

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001743.D
 Acq On : 15 May 2018 14:14
 Operator : JC/MD
 Sample : J2737-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-180503

Quant Time: May 16 04:56:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347940	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156616	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	189549	53.56	ug/l	0.00
Spiked Amount						
			Recovery	=	107.12%	
35) Dibromofluoromethane	5.51	113	156601	53.33	ug/l	0.00
Spiked Amount						
			Recovery	=	106.66%	
50) Toluene-d8	8.72	98	531055	50.50	ug/l	0.00
Spiked Amount						
			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	171741	45.36	ug/l	0.00
Spiked Amount						
			Recovery	=	90.72%	

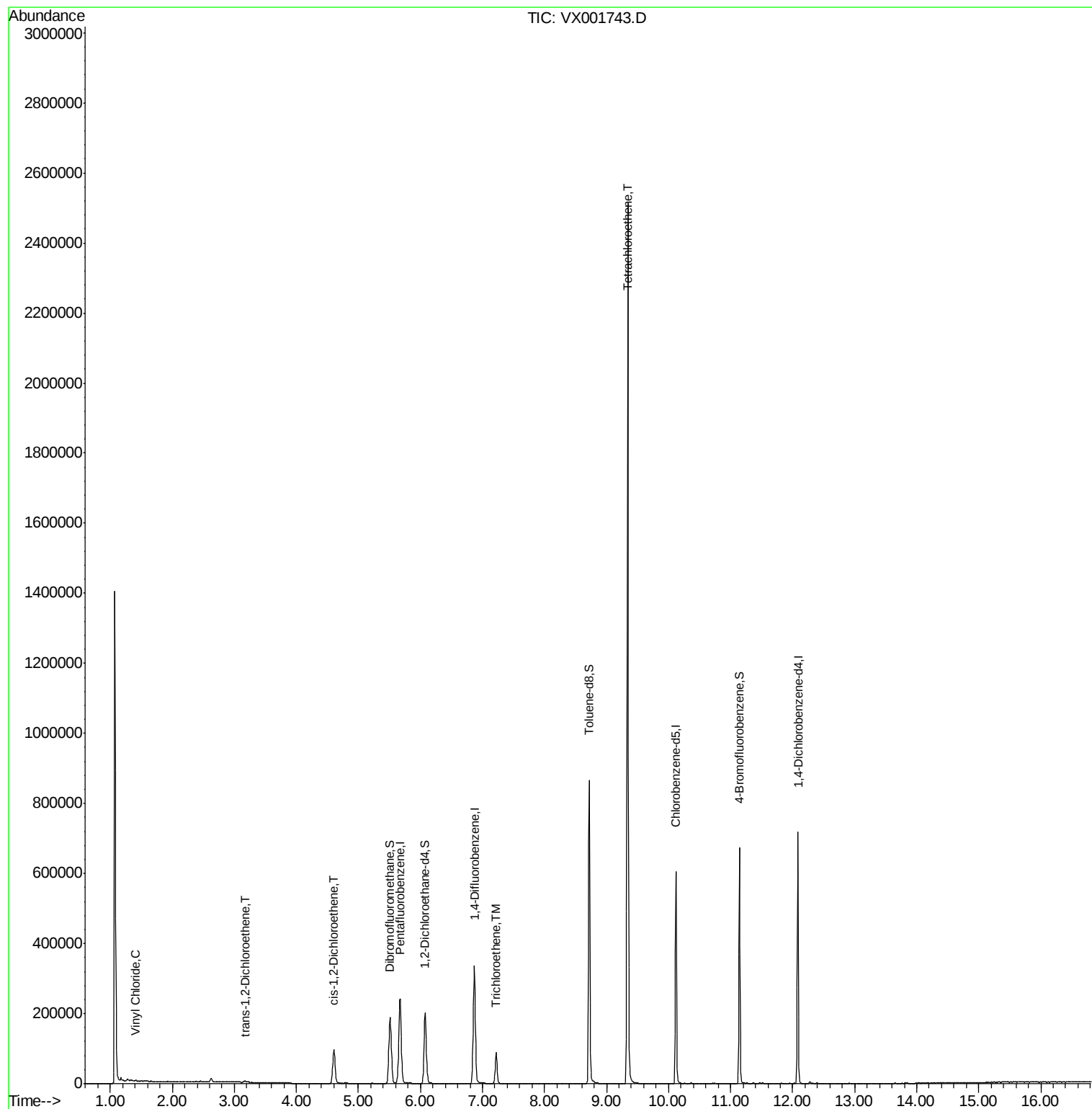
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	1137	0.37	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	1676	0.58	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	62199	19.01	ug/l	93
44) Trichloroethene	7.22	130	36825	10.05	ug/l	98
64) Tetrachloroethene	9.34	164	543463	140.35	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001743.D

Acq: 15 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

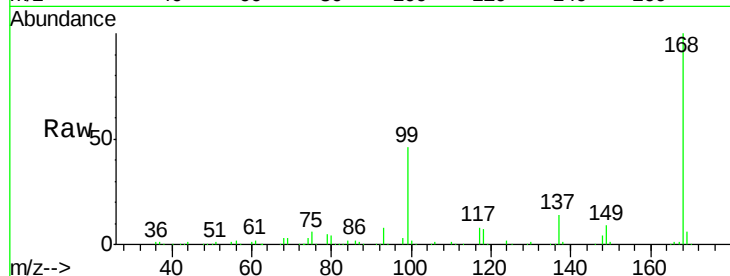
KY062MW139-180503

Tot Ion:168 Resp: 264034

Ion Ratio Lower Upper

168 100

99 45.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

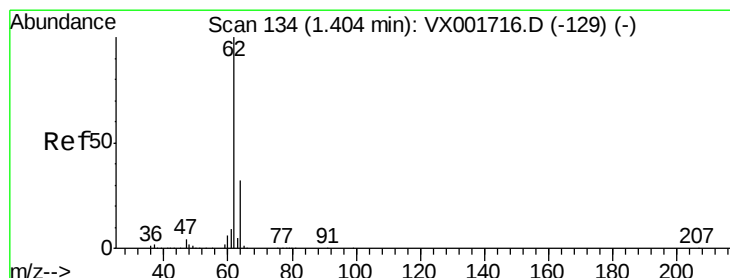
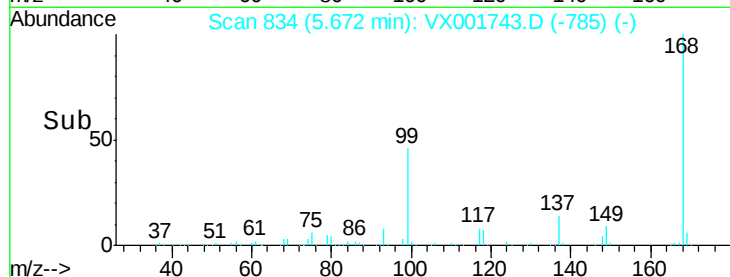
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#4

Vinyl Chloride

Concen: 0.37 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001743.D

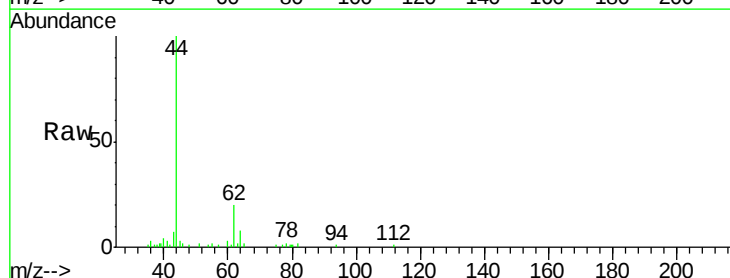
Acq: 15 May 2018 14:14

Tgt Ion: 62 Resp: 1137

Ion Ratio Lower Upper

62 100

64 37.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

1200

1000

800

600

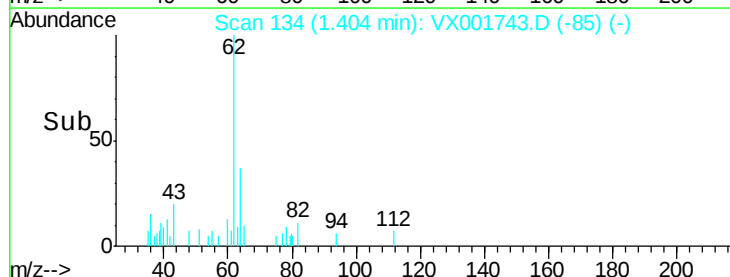
400

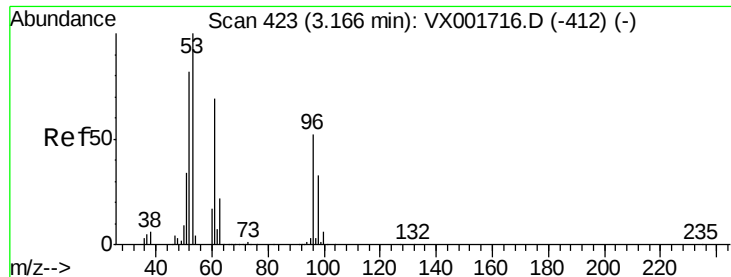
200

0

1.35 1.40 1.45

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.58 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001743.D

Acq: 15 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-180503

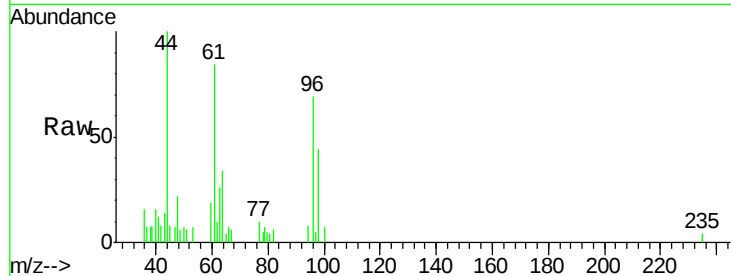
Tot Ion: 96 Resp: 1676

Ion Ratio Lower Upper

96 100

61 121.6 105.8 158.8

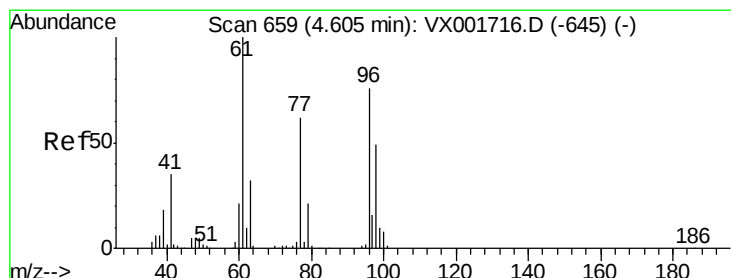
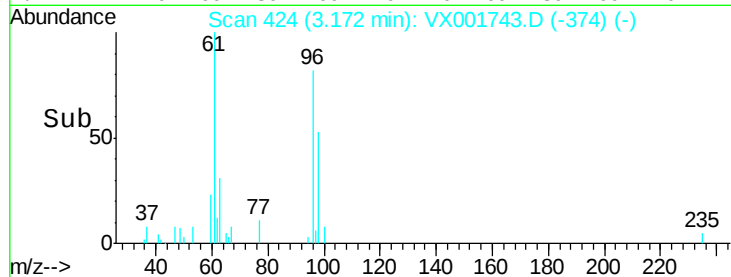
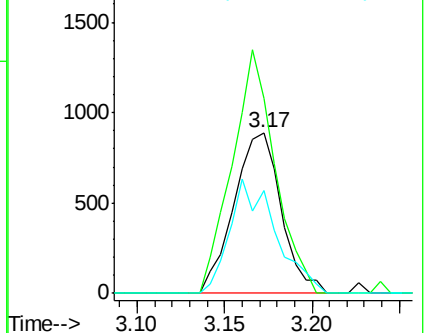
98 63.9 50.2 75.4



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: 19.01 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001743.D

Acq: 15 May 2018 14:14

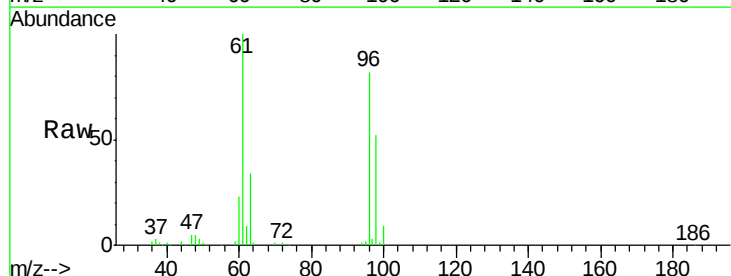
Tgt Ion: 96 Resp: 62199

Ion Ratio Lower Upper

96 100

61 128.3 0.0 280.4

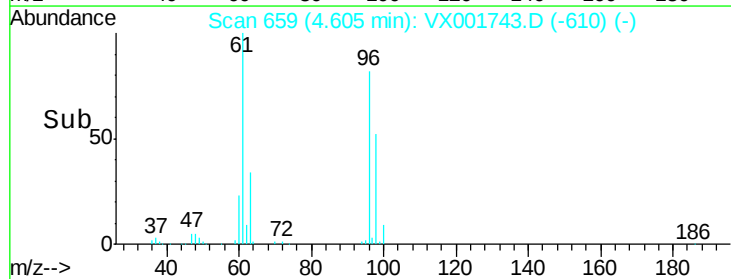
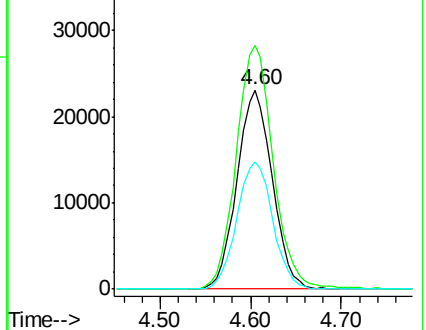
98 65.4 0.0 128.4

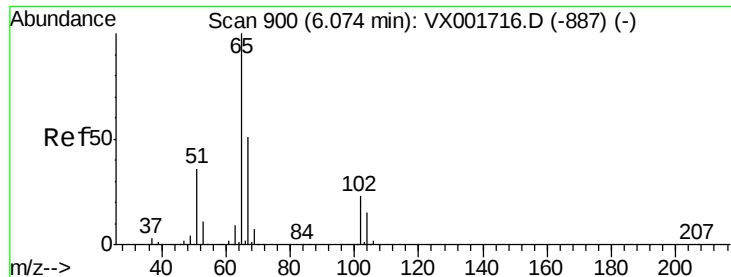


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.56 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001743.D

Acq: 15 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

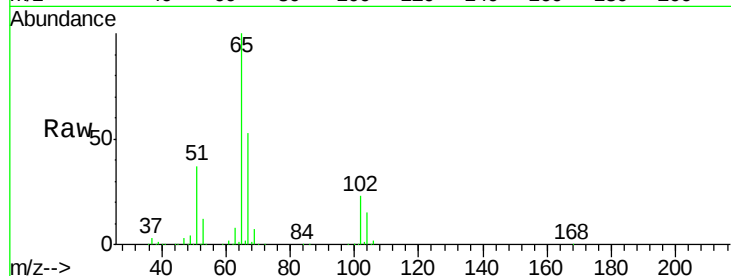
KY062MW139-180503

Tot Ion: 65 Resp: 189549

Ion Ratio Lower Upper

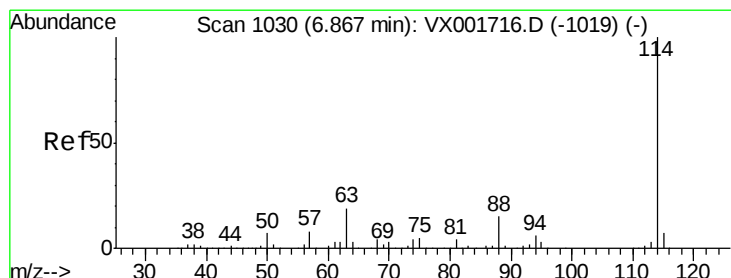
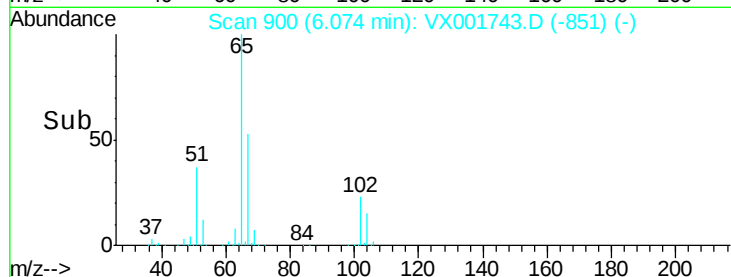
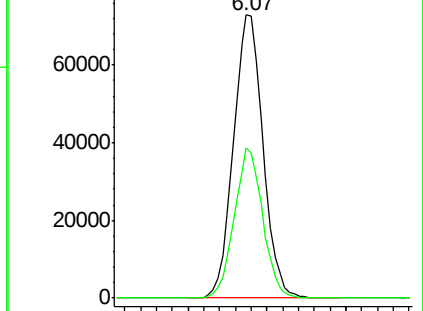
65 100

67 51.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX001716.D (-887) (-)

Ion 66.90 (66.60 to 67.60): VX001716.D (-887) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001743.D

Acq: 15 May 2018 14:14

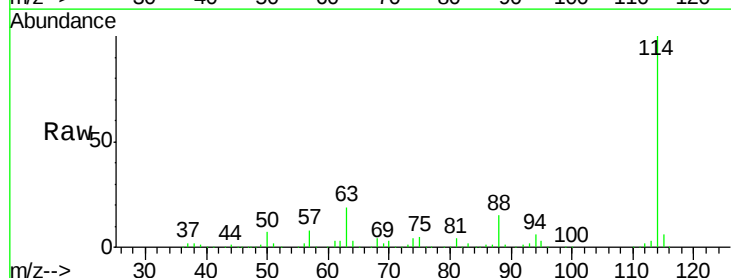
Tgt Ion: 114 Resp: 347940

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

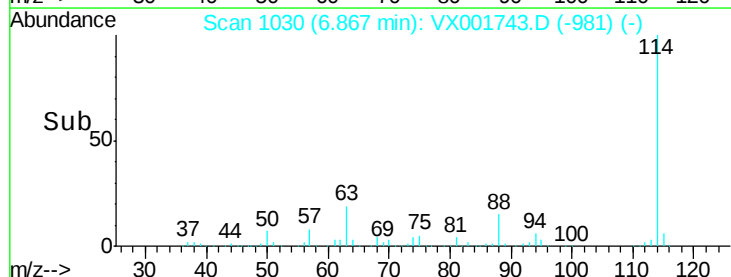
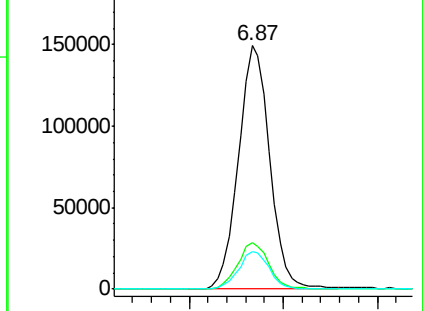
88 15.4 0.0 29.8

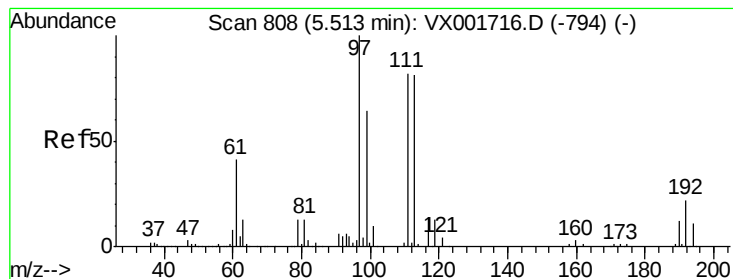


Abundance Ion 113.90 (113.60 to 114.60): VX001716.D (-1019) (-)

Ion 63.00 (62.70 to 63.70): VX001716.D (-1019) (-)

Ion 87.90 (87.60 to 88.60): VX001716.D (-1019) (-)





#35

Dibromofluoromethane

Concen: 53.33 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001743.D

Acq: 15 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-180503

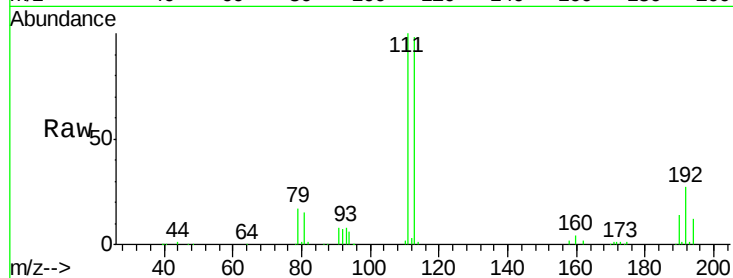
Tot Ion:113 Resp: 156601

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

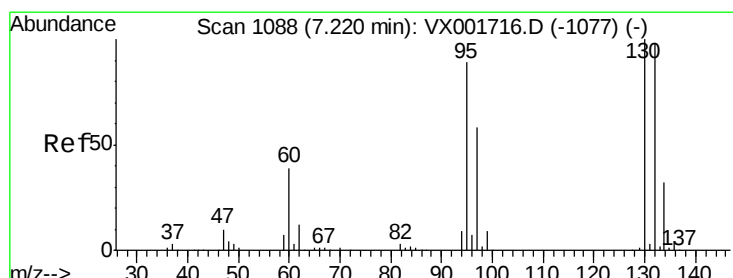
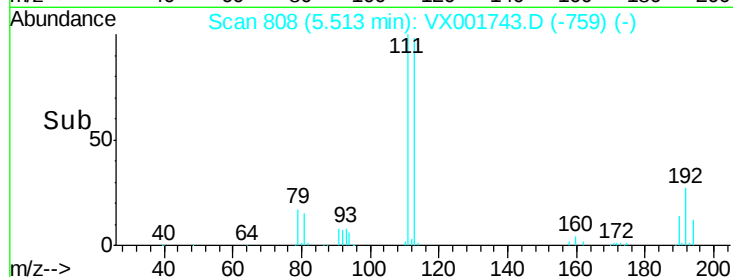
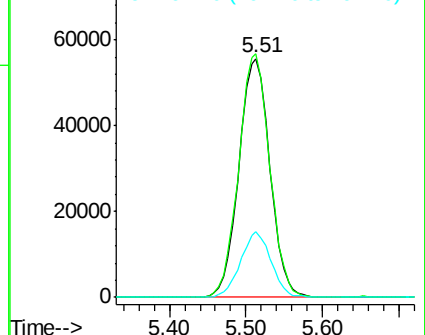
192 27.0 21.6 32.4



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: 10.05 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001743.D

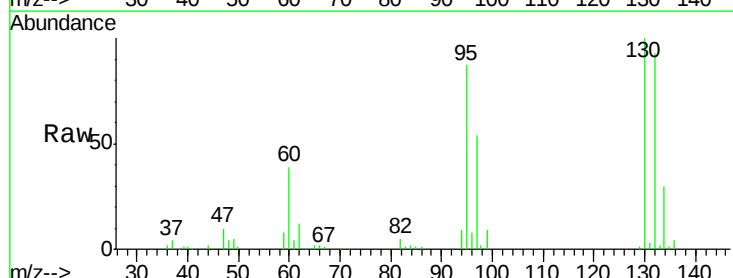
Acq: 15 May 2018 14:14

Tgt Ion:130 Resp: 36825

Ion Ratio Lower Upper

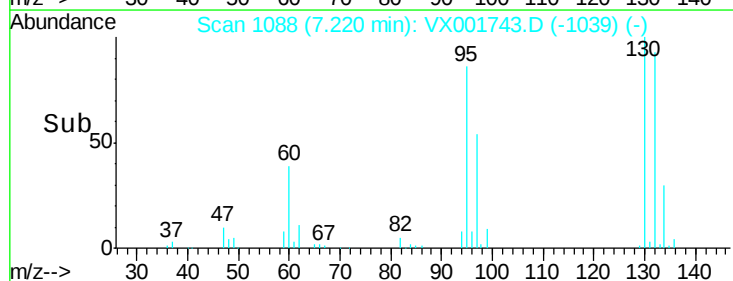
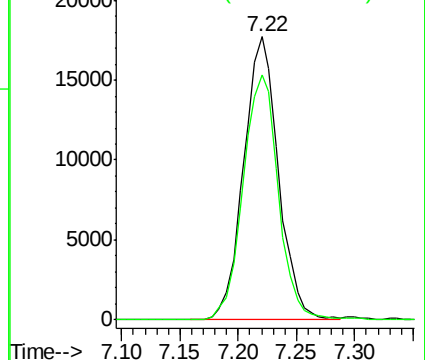
130 100

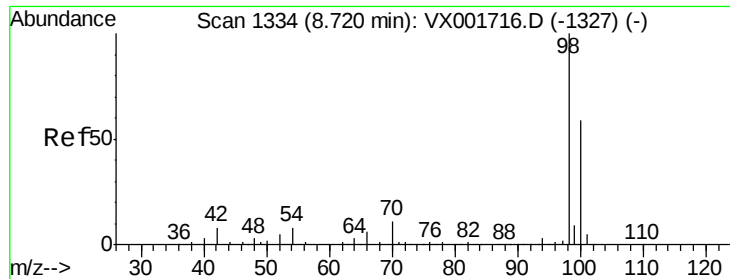
95 86.5 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.50 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001743.D

Acq: 15 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

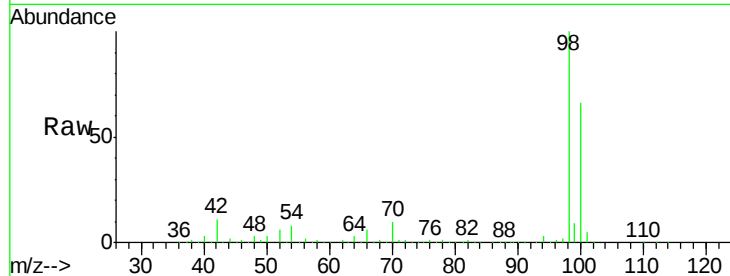
KY062MW139-180503

Tot Ion: 98 Resp: 531055

Ion Ratio Lower Upper

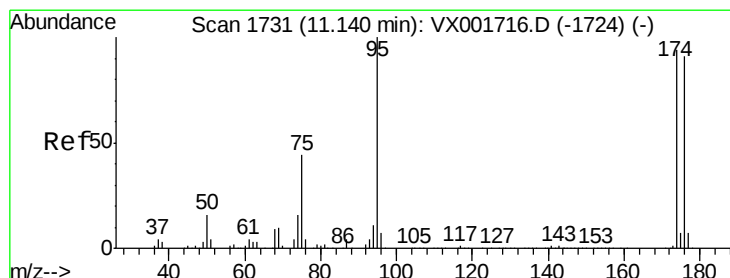
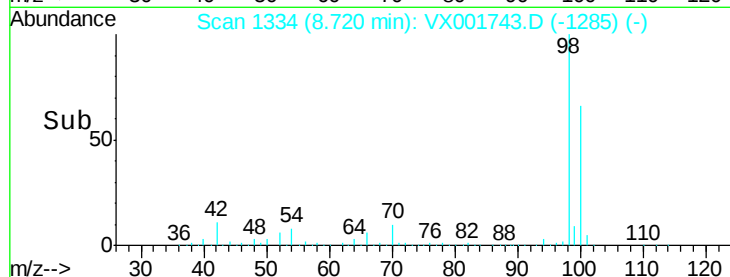
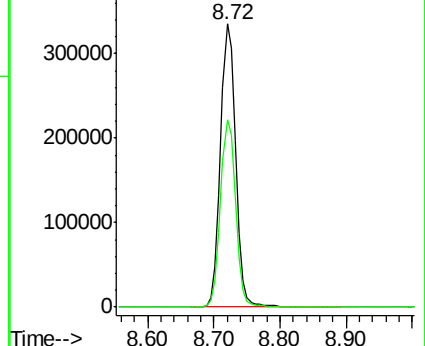
98 100

100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001743.D

Acq: 15 May 2018 14:14

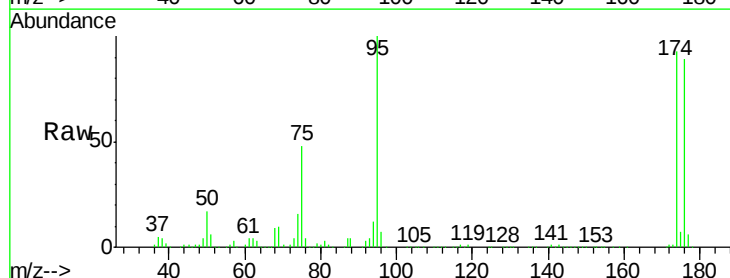
Tgt Ion: 95 Resp: 171741

Ion Ratio Lower Upper

95 100

174 102.3 0.0 201.8

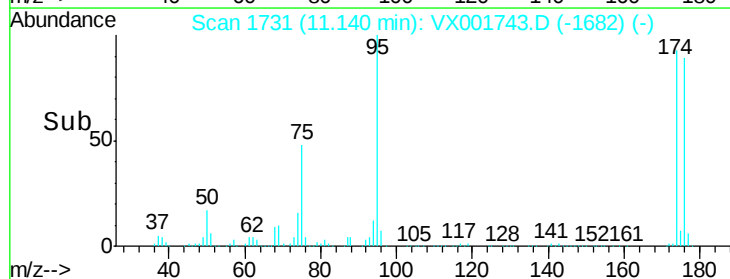
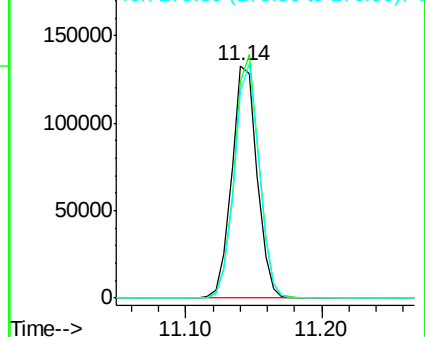
176 98.5 0.0 196.8

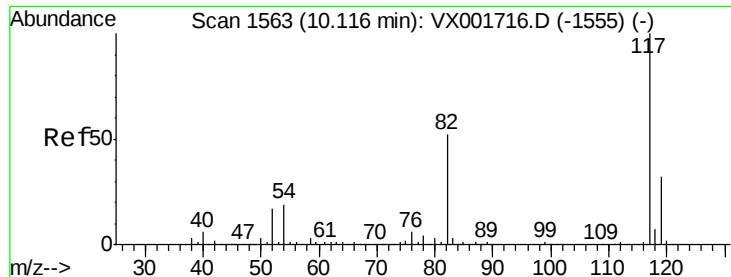


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

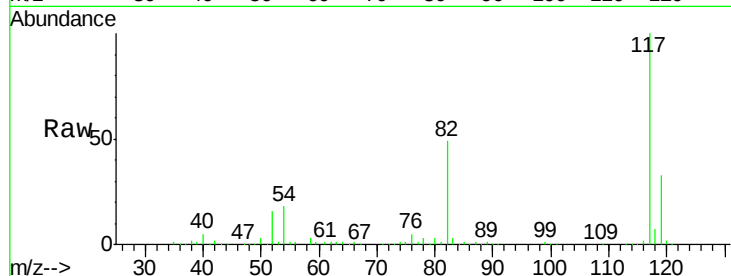




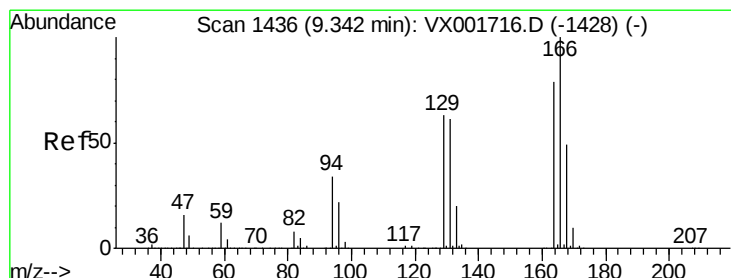
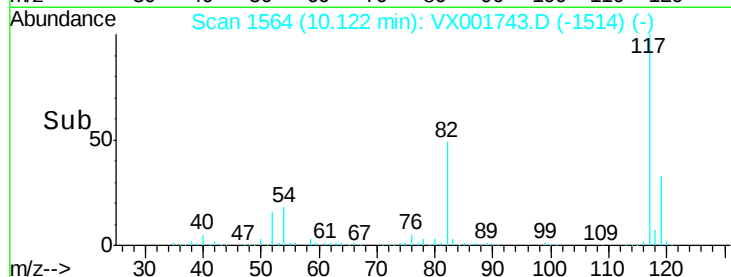
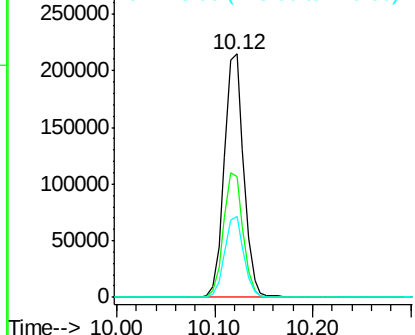
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001743.D
Acq: 15 May 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-180503

Tot Ion:117 Resp: 297450
Ion Ratio Lower Upper
117 100
82 49.4 41.4 62.2
119 33.3 25.6 38.4

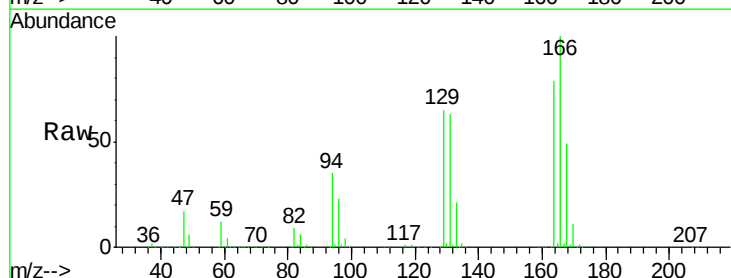


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

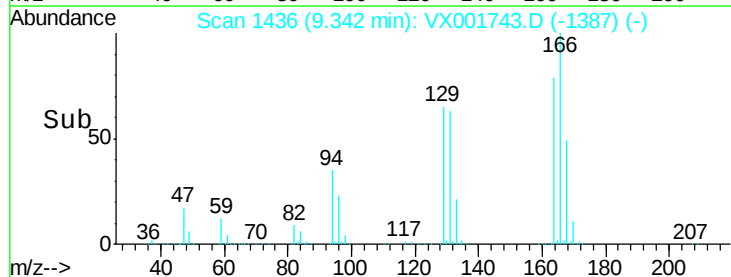
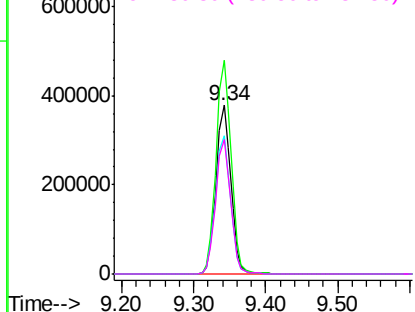


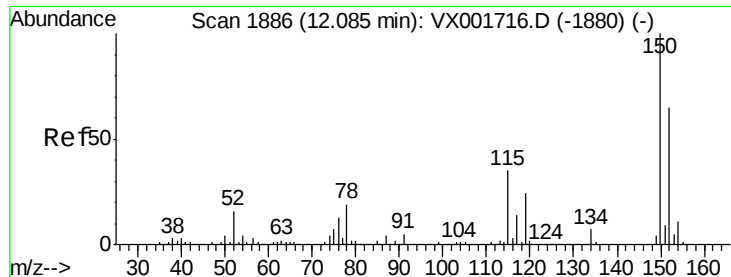
#64
Tetrachloroethene
Concen: 140.35 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001743.D
Acq: 15 May 2018 14:14

Tgt Ion:164 Resp: 543463
Ion Ratio Lower Upper
164 100
166 126.9 101.8 152.8
129 82.0 63.8 95.6
131 79.5 62.2 93.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001743.D

Acq: 15 May 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-180503

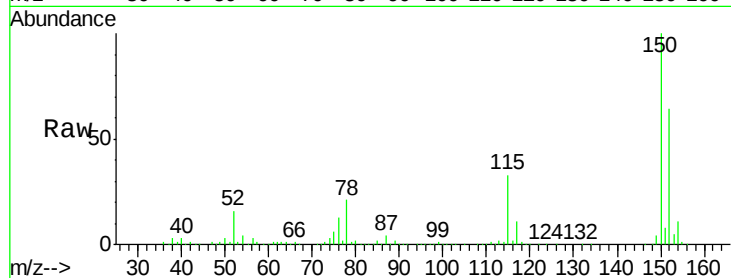
Tot Ion:152 Resp: 156616

Ion Ratio Lower Upper

152 100

115 51.8 37.4 112.2

150 156.3 0.0 344.8



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

