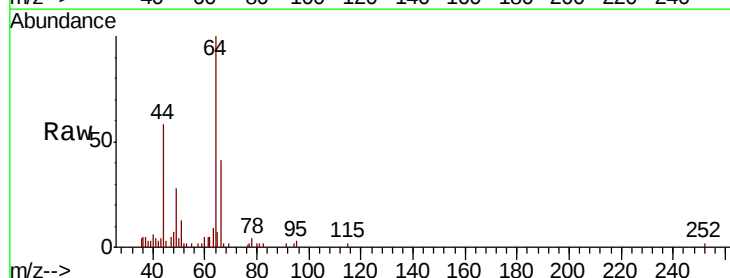
Acq: 29 Oct 2018 19:11

Tgt Ion: 64 Resp: 5529

Ion Ratio Lower Upper

64 100

66 39.1 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

4000

3000

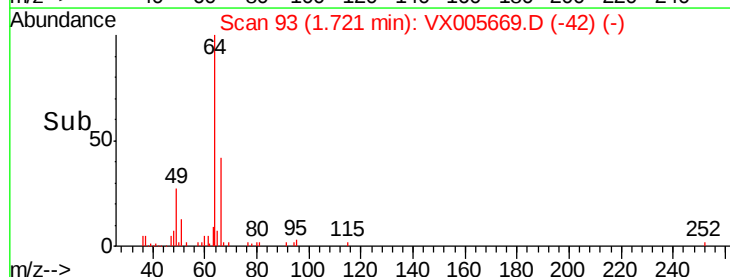
2000

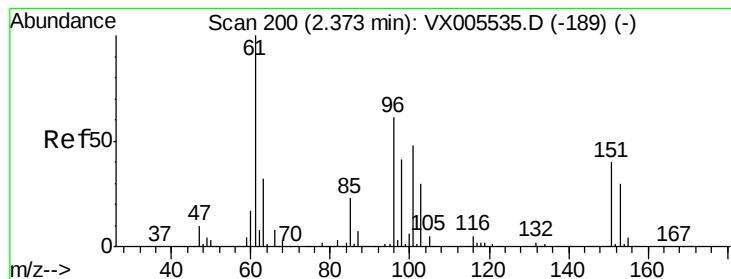
1000

0

Time-->

1.70 1.75





#12

1,1-Dichloroethene

Concen: 2.132 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX005669.D

Acq: 29 Oct 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ171I-20181024DL

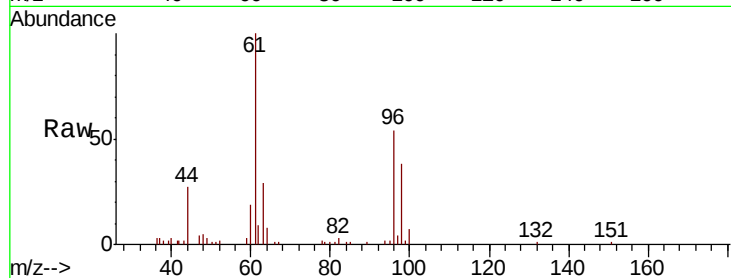
Tot Ion: 96 Resp: 5294

Ion Ratio Lower Upper

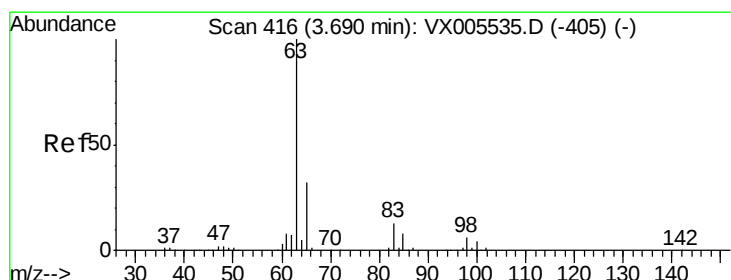
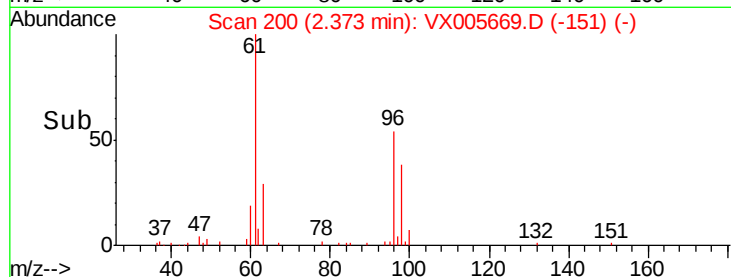
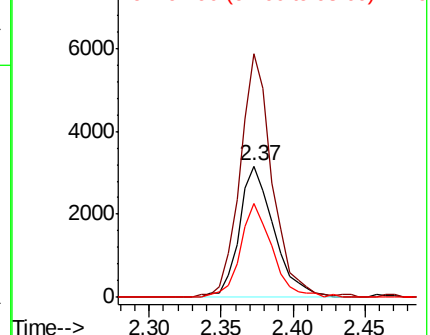
96 100

61 185.5 131.8 197.8

98 71.3 53.4 80.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#24

1,1-Dichloroethane

Concen: 28.394 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005669.D

Acq: 29 Oct 2018 19:11

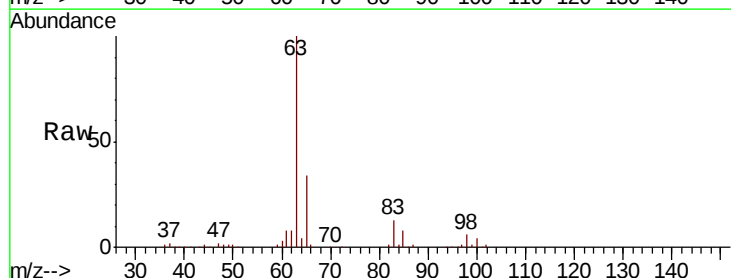
Tgt Ion: 63 Resp: 149401

Ion Ratio Lower Upper

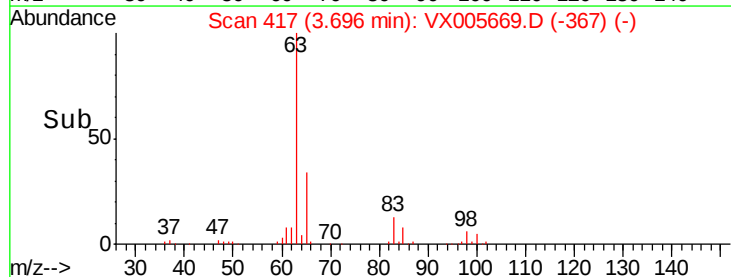
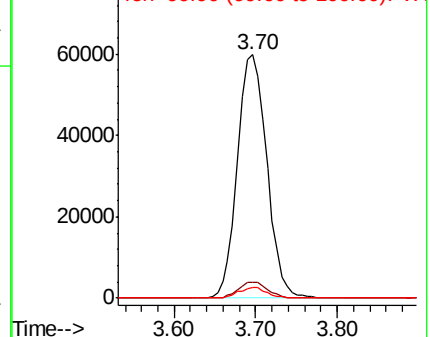
63 100

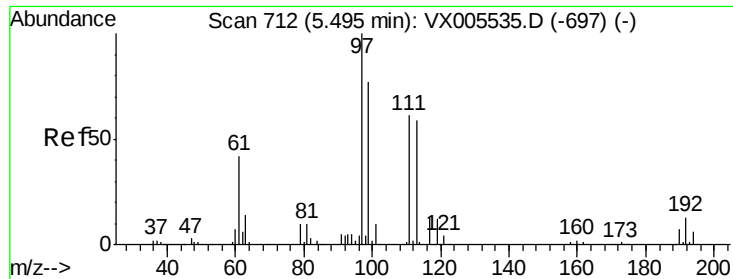
98 6.4 3.2 9.6

100 4.5 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#32

1,1,1-Trichloroethane

Concen: 3.284 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005669.D

Acq: 29 Oct 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ171I-20181024DL

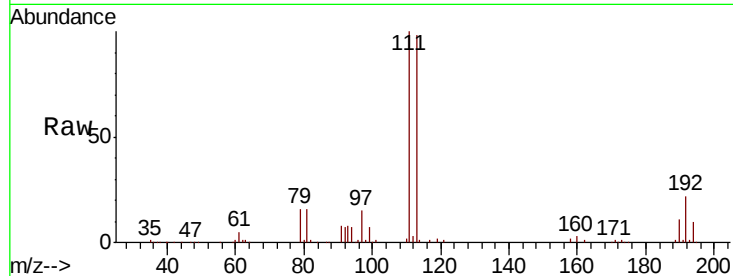
Tot Ion: 97 Resp: 14265

Ion Ratio Lower Upper

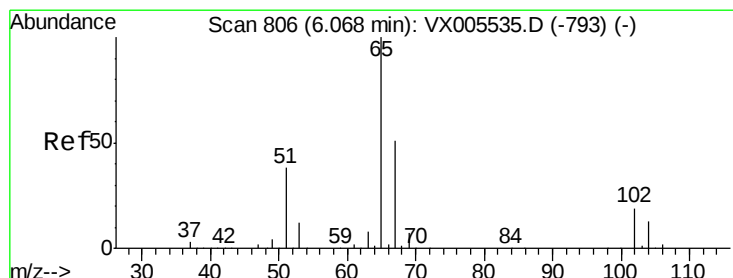
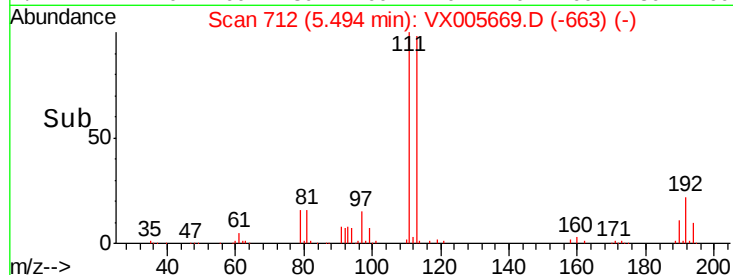
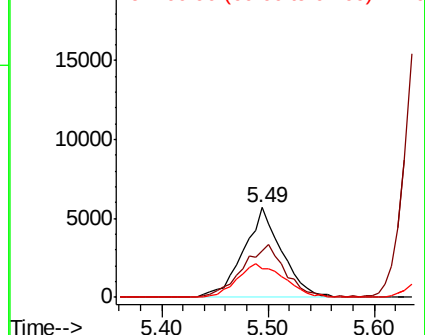
97 100

99 65.2 52.3 78.5

61 45.7 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.632 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005669.D

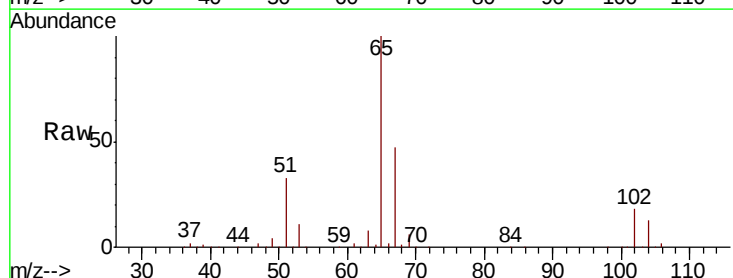
Acq: 29 Oct 2018 19:11

Tgt Ion: 65 Resp: 153810

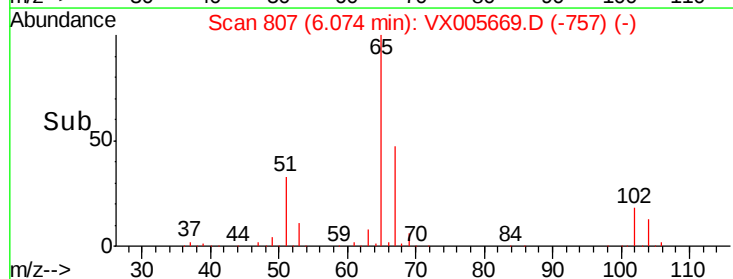
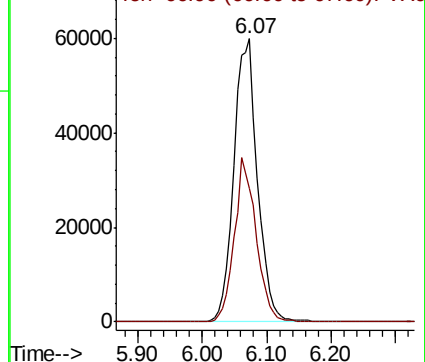
Ion Ratio Lower Upper

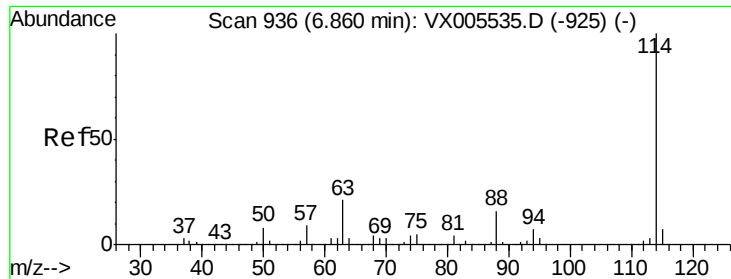
65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

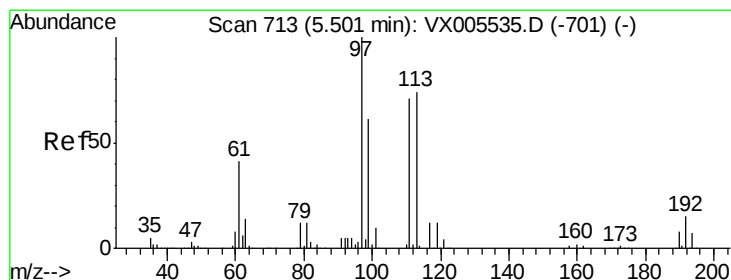
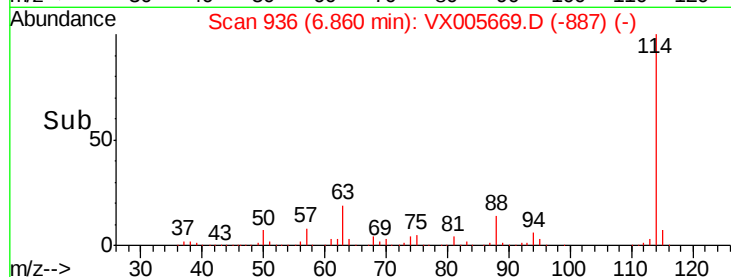
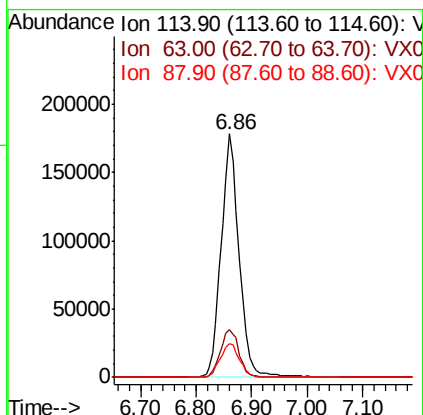
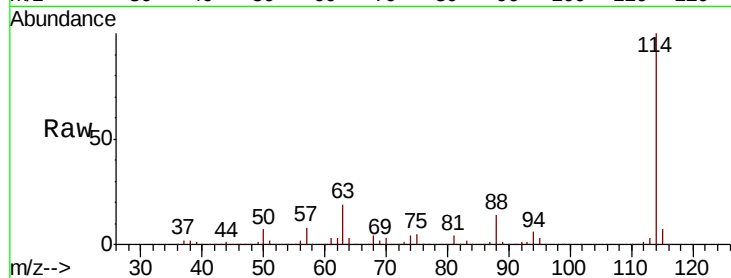




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005669.D
 Acq: 29 Oct 2018 19:11

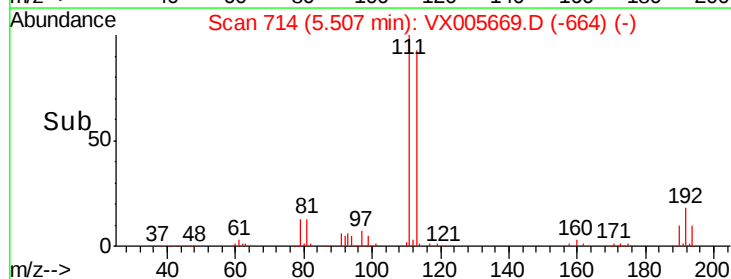
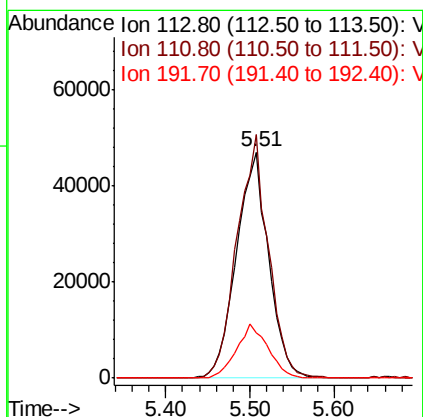
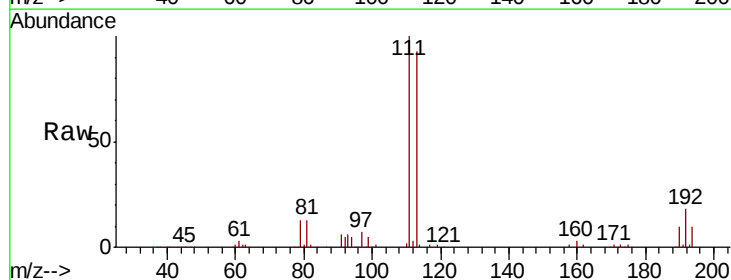
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ171I-20181024DL

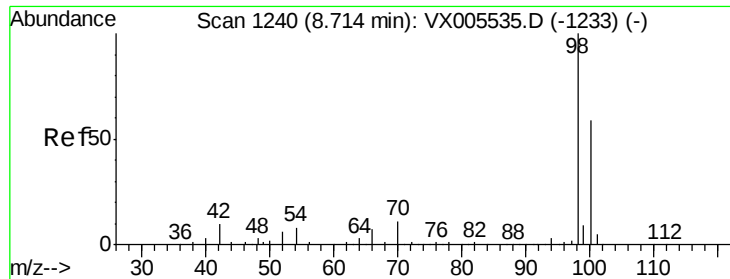
Tot Ion:114 Resp: 397435
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.8
 88 13.7 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 45.094 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005669.D
 Acq: 29 Oct 2018 19:11

Tgt Ion:113 Resp: 121353
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.3 123.5
 192 23.6 17.9 26.9





#50

Toluene-d8

Concen: 46.277 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005669.D

Acq: 29 Oct 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

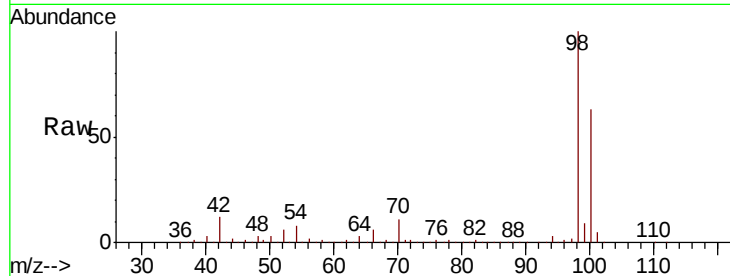
SA-PZ171I-20181024DL

Tot Ion: 98 Resp: 447488

Ion Ratio Lower Upper

98 100

100 63.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>

8.71

300000

250000

200000

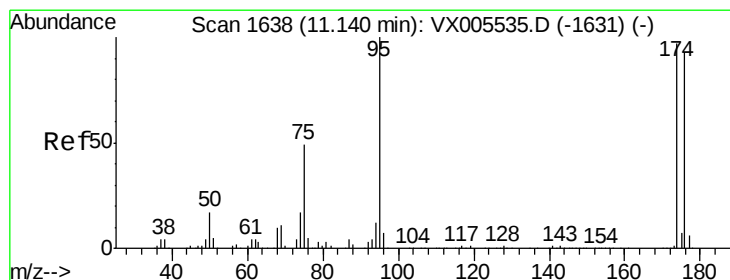
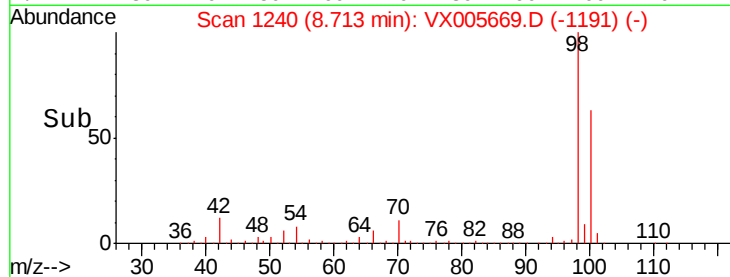
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.908 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005669.D

Acq: 29 Oct 2018 19:11

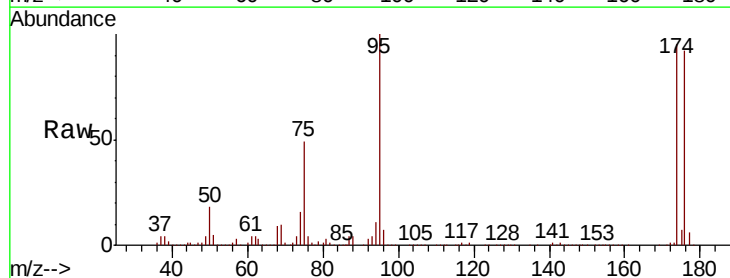
Tgt Ion: 95 Resp: 163992

Ion Ratio Lower Upper

95 100

174 91.3 0.0 184.4

176 88.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

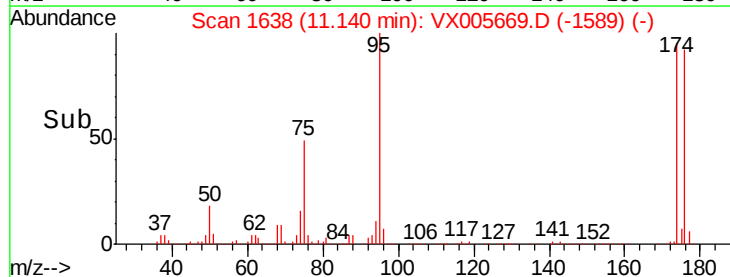
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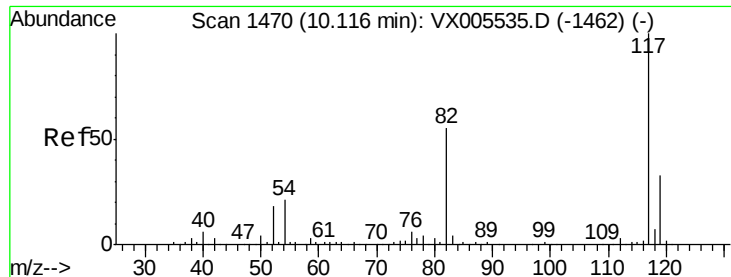
100000

50000

0

Time-->

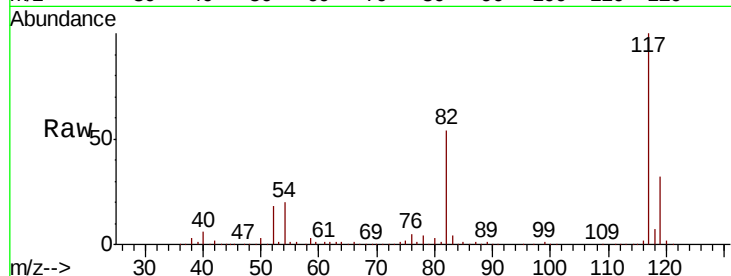




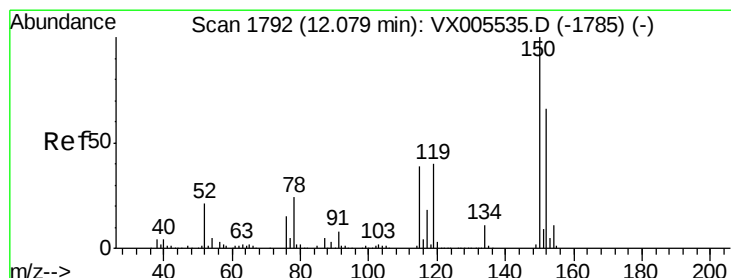
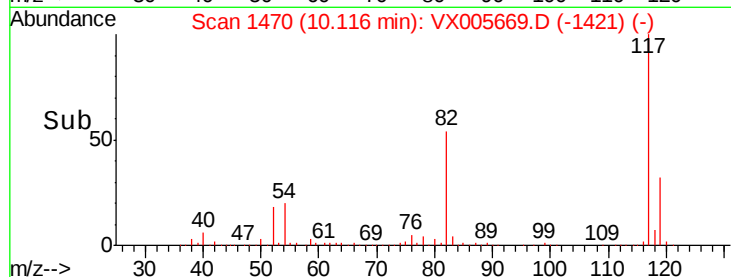
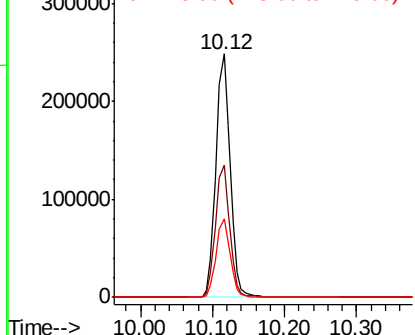
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005669.D
Acq: 29 Oct 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ171I-20181024DL

Tot Ion:117 Resp: 341329
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.1 26.2 39.2

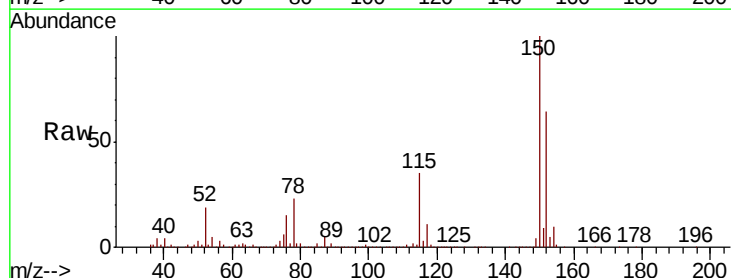


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005669.D
Acq: 29 Oct 2018 19:11

Tgt Ion:152 Resp: 174303
Ion Ratio Lower Upper
152 100
115 56.0 39.4 118.1
150 157.7 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

