

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005671.D
 Acq On : 29 Oct 2018 20:04
 Operator : JC/MD
 Sample : J5692-03RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ172I-20181024RE

Quant Time: Oct 30 04:14:49 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

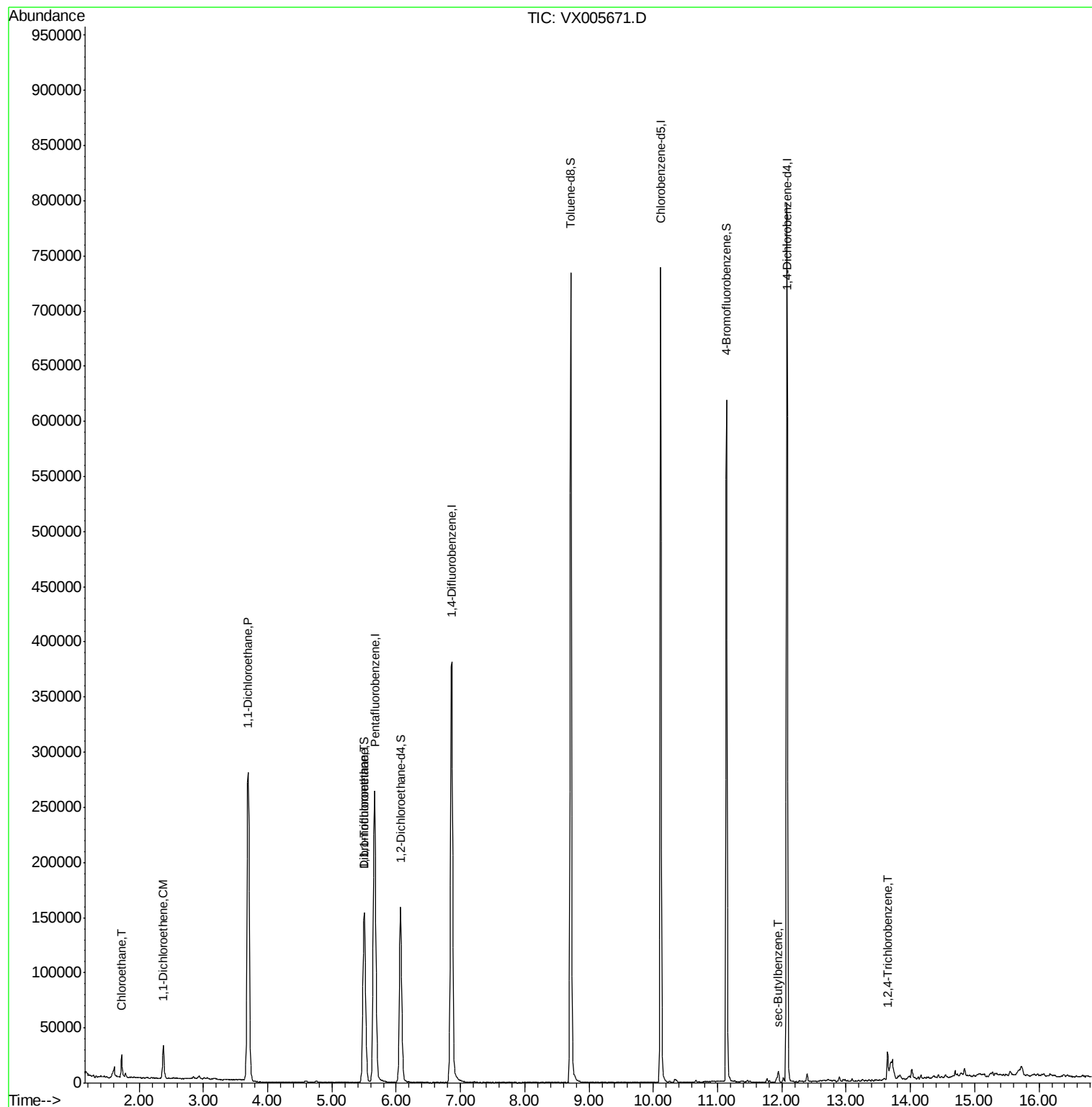
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	275536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	411844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154995	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
35) Dibromofluoromethane	5.50	113	123842	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
50) Toluene-d8	8.71	98	462064	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.14	95	157226	41.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.10%	
Target Compounds						
6) Chloroethane	1.73	64	16300	7.492	ug/l	98
12) 1,1-Dichloroethene	2.37	96	10271	3.971	ug/l	93
24) 1,1-Dichloroethane	3.70	63	344510	62.861	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	11995	2.651	ug/l	99
85) sec-Butylbenzene	11.94	105	4937	0.472	ug/l	84
93) 1,2,4-Trichlorobenzene	13.65	180	6042	1.530	ug/l	97

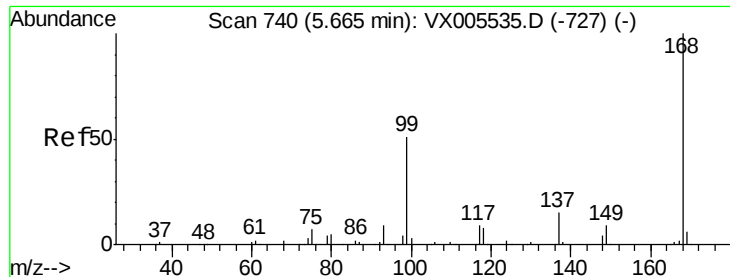
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 740

Delta R.T. -0.00 min

Lab File: VX005671.D

Acq: 29 Oct 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

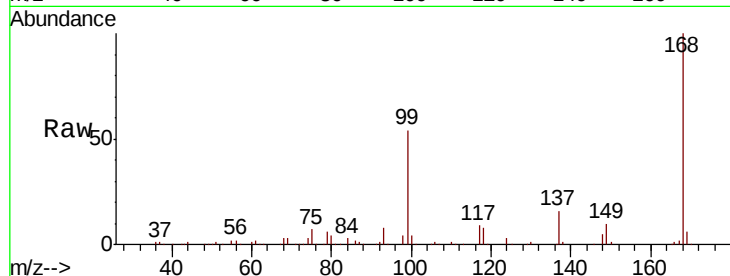
SA-PZ172I-20181024RE

Tot Ion:168 Resp: 275536

Ion Ratio Lower Upper

168 100

99 53.9 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

100000

80000

60000

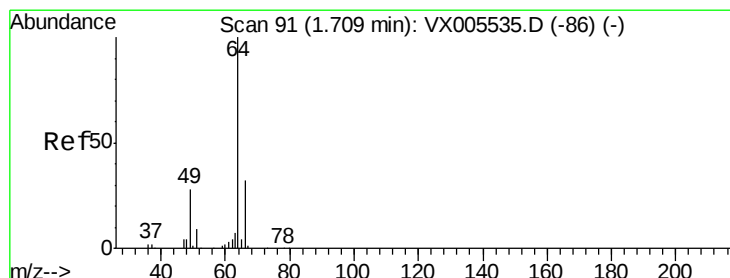
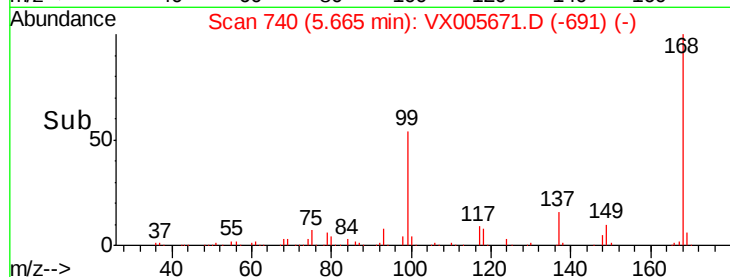
40000

20000

0

Time-->

5.60 5.80



#6

Chloroethane

Concen: 7.492 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.02 min

Lab File: VX005671.D

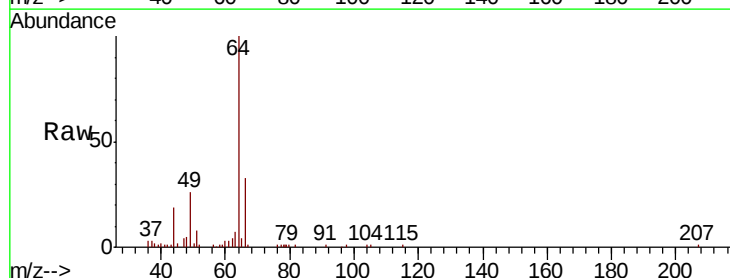
Acq: 29 Oct 2018 20:04

Tgt Ion: 64 Resp: 16300

Ion Ratio Lower Upper

64 100

66 33.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

12000

10000

8000

6000

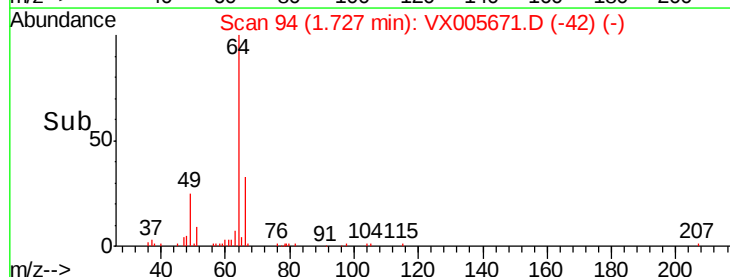
4000

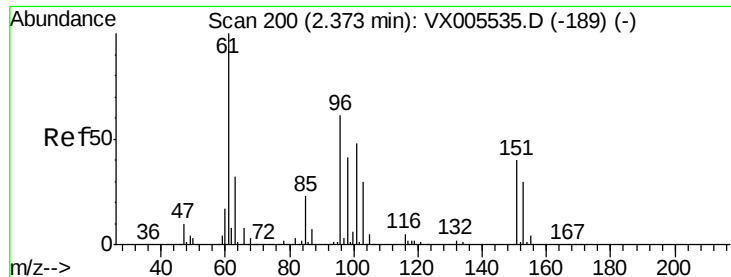
2000

0

Time-->

1.65 1.70 1.75 1.80





#12

1,1-Dichloroethene

Concen: 3.971 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX005671.D

Acq: 29 Oct 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ172I-20181024RE

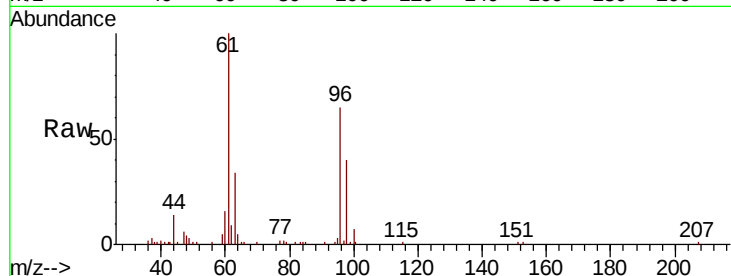
Tot Ion: 96 Resp: 10271

Ion Ratio Lower Upper

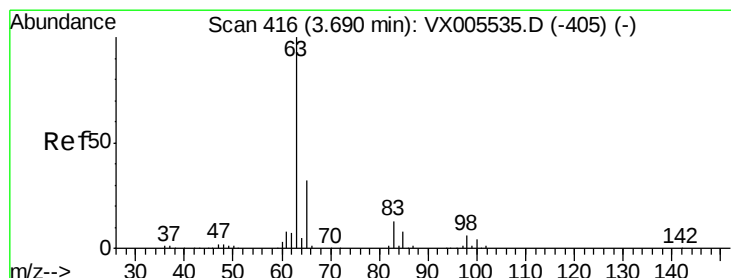
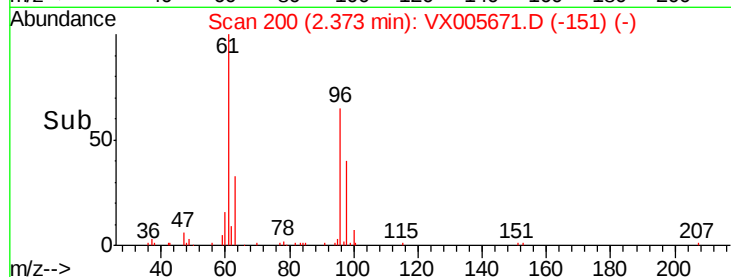
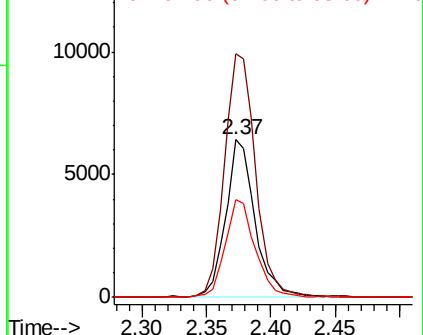
96 100

61 154.4 131.8 197.8

98 62.2 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: 62.861 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005671.D

Acq: 29 Oct 2018 20:04

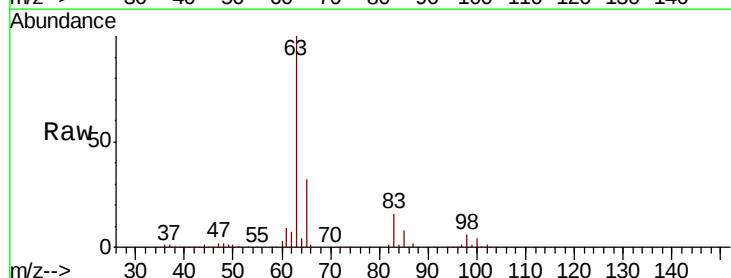
Tgt Ion: 63 Resp: 344510

Ion Ratio Lower Upper

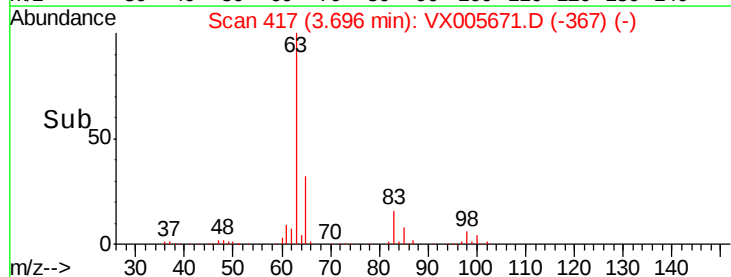
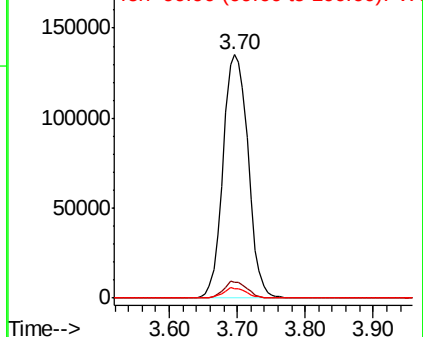
63 100

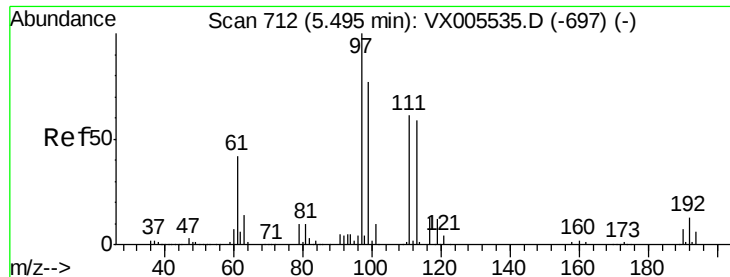
98 6.4 3.2 9.6

100 4.1 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: 2.651 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005671.D

Acq: 29 Oct 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ172I-20181024RE

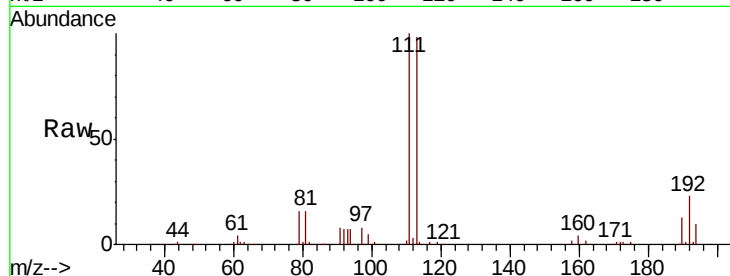
Tot Ion: 97 Resp: 11995

Ion Ratio Lower Upper

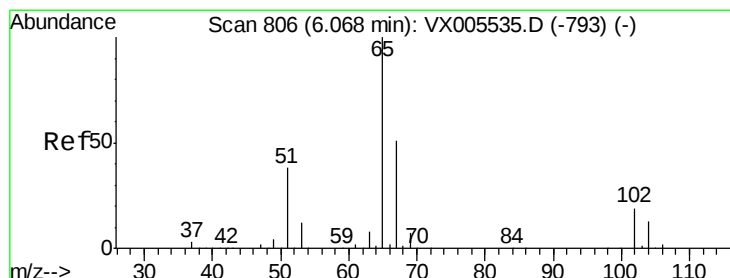
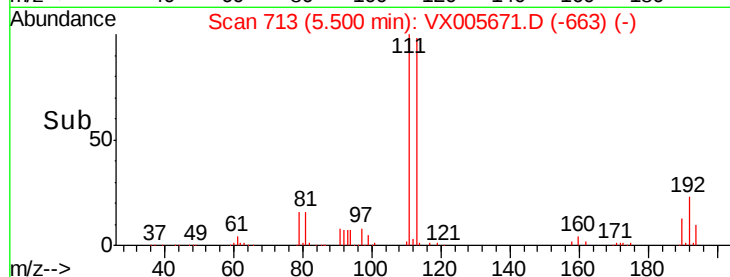
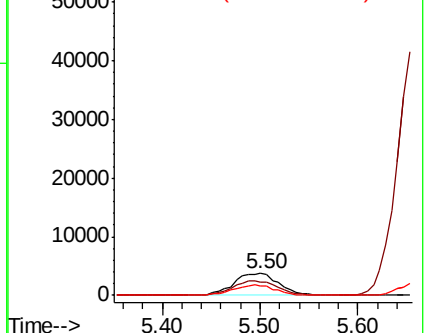
97 100

99 66.2 52.3 78.5

61 44.6 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: 46.082 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005671.D

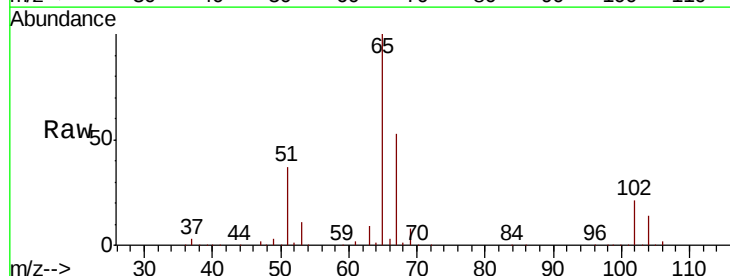
Acq: 29 Oct 2018 20:04

Tgt Ion: 65 Resp: 154995

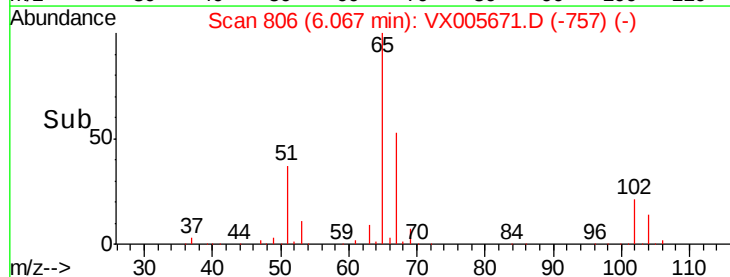
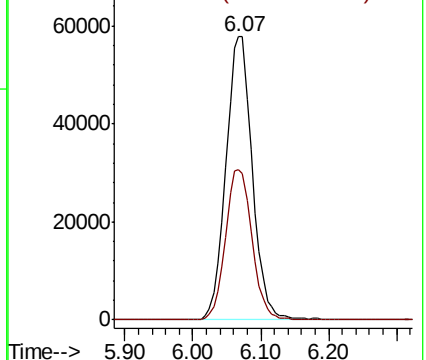
Ion Ratio Lower Upper

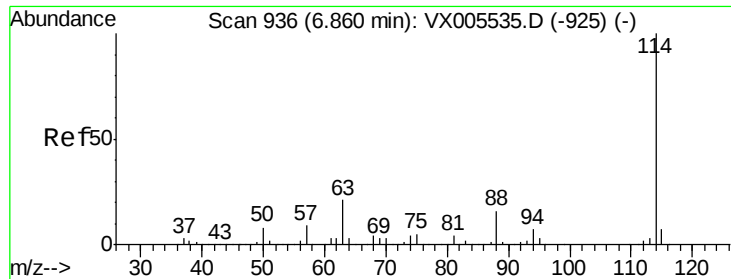
65 100

67 53.3 0.0 105.0



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

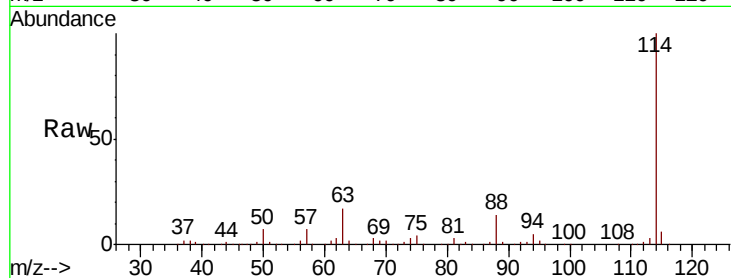




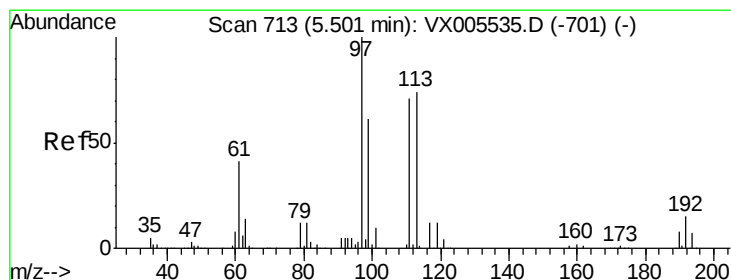
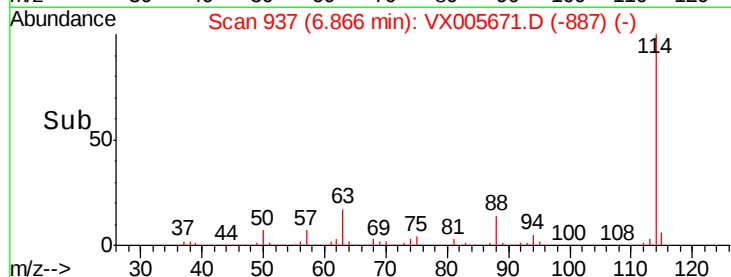
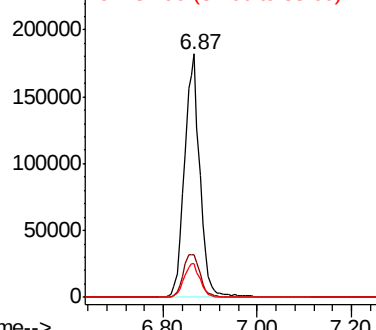
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005671.D
 Acq: 29 Oct 2018 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ172I-20181024RE

Tot Ion:114 Resp: 411844
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 42.8
 88 13.8 0.0 31.2

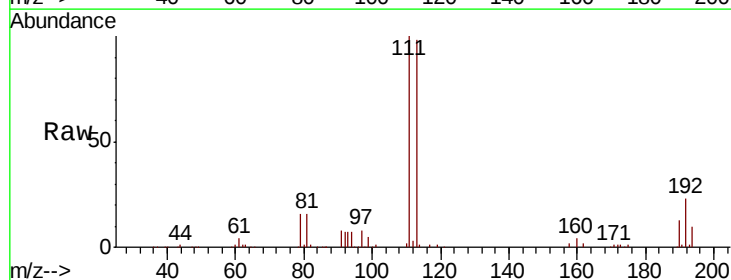


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

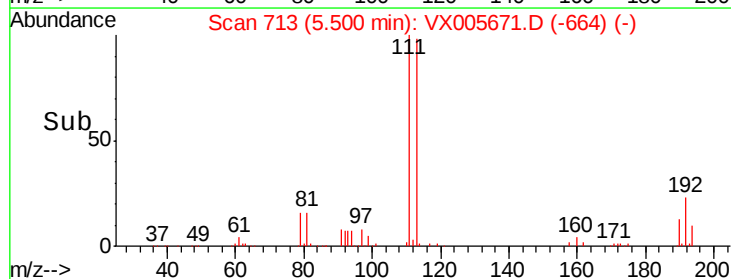
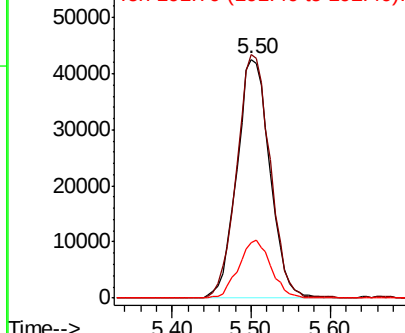


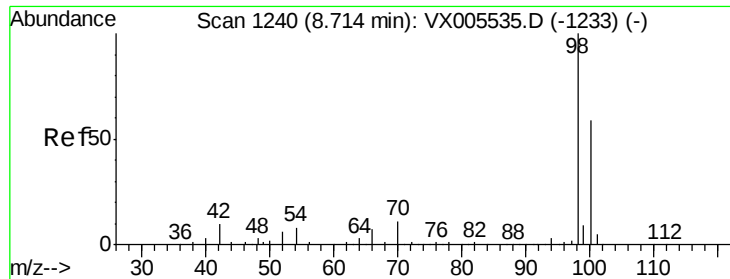
#35
 Dibromofluoromethane
 Concen: 44.409 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005671.D
 Acq: 29 Oct 2018 20:04

Tgt Ion:113 Resp: 123842
 Ion Ratio Lower Upper
 113 100
 111 102.4 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: 46.113 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005671.D

Acq: 29 Oct 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

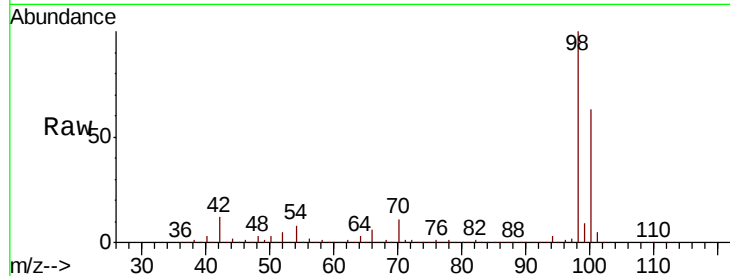
SA-PZ172I-20181024RE

Tot Ion: 98 Resp: 462064

Ion Ratio Lower Upper

98 100

100 64.0 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

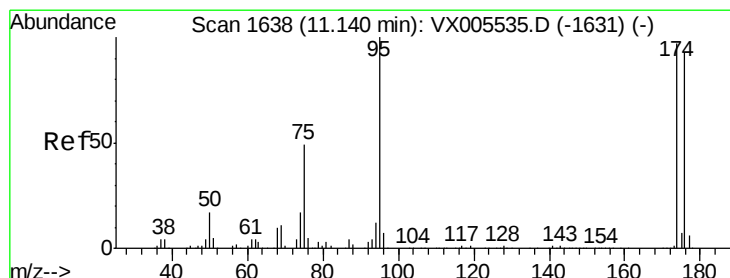
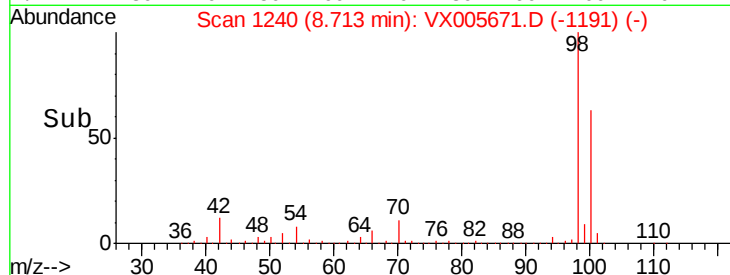
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.549 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005671.D

Acq: 29 Oct 2018 20:04

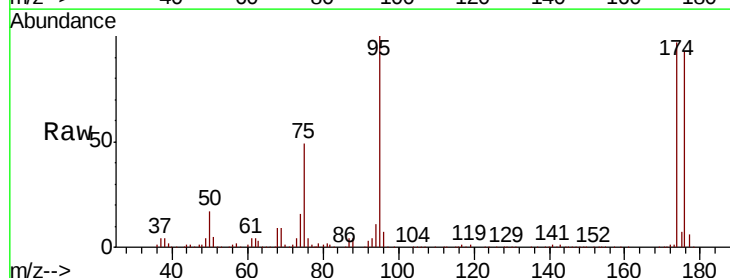
Tgt Ion: 95 Resp: 157226

Ion Ratio Lower Upper

95 100

174 93.0 0.0 184.4

176 89.8 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

11.14

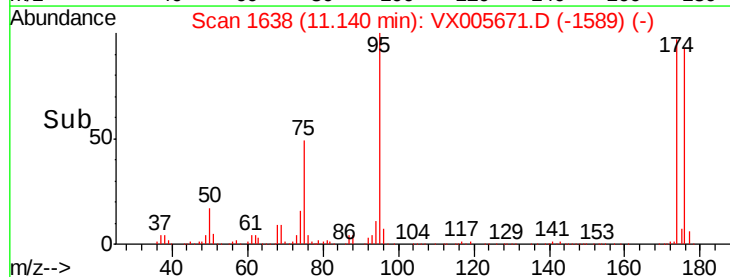
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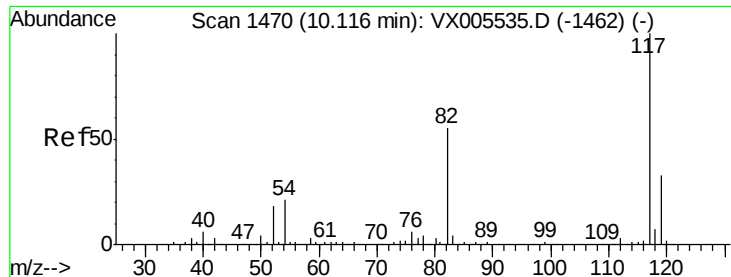
100000

50000

0

Time-->

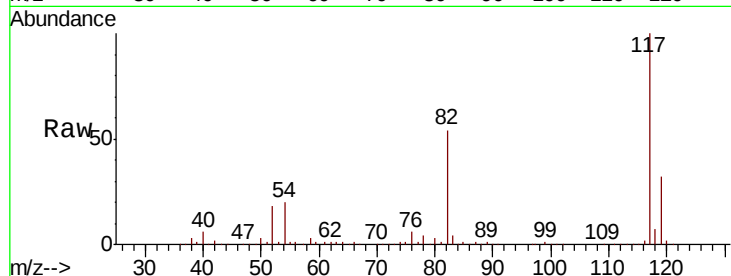




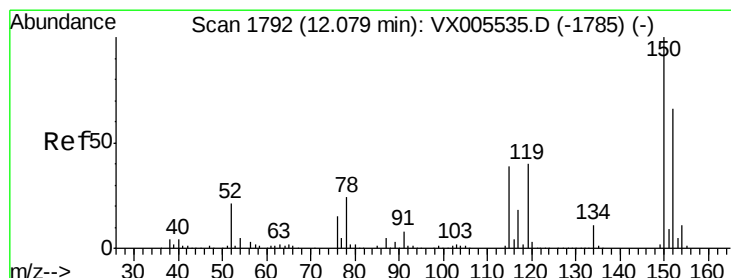
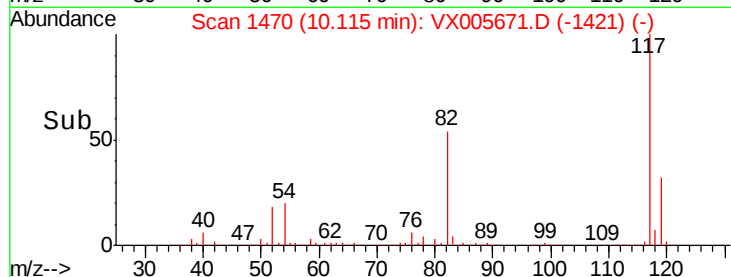
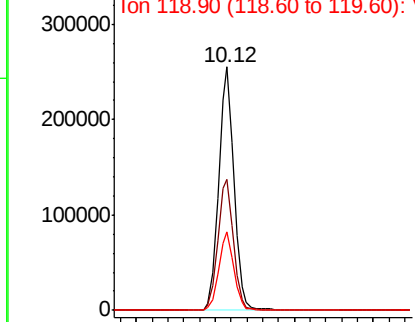
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005671.D
Acq: 29 Oct 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ172I-20181024RE

Tot Ion:117 Resp: 344871
Ion Ratio Lower Upper
117 100
82 53.7 44.1 66.1
119 32.4 26.2 39.2

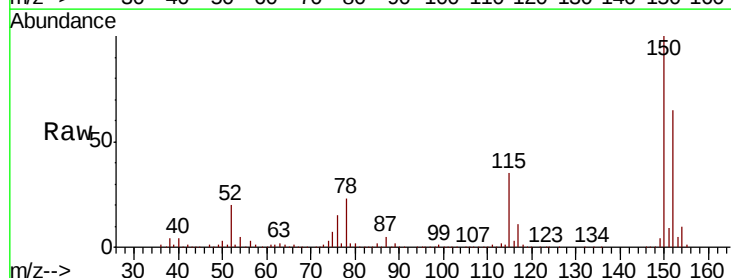


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

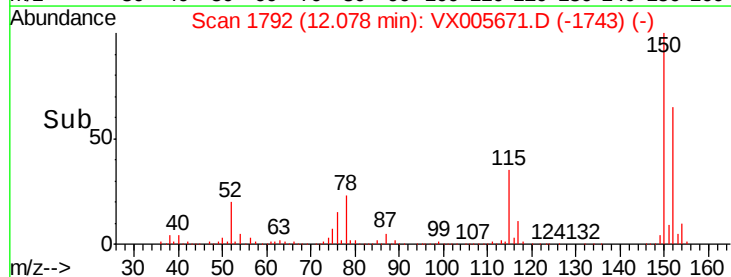
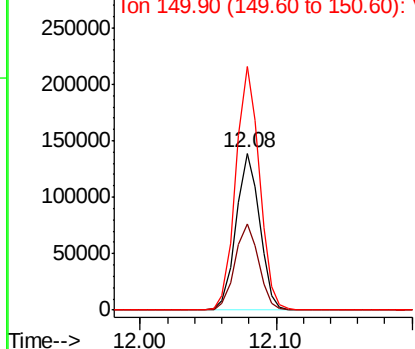


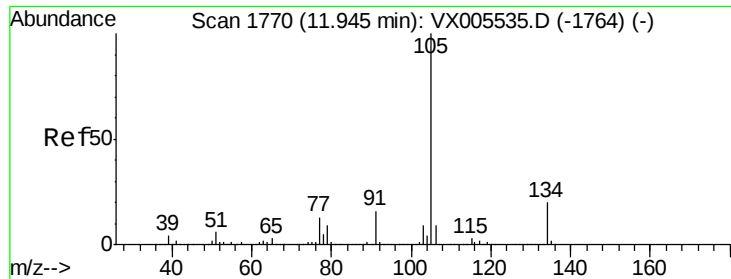
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005671.D
Acq: 29 Oct 2018 20:04

Tgt Ion:152 Resp: 168121
Ion Ratio Lower Upper
152 100
115 55.4 39.4 118.1
150 155.4 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





#85

sec-Butylbenzene

Concen: 0.472 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005671.D

Acq: 29 Oct 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

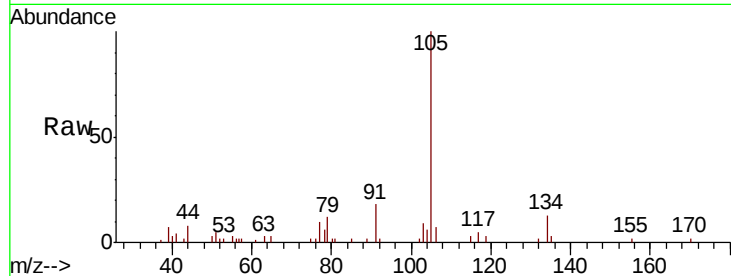
SA-PZ172I-20181024RE

Tot Ion:105 Resp: 4937

Ion Ratio Lower Upper

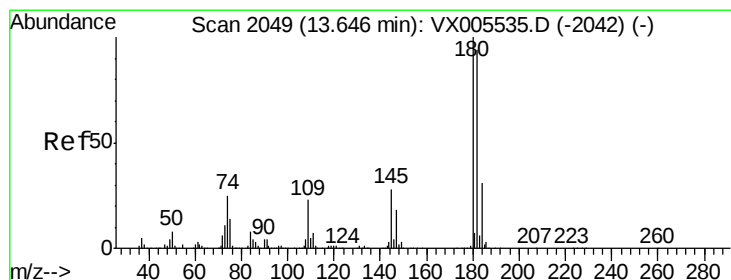
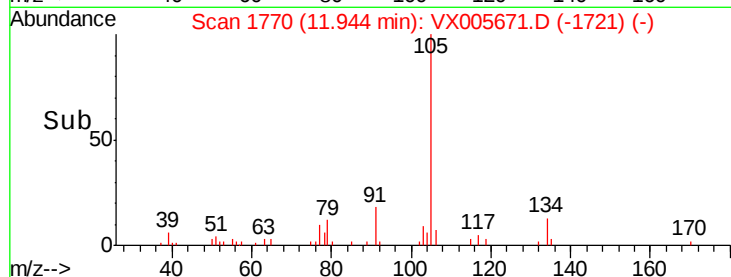
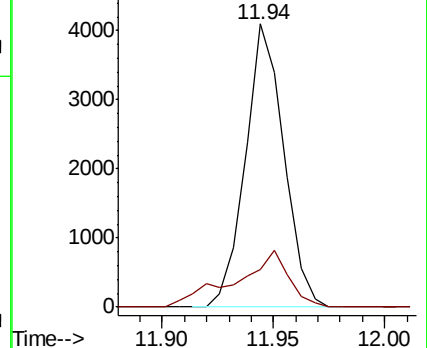
105 100

134 27.9 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 1.530 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005671.D

Acq: 29 Oct 2018 20:04

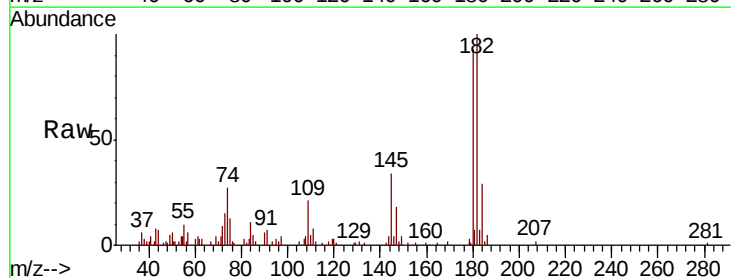
Tgt Ion:180 Resp: 6042

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

145 33.4 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

