

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004150.D
 Acq On : 20 Aug 2018 14:03
 Operator : JC/MD
 Sample : J4541-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW236-180815

Quant Time: Aug 21 11:21:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

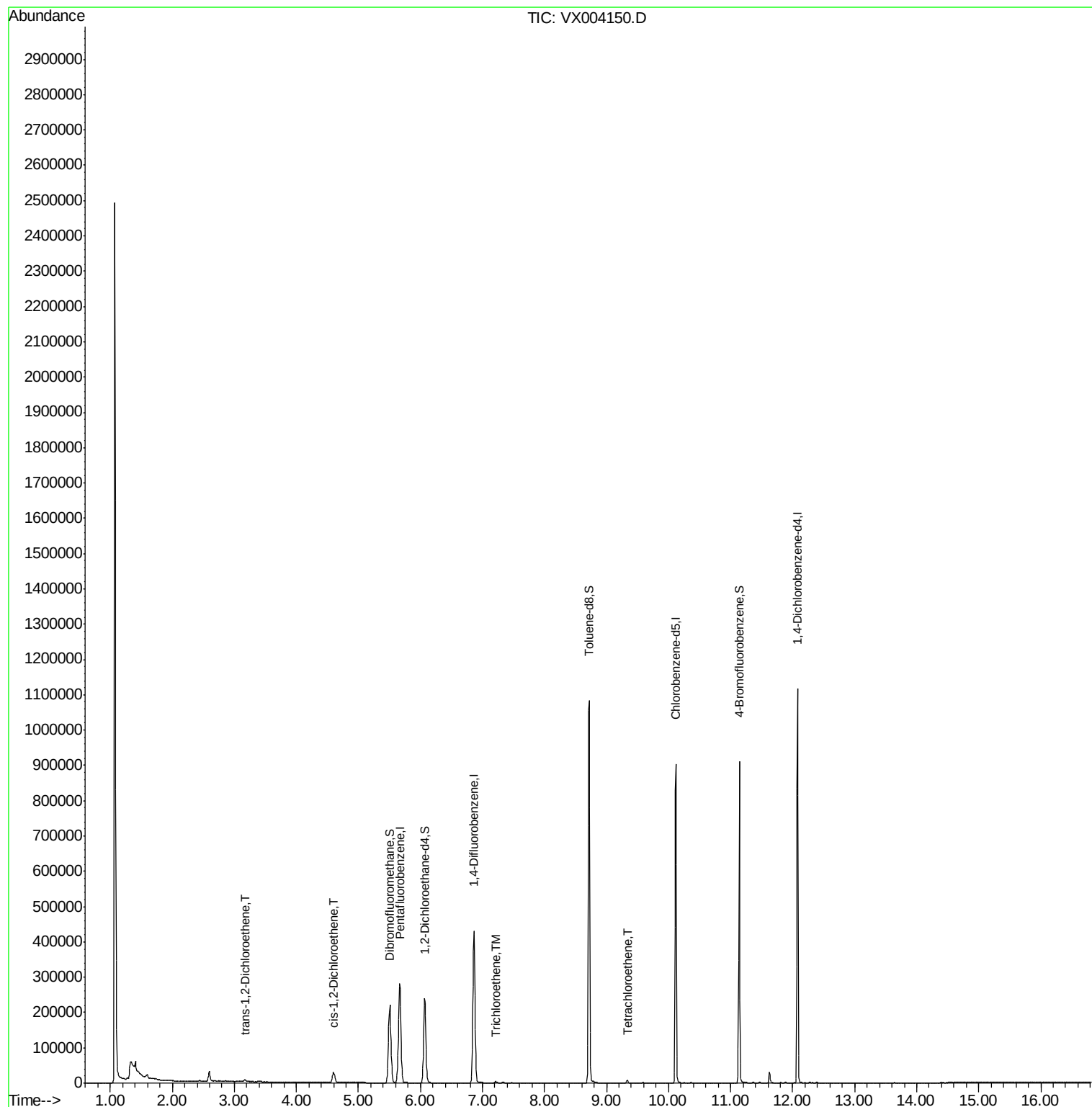
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218016	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
35) Dibromofluoromethane	5.51	113	188304	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
50) Toluene-d8	8.72	98	658495	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.14	95	218108	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	1962	0.57	ug/l	# 80
27) cis-1,2-Dichloroethene	4.60	96	18808	4.88	ug/l	87
44) Trichloroethene	7.21	130	1672	0.41	ug/l	96
64) Tetrachloroethene	9.34	164	1511	0.38	ug/l	88

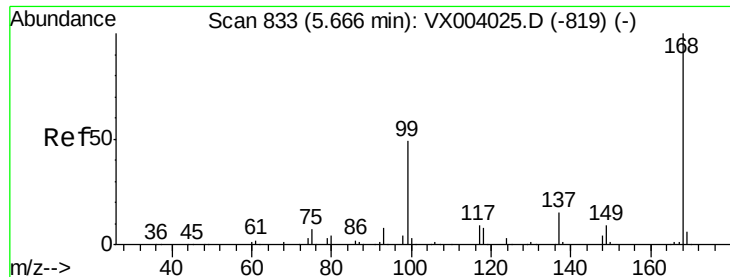
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004150.D

Acq: 20 Aug 2018 14:03

Instrument :

MSVOA_X

ClientSampleId :

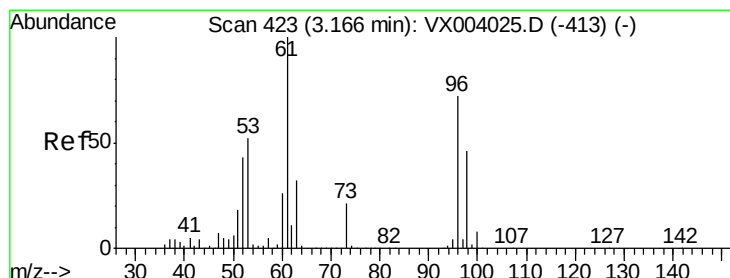
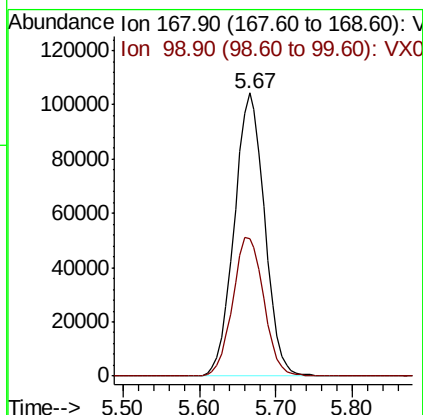
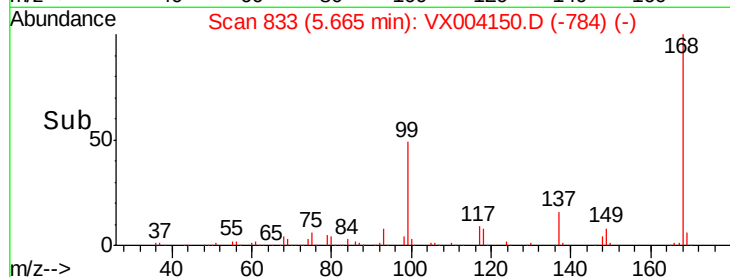
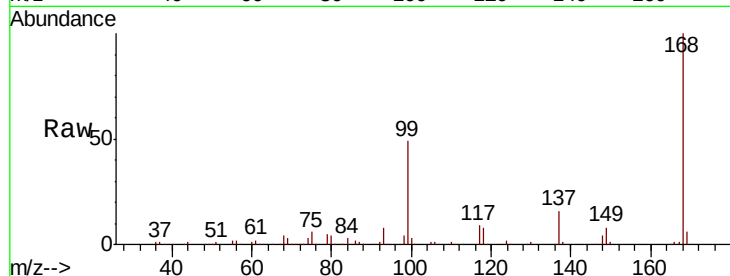
KY070MW236-180815

Tot Ion:168 Resp: 286650

Ion Ratio Lower Upper

168 100

99 48.6 40.1 60.1



#21

trans-1,2-Dichloroethene

Concen: 0.57 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX004150.D

Acq: 20 Aug 2018 14:03

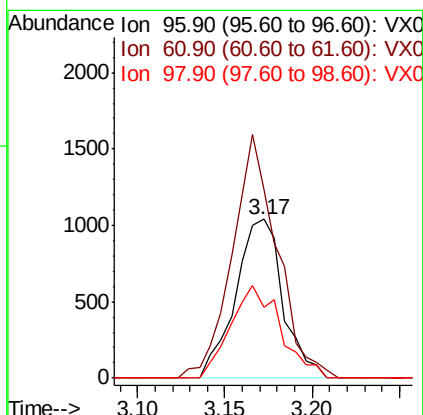
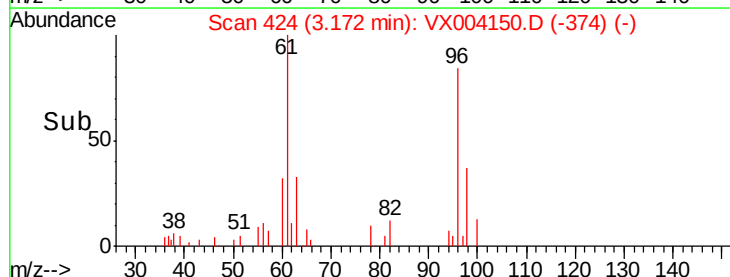
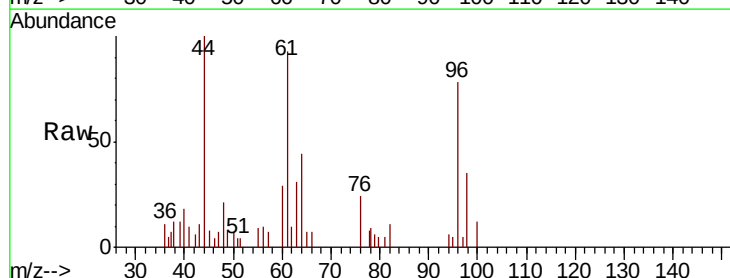
Tgt Ion: 96 Resp: 1962

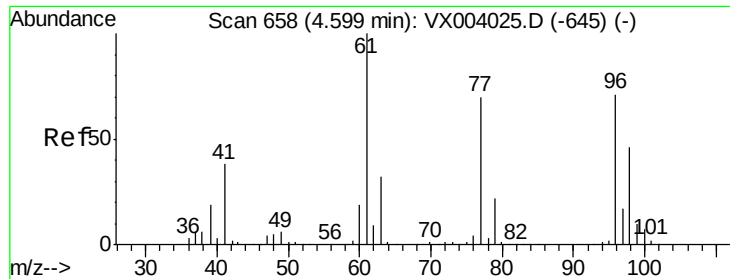
Ion Ratio Lower Upper

96 100

61 119.0 111.8 167.6

98 44.4 51.8 77.6#





#27

cis-1,2-Dichloroethene

Concen: 4.88 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004150.D

Acq: 20 Aug 2018 14:03

Instrument :

MSVOA_X

ClientSampleId :

KY070MW236-180815

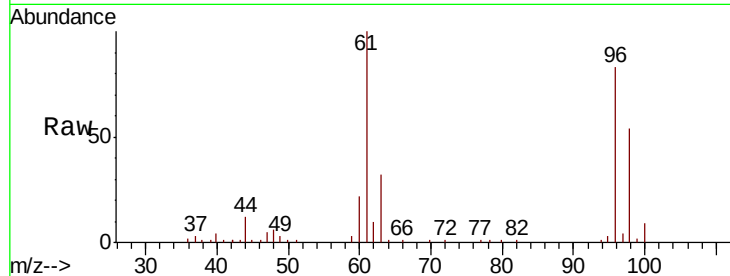
Tot Ion: 96 Resp: 18808

Ion Ratio Lower Upper

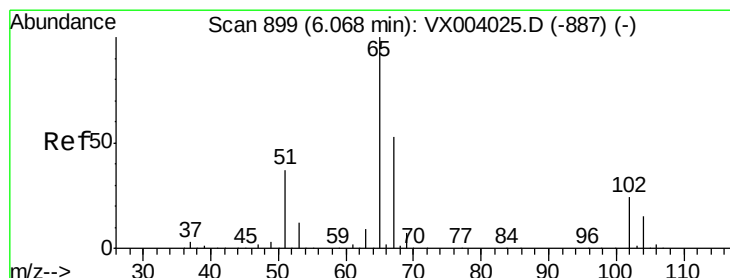
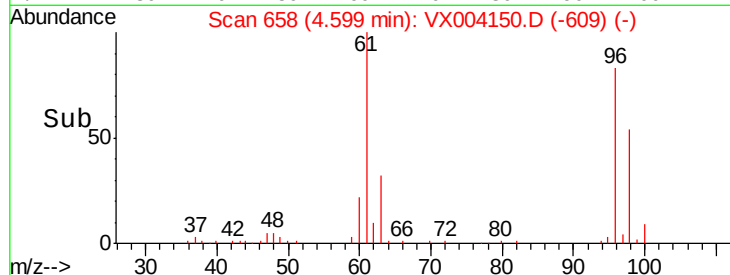
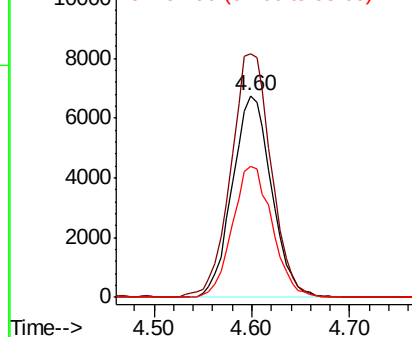
96 100

61 124.0 0.0 293.0

98 65.5 0.0 131.8



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



#33

1,2-Dichloroethane-d4

Concen: 53.98 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004150.D

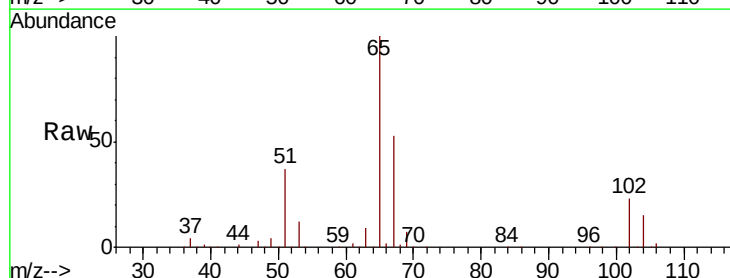
Acq: 20 Aug 2018 14:03

Tgt Ion: 65 Resp: 218016

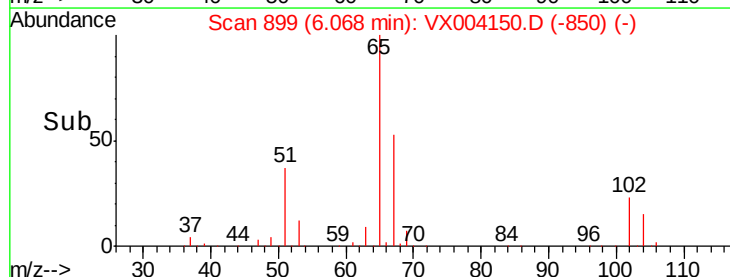
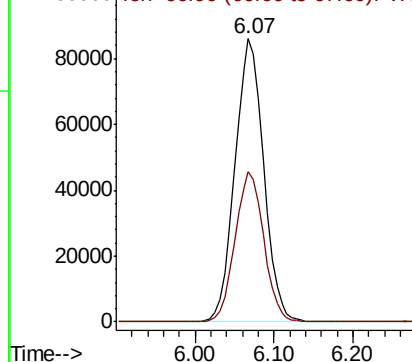
Ion Ratio Lower Upper

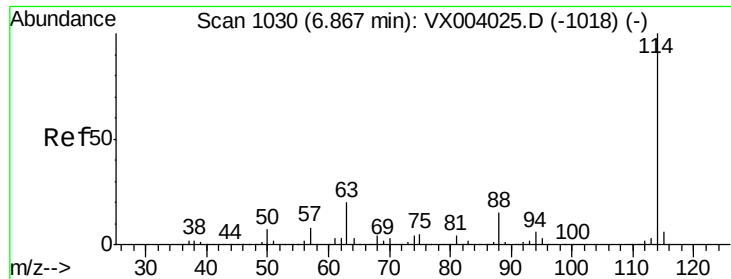
65 100

67 53.1 0.0 105.8



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

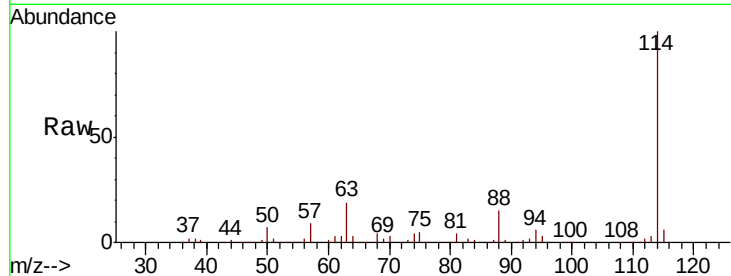




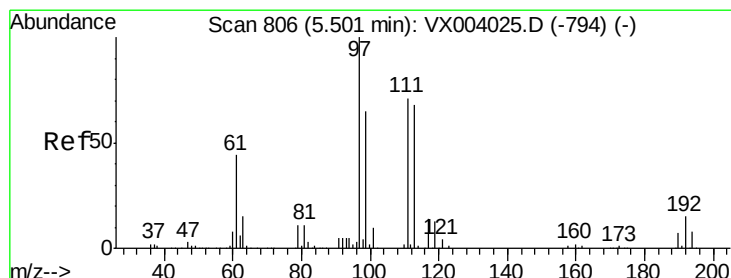
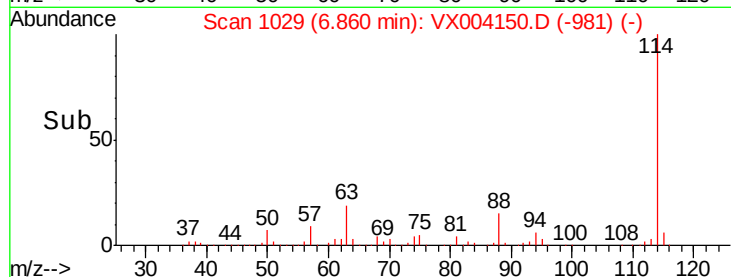
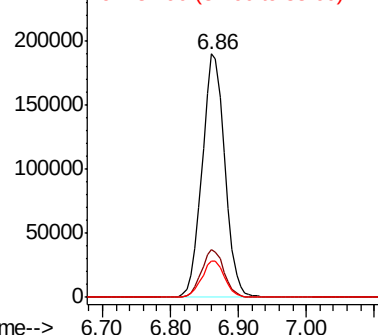
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004150.D
 Acq: 20 Aug 2018 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW236-180815

Tot Ion:114 Resp: 439770
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.1 0.0 32.0

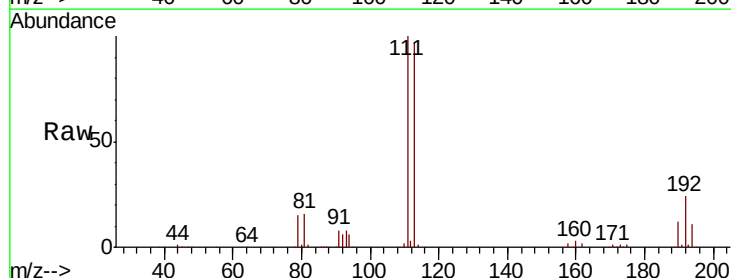


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

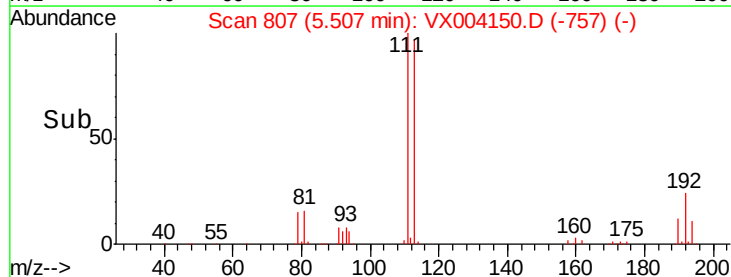
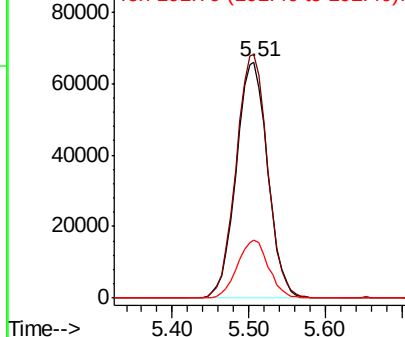


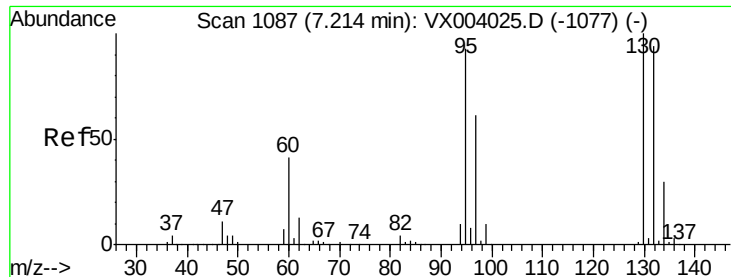
#35
 Dibromofluoromethane
 Concen: 57.21 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004150.D
 Acq: 20 Aug 2018 14:03

Tgt Ion:113 Resp: 188304
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 24.3 19.0 28.4



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





#44

Trichloroethene

Concen: 0.41 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004150.D

Acq: 20 Aug 2018 14:03

Instrument :

MSVOA_X

ClientSampleId :

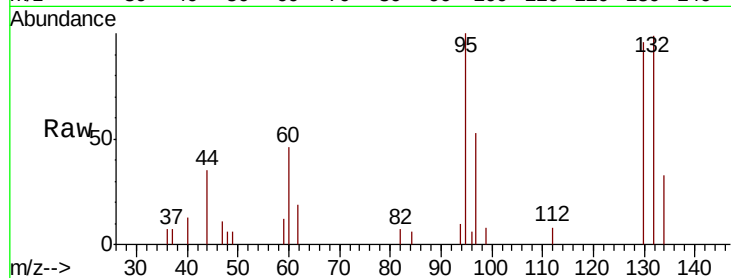
KY070MW236-180815

Tot Ion:130 Resp: 1672

Ion Ratio Lower Upper

130 100

95 103.8 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

800

600

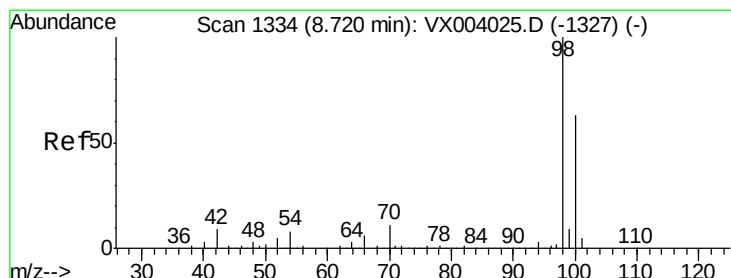
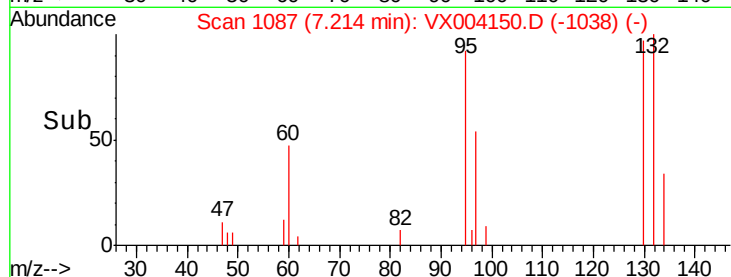
400

200

0

7.15 7.20 7.25

Time-->



#50

Toluene-d8

Concen: 49.35 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004150.D

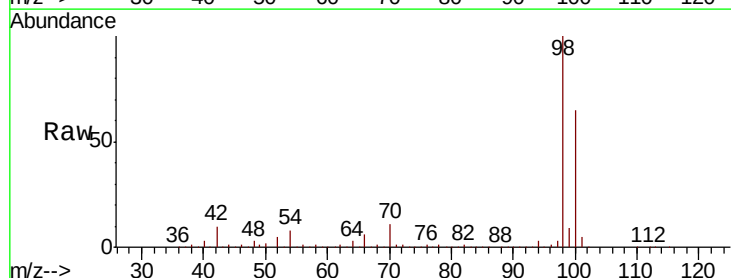
Acq: 20 Aug 2018 14:03

Tgt Ion: 98 Resp: 658495

Ion Ratio Lower Upper

98 100

100 66.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

500000

400000

300000

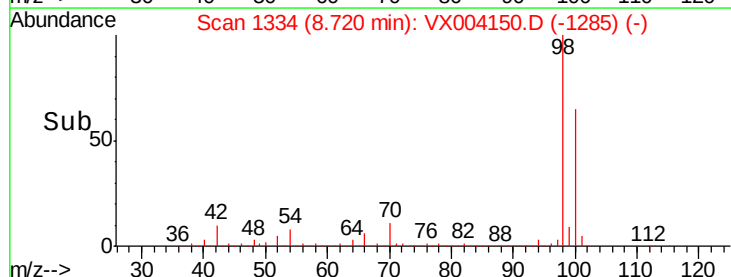
200000

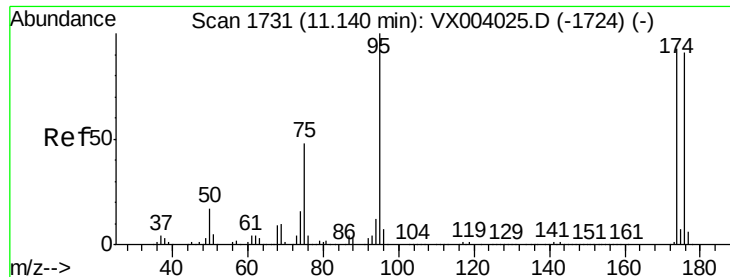
100000

0

8.60 8.70 8.80 8.90

Time-->

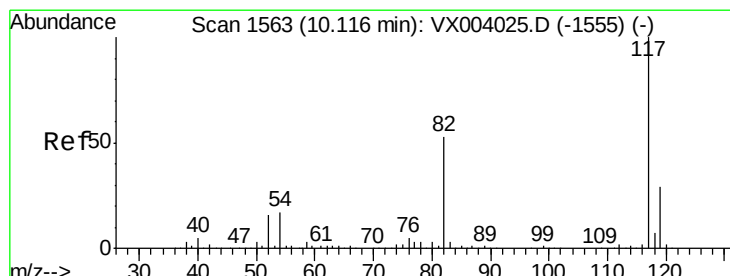
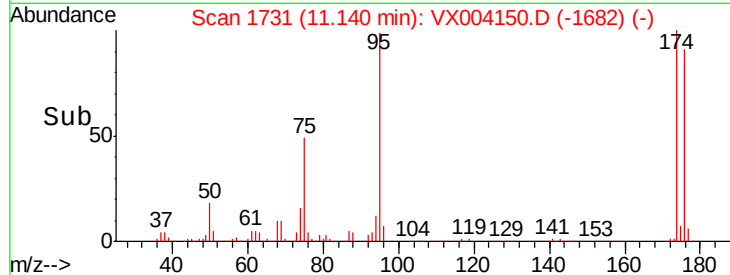
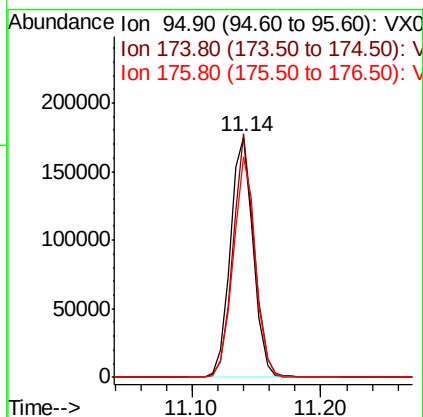
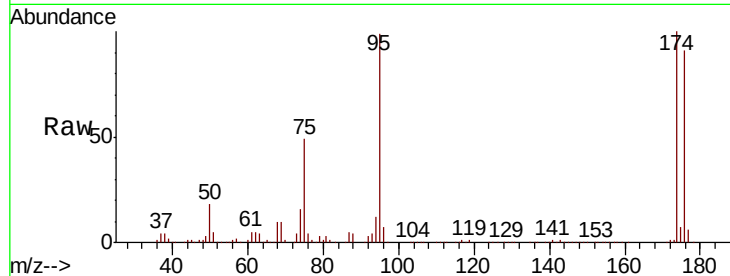




#62
 4-Bromofluorobenzene
 Concen: 45.06 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004150.D
 Acq: 20 Aug 2018 14:03

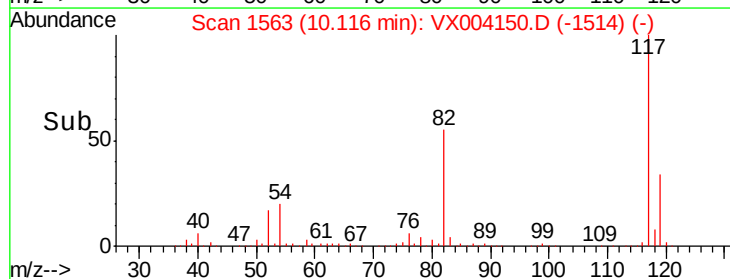
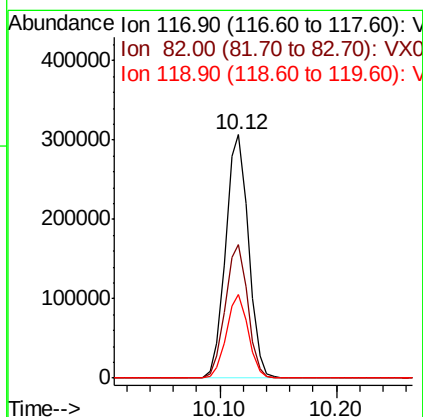
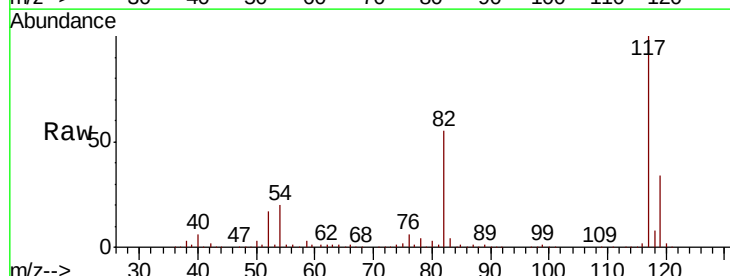
Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW236-180815

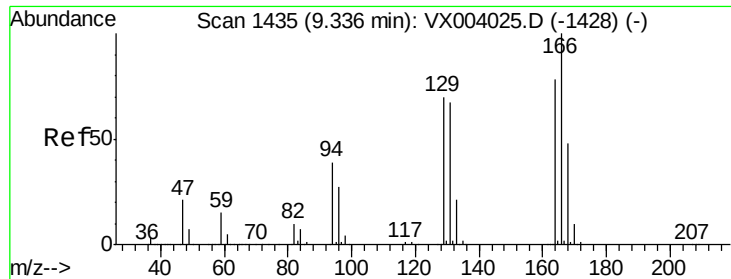
Tot Ion: 95 Resp: 218108
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 182.8
 176 89.1 0.0 179.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004150.D
 Acq: 20 Aug 2018 14:03

Tgt Ion: 117 Resp: 416680
 Ion Ratio Lower Upper
 117 100
 82 54.6 45.4 68.0
 119 34.4 26.6 40.0

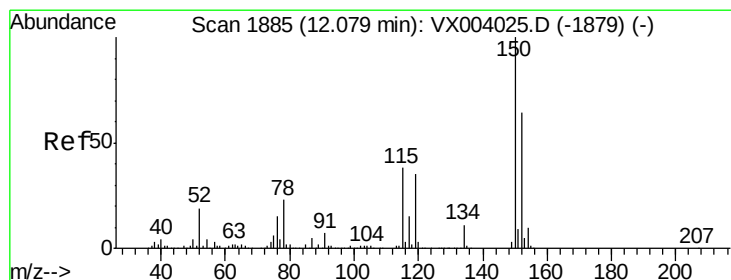
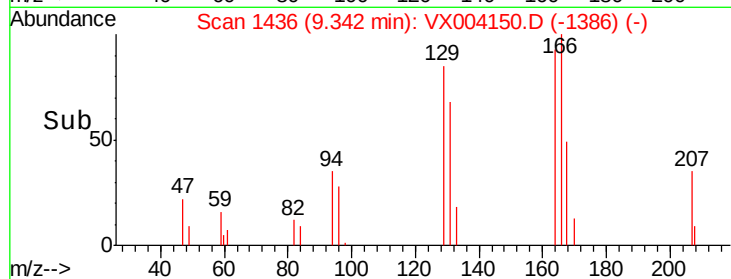
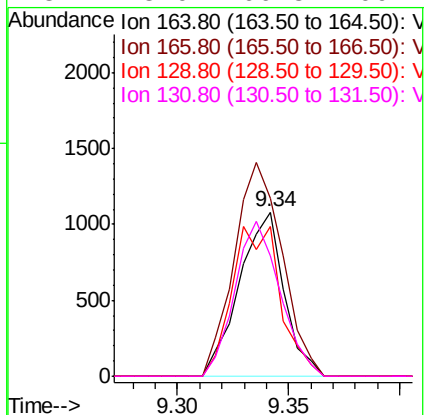
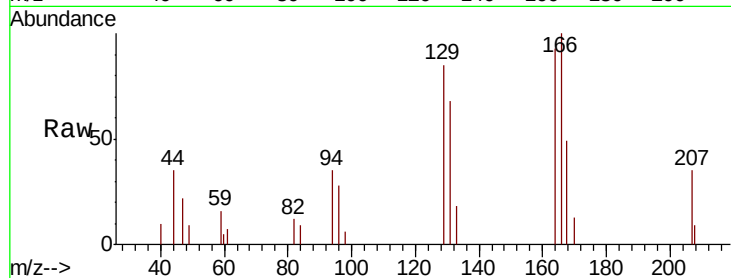




#64
Tetrachloroethene
Concen: 0.38 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Instrument :
MSVOA_X
ClientSampleId :
KY070MW236-180815

Tot Ion:164 Resp: 1511
Ion Ratio Lower Upper
164 100
166 107.9 98.0 147.0
129 91.5 64.3 96.5
131 73.0 66.8 100.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004150.D
Acq: 20 Aug 2018 14:03

Tgt Ion:152 Resp: 225341
Ion Ratio Lower Upper
152 100
115 55.4 39.1 117.3
150 160.4 0.0 349.2

