

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005241.D
 Acq On : 11 Oct 2018 08:32
 Operator : JC/MD
 Sample : J5364-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-181008

Quant Time: Oct 12 10:08:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	265054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138860	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132363	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
35) Dibromofluoromethane	5.51	113	113447	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.72	98	377953	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.14	95	130986	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

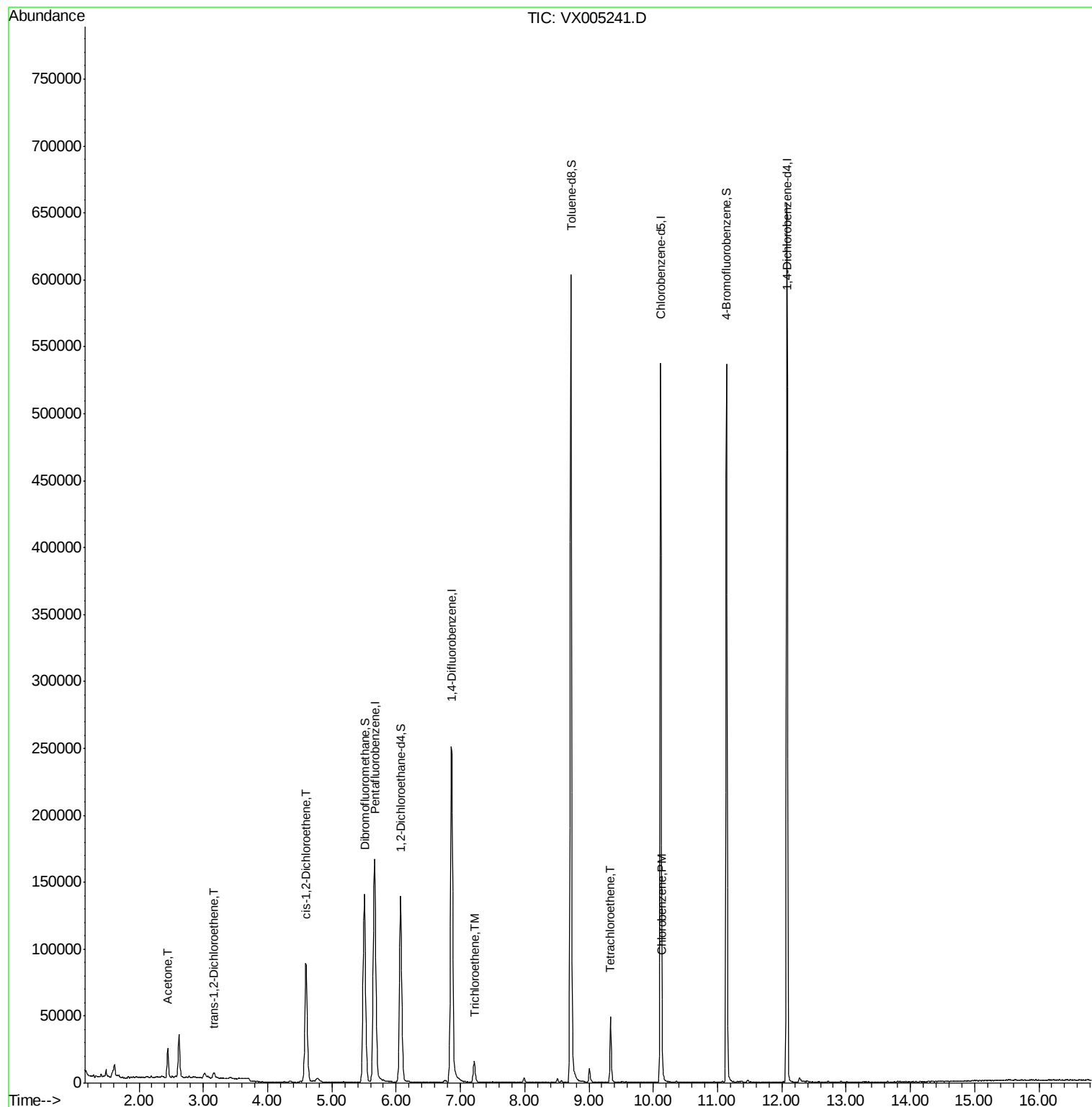
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	22540	15.64	ug/l #	85
21) trans-1,2-Dichloroethene	3.17	96	1729	0.84	ug/l #	80
27) cis-1,2-Dichloroethene	4.60	96	55789	24.37	ug/l	93
44) Trichloroethene	7.21	130	6381	2.71	ug/l	97
64) Tetrachloroethene	9.34	164	10164	4.00	ug/l	96
65) Chlorobenzene	10.14	112	1677	0.25	ug/l	99

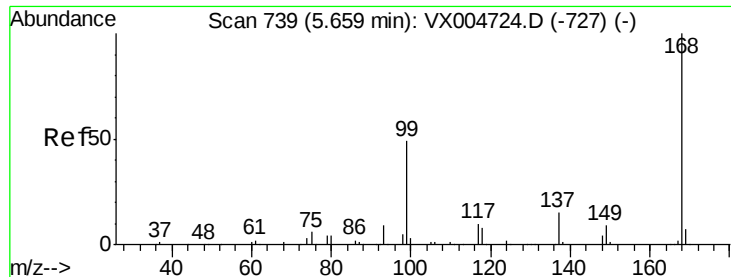
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005241.D

Acq: 11 Oct 2018 08:32

Instrument :

MSVOA_X

ClientSampleId :

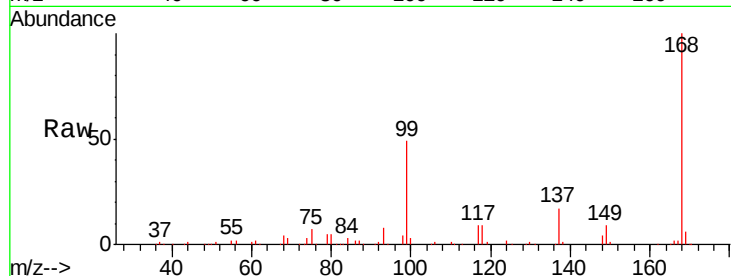
KY038PS035-181008

Tgt Ion:168 Resp: 172800

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

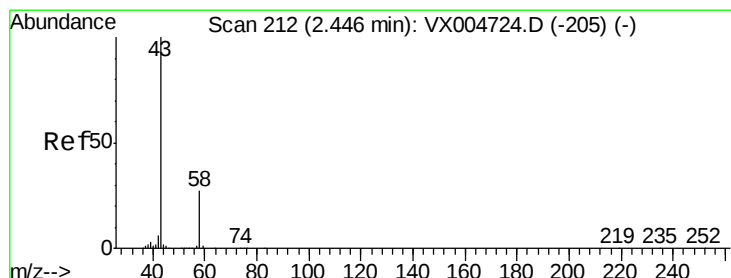
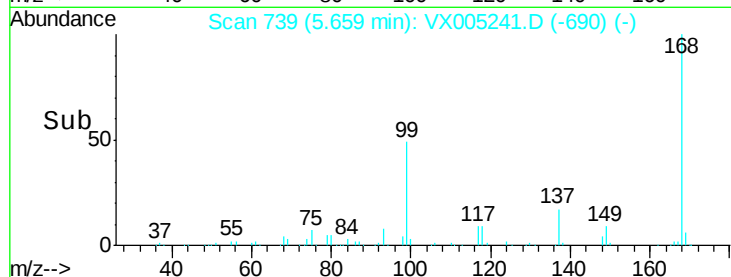
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 15.64 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005241.D

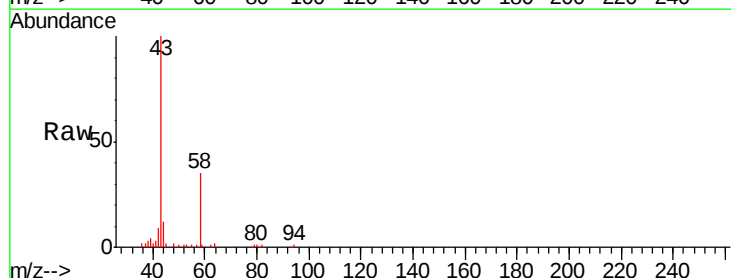
Acq: 11 Oct 2018 08:32

Tgt Ion: 43 Resp: 22540

Ion Ratio Lower Upper

43 100

58 34.9 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

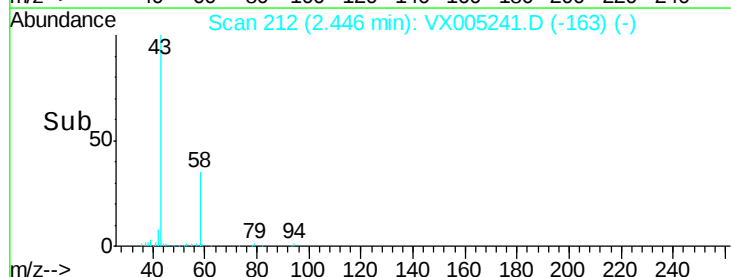
15000

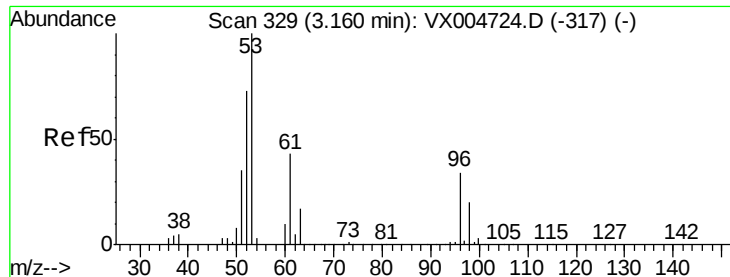
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#21

trans-1,2-Dichloroethene

Concen: 0.84 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005241.D

Acq: 11 Oct 2018 08:32

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-181008

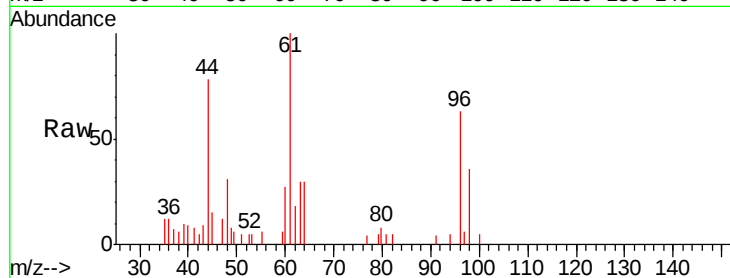
Tgt Ion: 96 Resp: 1729

Ion Ratio Lower Upper

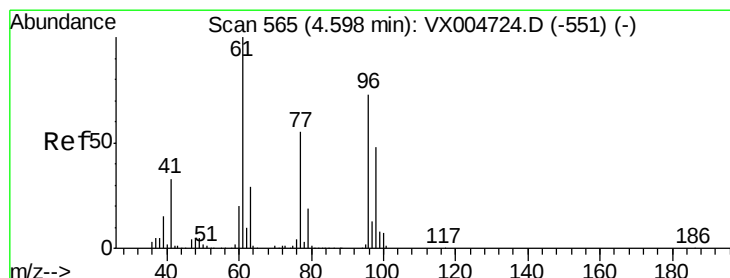
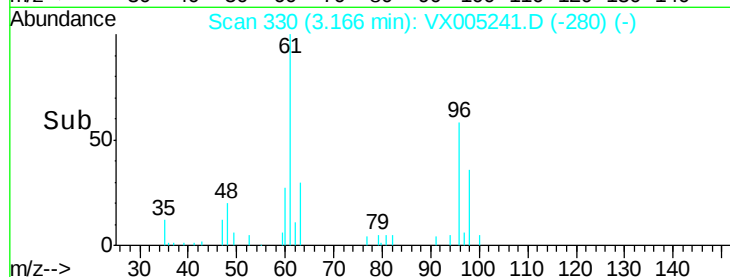
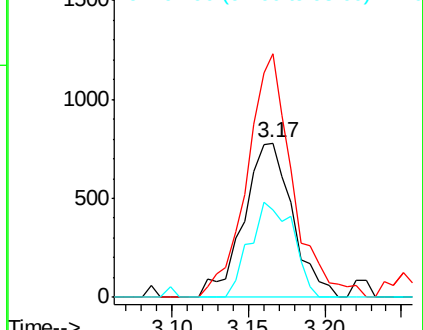
96 100

61 158.0 101.0 151.6#

98 56.9 47.2 70.8



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



#27

cis-1,2-Dichloroethene

Concen: 24.37 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005241.D

Acq: 11 Oct 2018 08:32

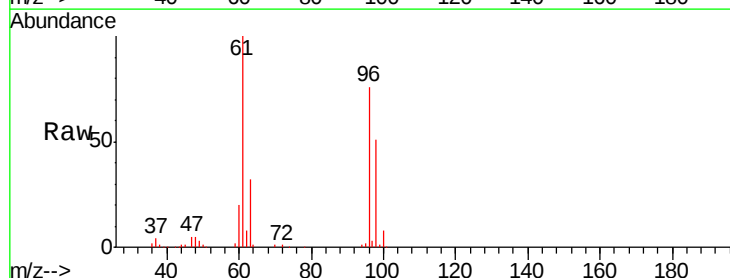
Tgt Ion: 96 Resp: 55789

Ion Ratio Lower Upper

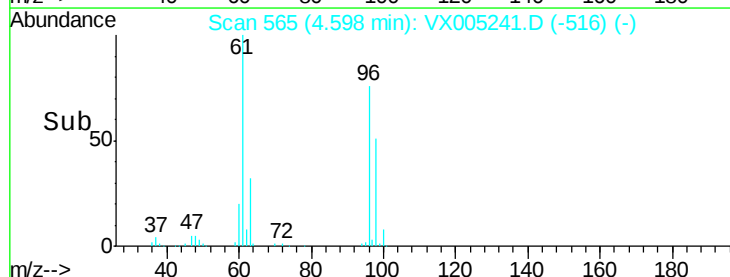
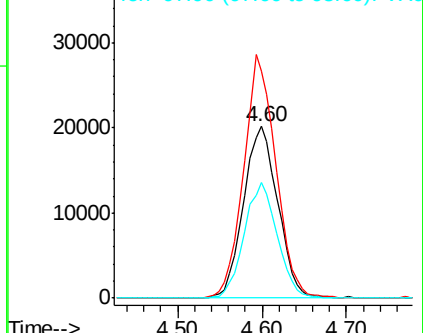
96 100

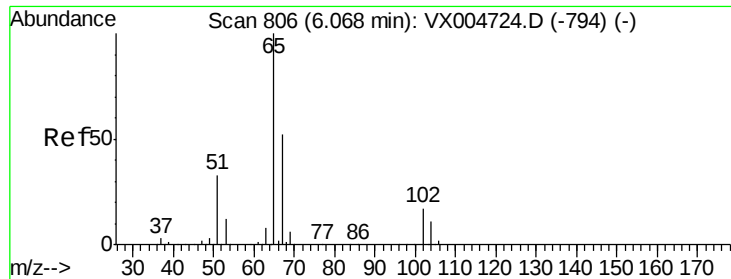
61 132.6 0.0 285.8

98 64.7 0.0 136.2



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





#33

1,2-Dichloroethane-d4

Concen: 53.62 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005241.D

Acq: 11 Oct 2018 08:32

Instrument :

MSVOA_X

ClientSampleId :

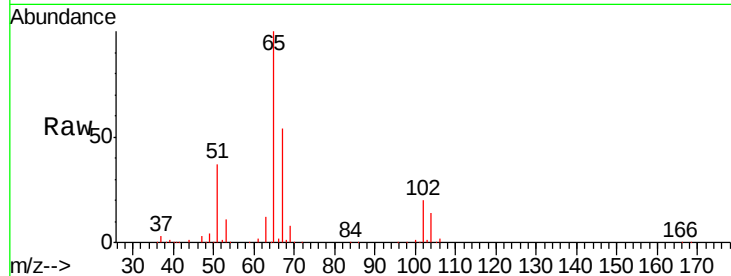
KY038PS035-181008

Tgt Ion: 65 Resp: 132363

Ion Ratio Lower Upper

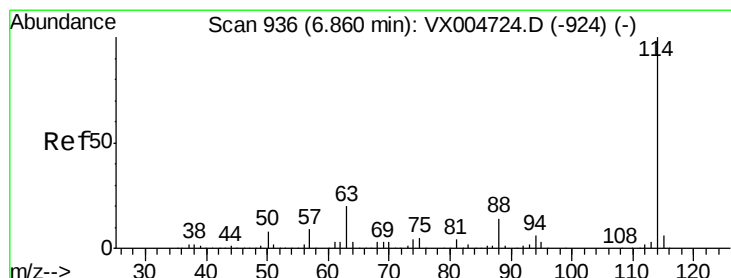
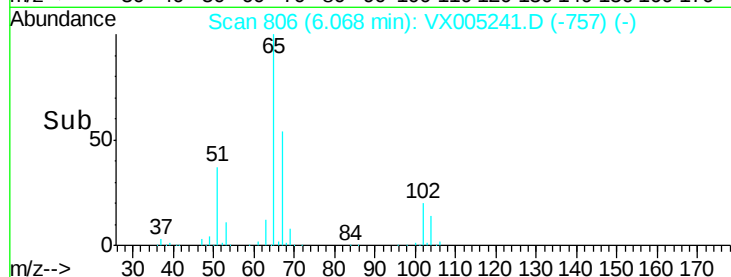
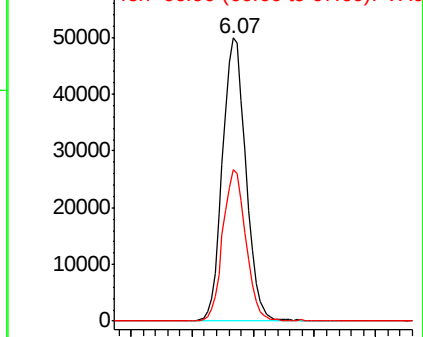
65 100

67 52.5 0.0 107.4



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# 936

Delta R.T. 0.00 min

Lab File: VX005241.D

Acq: 11 Oct 2018 08:32

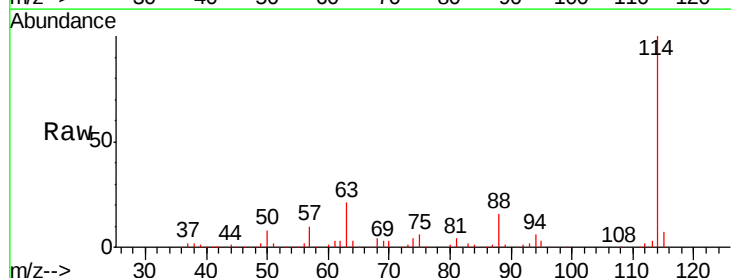
Tgt Ion: 114 Resp: 265054

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

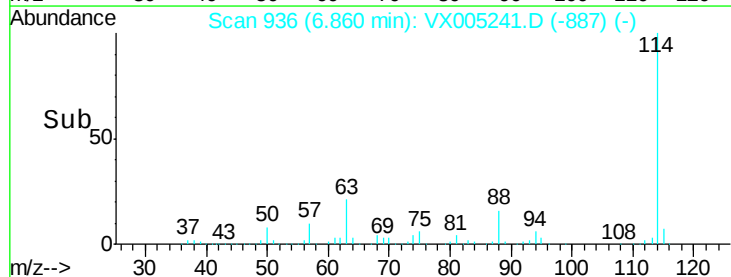
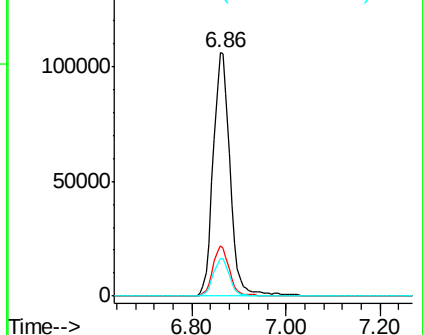
88 15.5 0.0 27.0

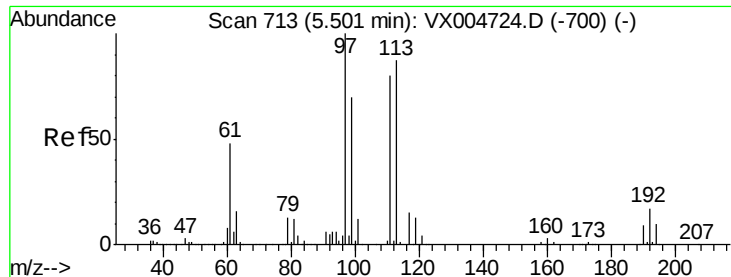


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.50 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005241.D

Acq: 11 Oct 2018 08:32

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-181008

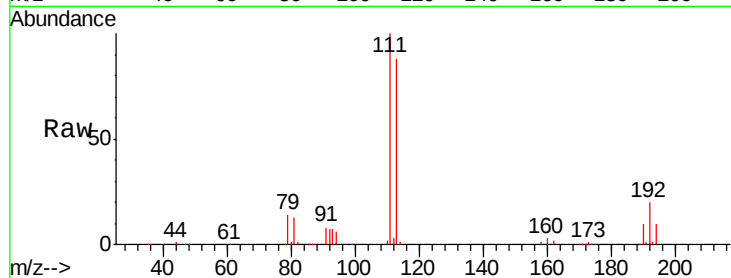
Tgt Ion:113 Resp: 113447

Ion Ratio Lower Upper

113 100

111 103.2 77.0 115.4

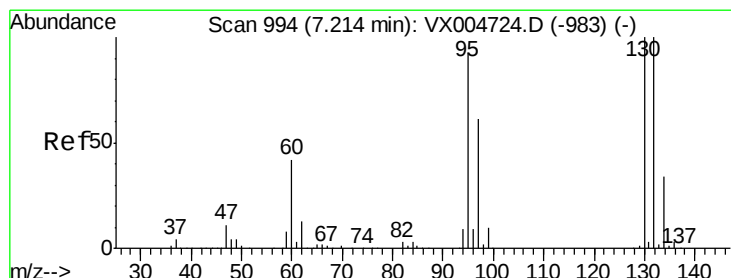
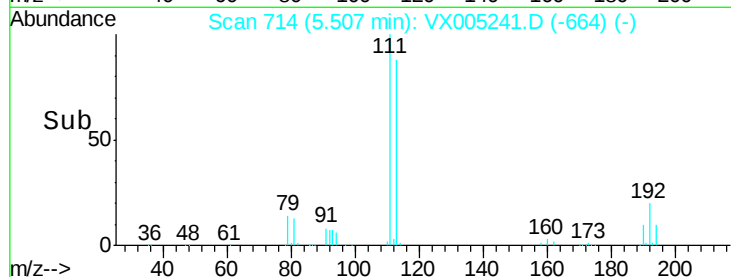
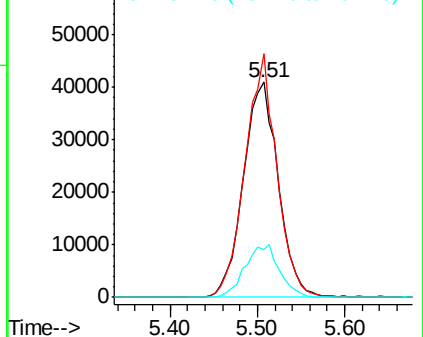
192 24.2 17.0 25.6



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: 2.71 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005241.D

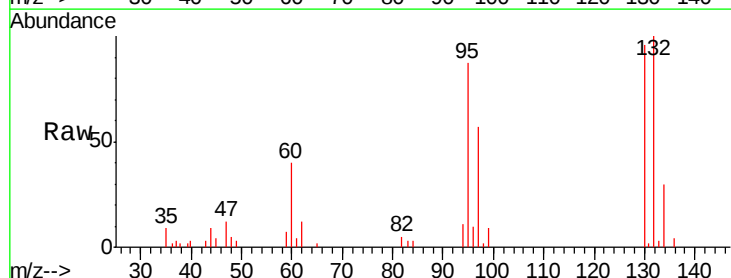
Acq: 11 Oct 2018 08:32

Tgt Ion:130 Resp: 6381

Ion Ratio Lower Upper

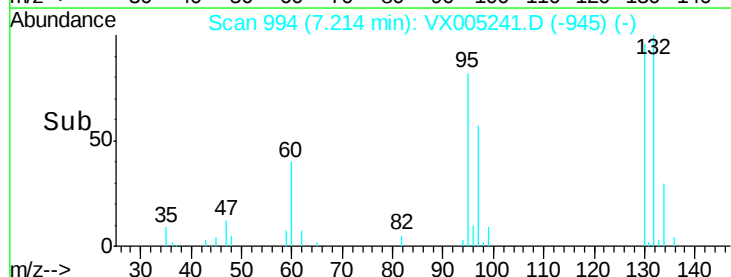
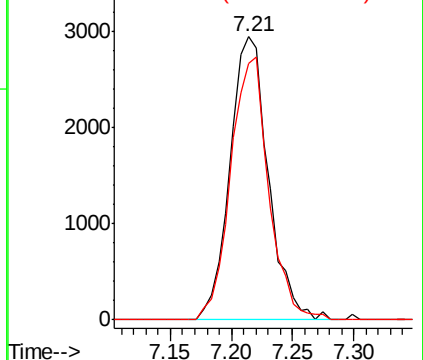
130 100

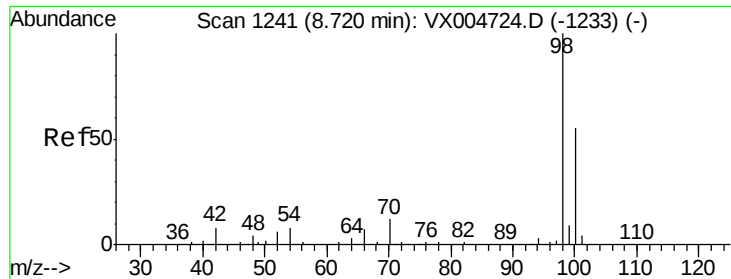
95 90.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.61 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005241.D

Acq: 11 Oct 2018 08:32

Instrument :

MSVOA_X

ClientSampleId :

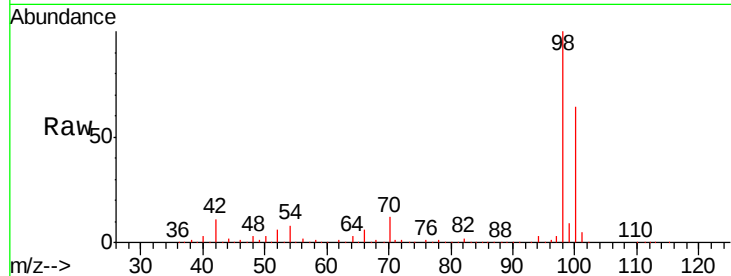
KY038PS035-181008

Tgt Ion: 98 Resp: 377953

Ion Ratio Lower Upper

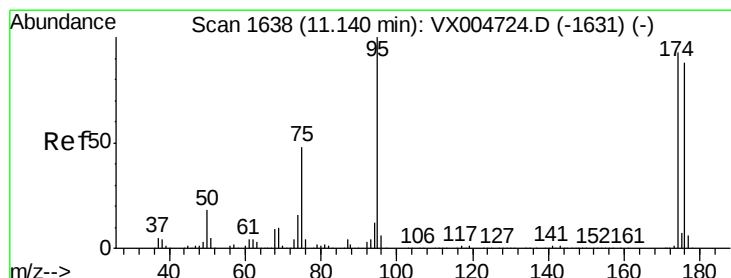
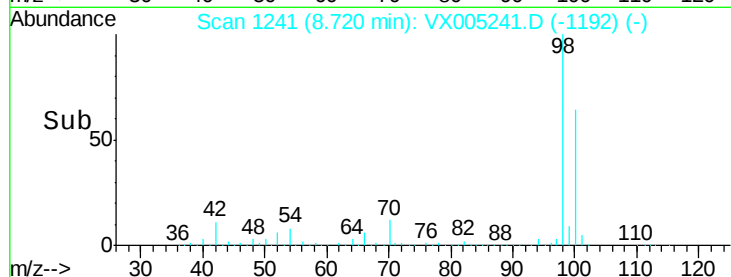
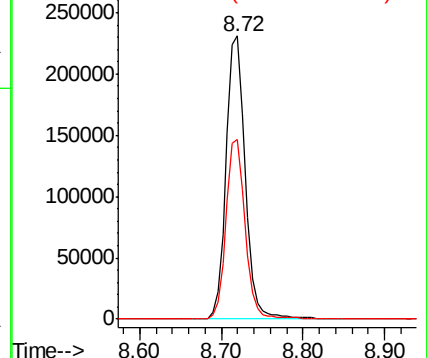
98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.69 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005241.D

Acq: 11 Oct 2018 08:32

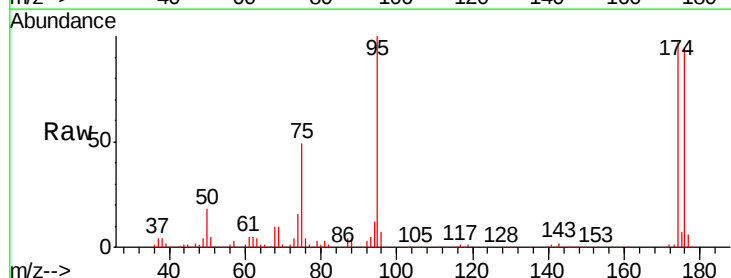
Tgt Ion: 95 Resp: 130986

Ion Ratio Lower Upper

95 100

174 95.8 0.0 185.0

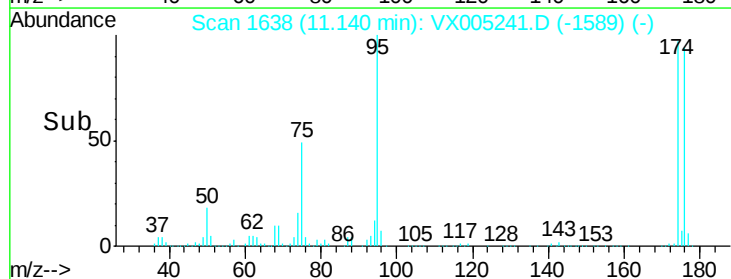
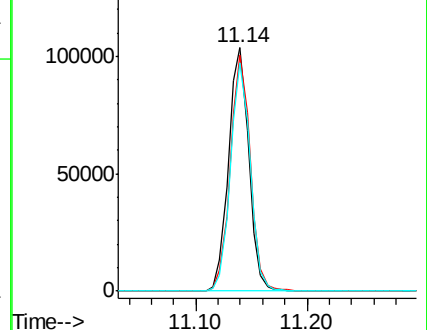
176 91.4 0.0 180.2

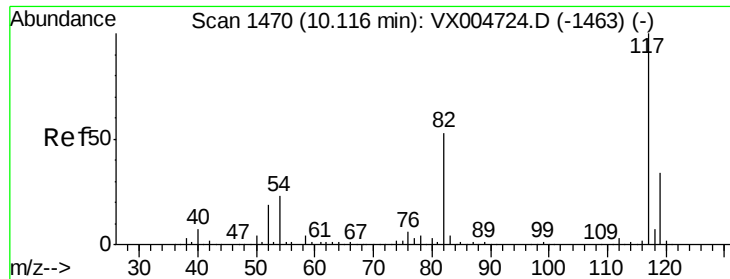


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

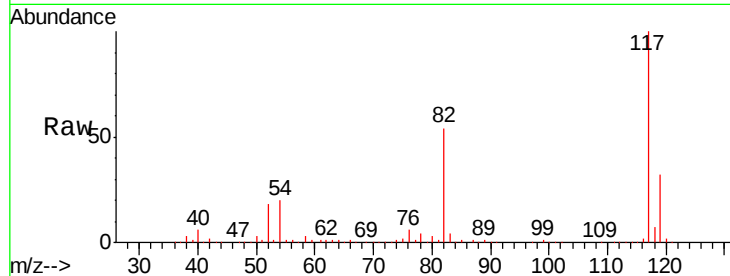




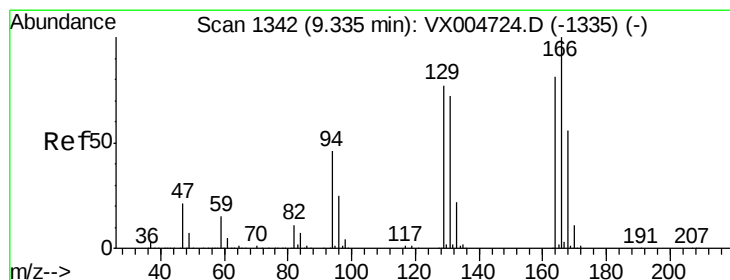
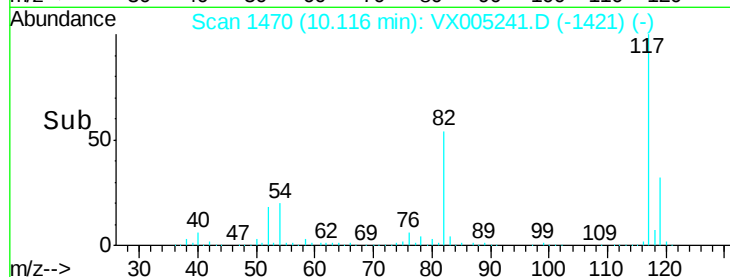
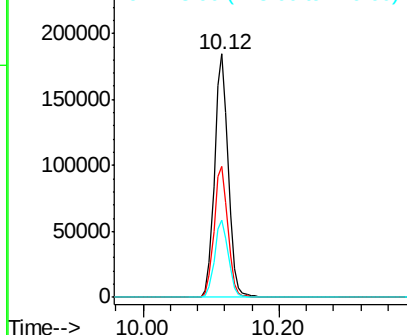
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005241.D
Acq: 11 Oct 2018 08:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS035-181008

Tgt Ion:117 Resp: 257880
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 31.7 27.4 41.0



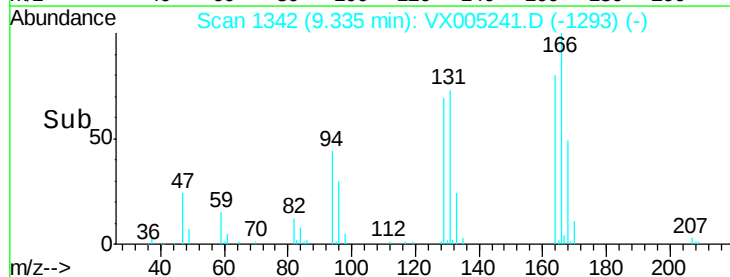
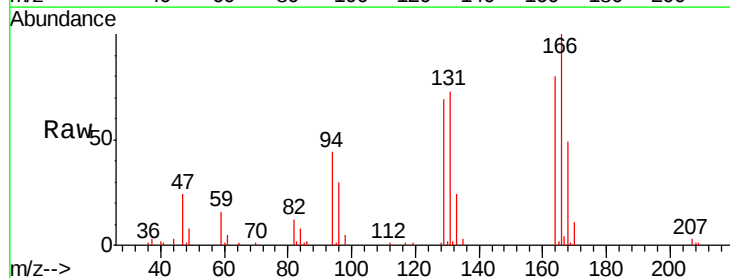
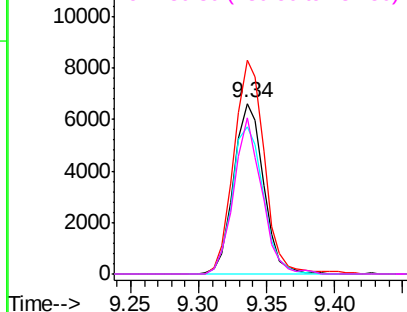
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

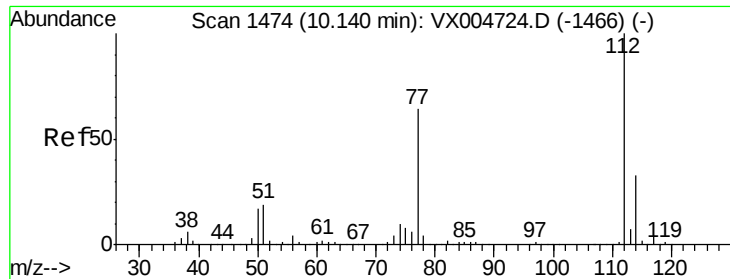


#64
Tetrachloroethene
Concen: 4.00 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005241.D
Acq: 11 Oct 2018 08:32

Tgt Ion:164 Resp: 10164
Ion Ratio Lower Upper
164 100
166 125.0 98.4 147.6
129 86.1 76.1 114.1
131 91.3 71.0 106.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

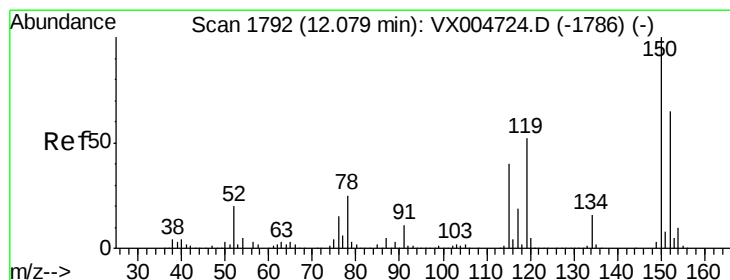
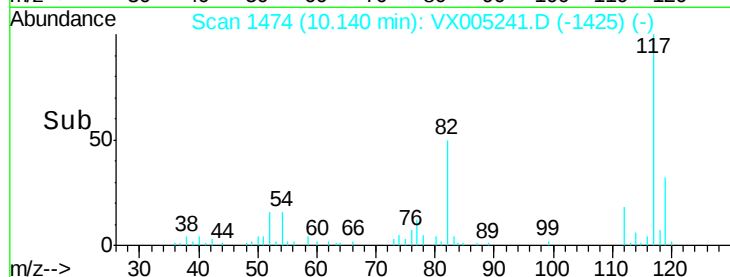
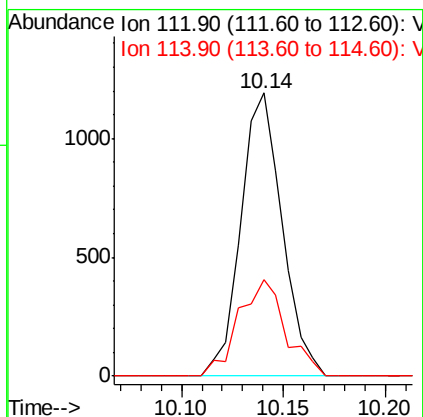
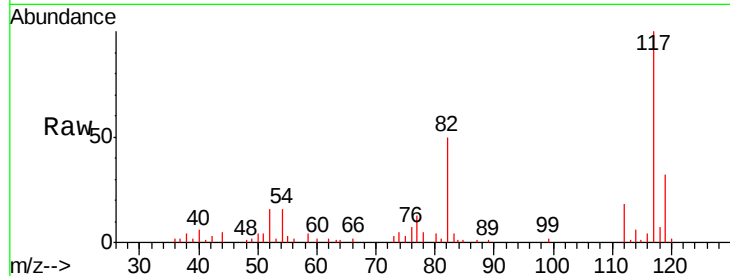




#65
Chlorobenzene
Concen: 0.25 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005241.D
Acq: 11 Oct 2018 08:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS035-181008

Tgt Ion:112 Resp: 1677
Ion Ratio Lower Upper
112 100
114 34.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005241.D
Acq: 11 Oct 2018 08:32

Tgt Ion:152 Resp: 138860
Ion Ratio Lower Upper
152 100
115 55.4 40.2 120.6
150 157.4 0.0 351.0

