

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001831.D
 Acq On : 18 May 2018 17:34
 Operator : JC/MD
 Sample : J2853-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY074MW061-180507

Quant Time: May 19 04:14:23 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	316061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	446363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193522	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	235941	55.69	ug/l	0.00
Spiked Amount			Recovery	=	111.38%	
35) Dibromofluoromethane	5.51	113	201106	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	
50) Toluene-d8	8.72	98	719237	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	11.14	95	209382	43.10	ug/l	0.00
Spiked Amount			Recovery	=	86.20%	

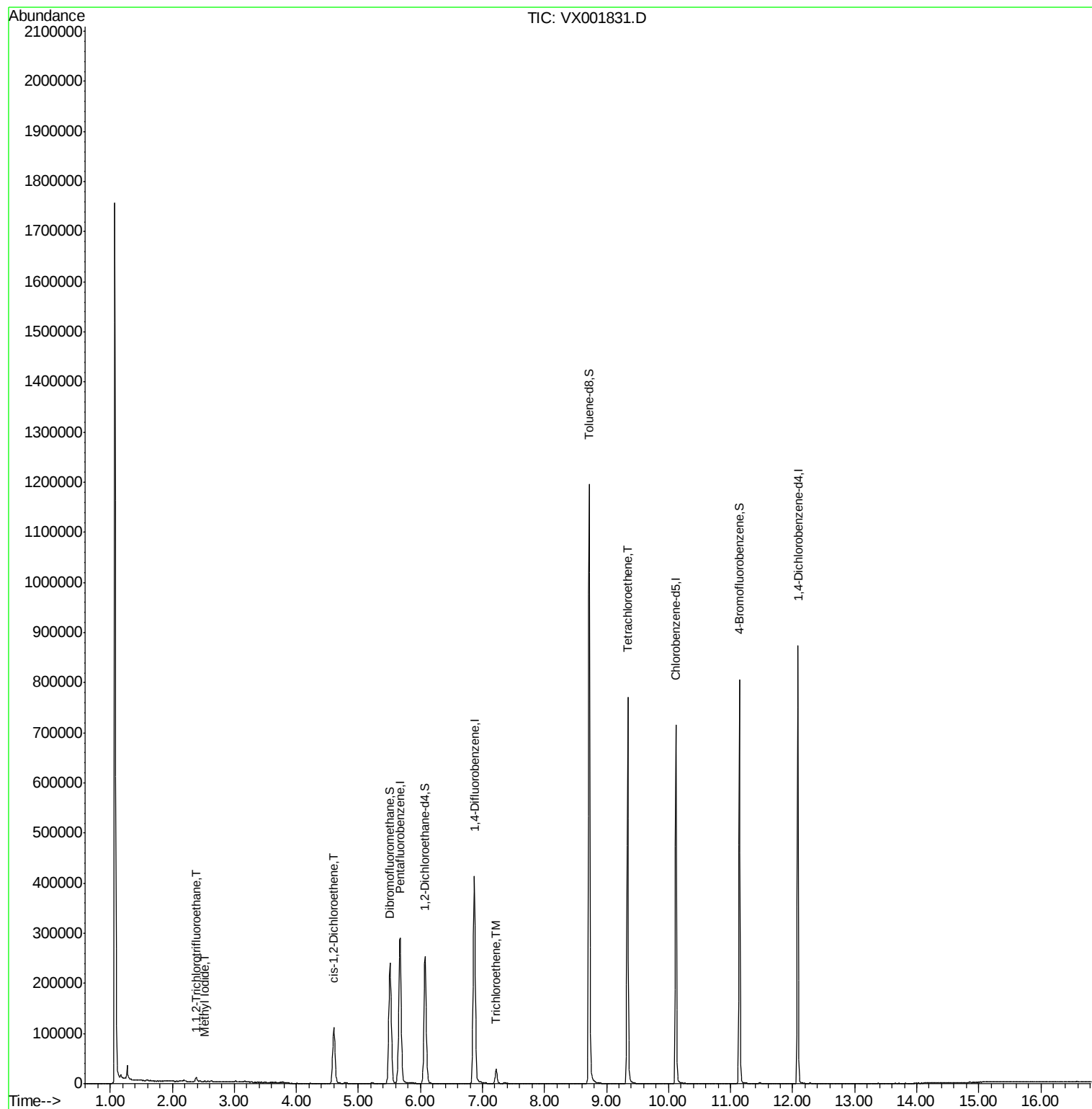
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3143	0.97	ug/l	96
10) Methyl Iodide	2.52	142	986	0.33	ug/l	# 90
27) cis-1,2-Dichloroethene	4.60	96	73463	18.76	ug/l	91
44) Trichloroethene	7.22	130	12107	2.58	ug/l	94
64) Tetrachloroethene	9.34	164	175050	37.75	ug/l	100

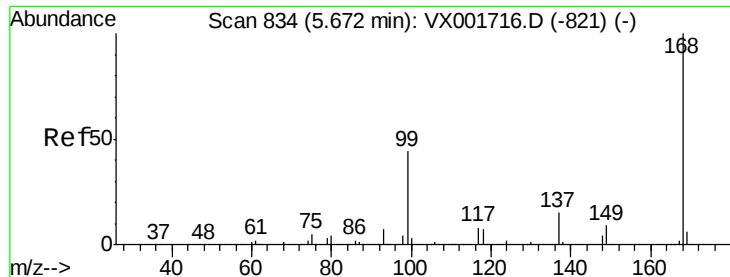
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001831.D

Acq: 18 May 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

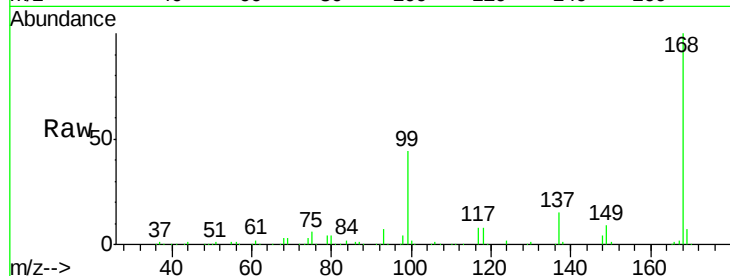
KY074MW061-180507

Tot Ion:168 Resp: 316061

Ion Ratio Lower Upper

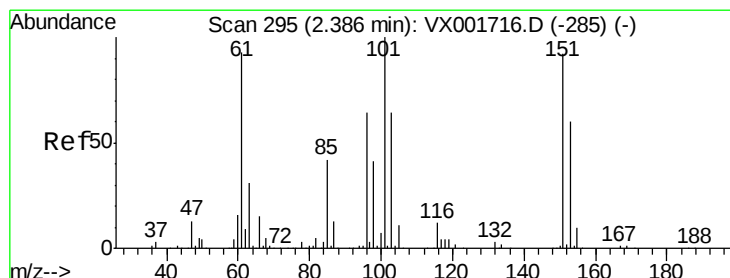
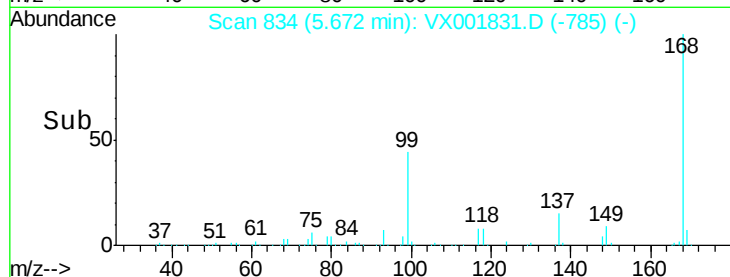
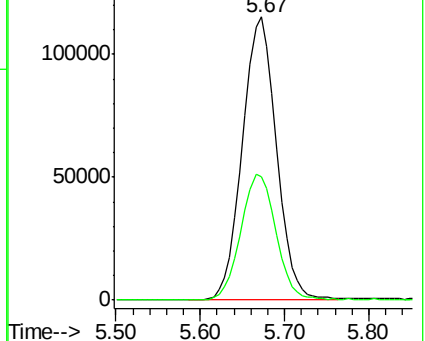
168 100

99 43.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.97 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001831.D

Acq: 18 May 2018 17:34

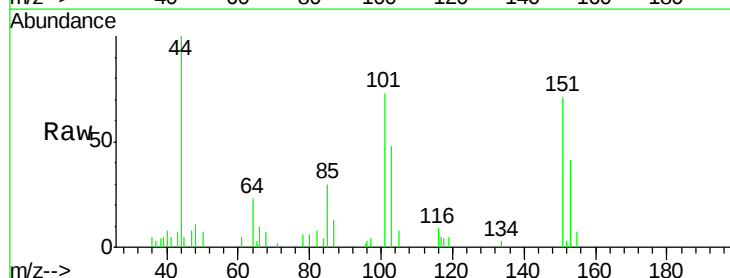
Tgt Ion:101 Resp: 3143

Ion Ratio Lower Upper

101 100

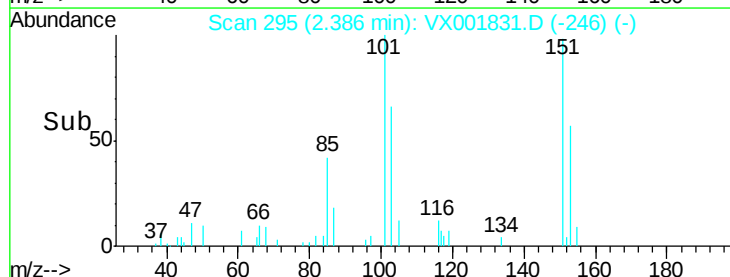
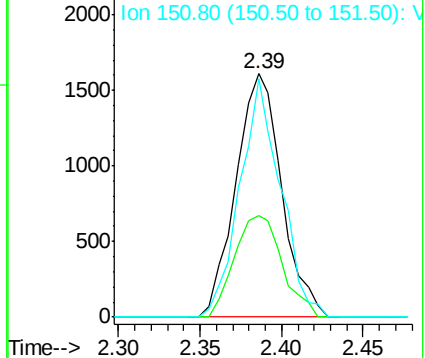
85 43.5 33.7 50.5

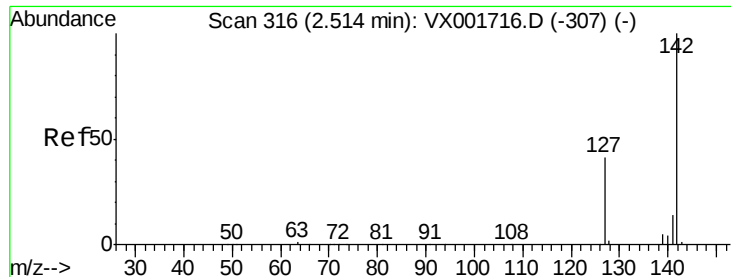
151 86.9 73.0 109.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

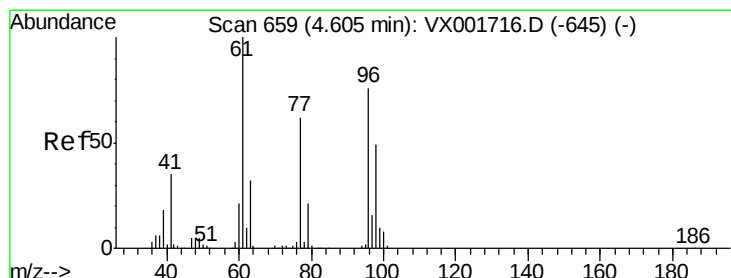
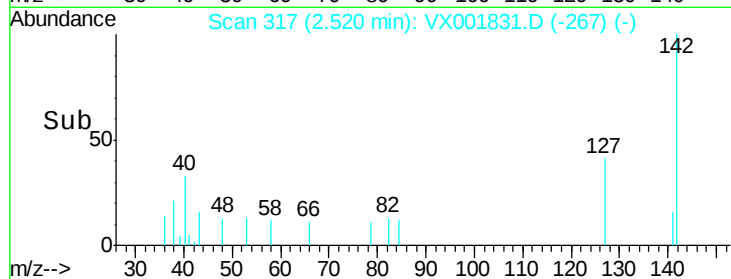
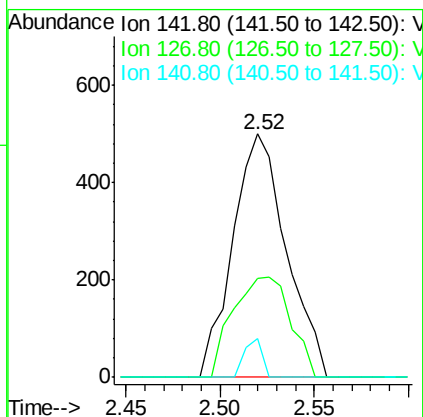
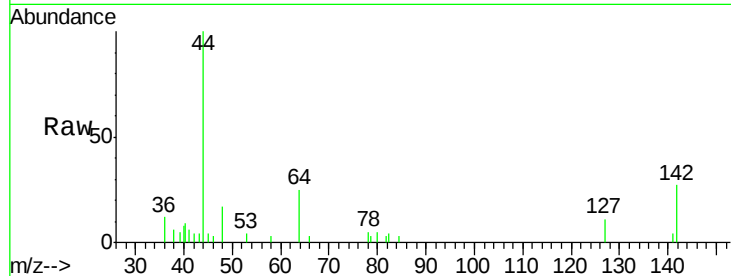




#10
Methyl Iodide
Concen: 0.33 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001831.D
Acq: 18 May 2018 17:34

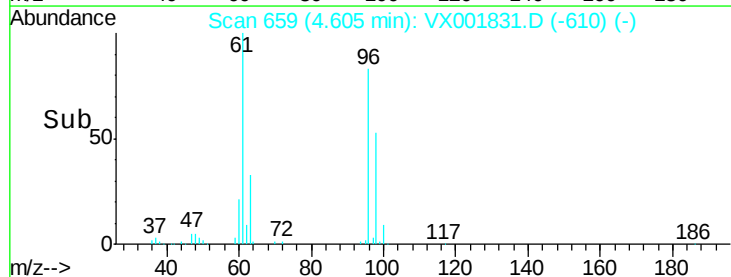
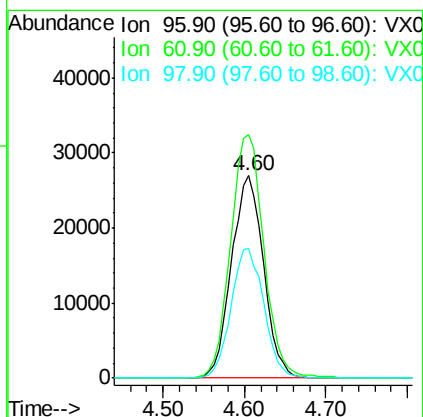
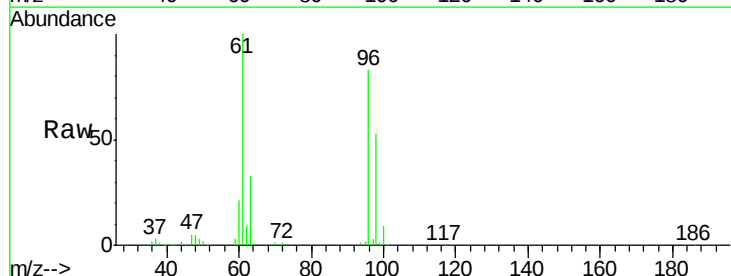
Instrument :
MSVOA_X
ClientSampleId :
KY074MW061-180507

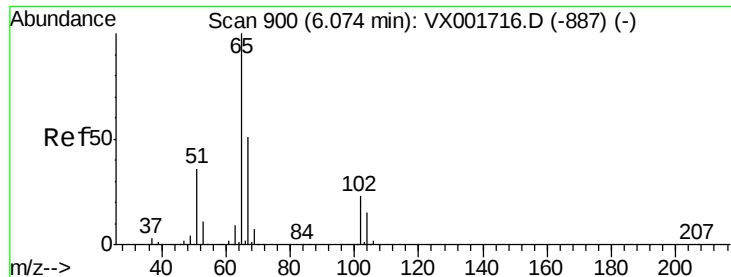
Tot Ion:142 Resp: 986
Ion Ratio Lower Upper
142 100
127 44.2 32.5 48.7
141 5.3 11.4 17.0#



#27
cis-1,2-Dichloroethene
Concen: 18.76 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001831.D
Acq: 18 May 2018 17:34

Tgt Ion: 96 Resp: 73463
Ion Ratio Lower Upper
96 100
61 125.0 0.0 280.4
98 65.2 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 55.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001831.D

Acq: 18 May 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

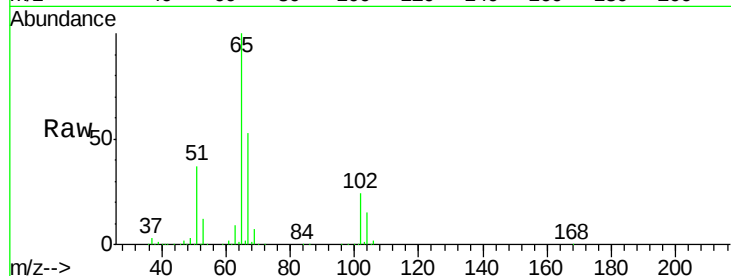
KY074MW061-180507

Tot Ion: 65 Resp: 235941

Ion Ratio Lower Upper

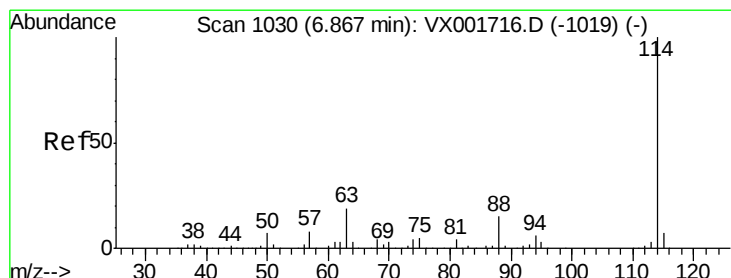
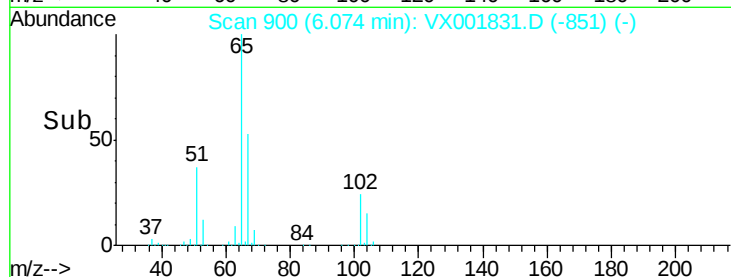
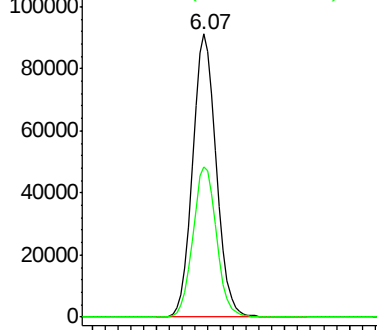
65 100

67 53.1 0.0 102.8



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001831.D

Acq: 18 May 2018 17:34

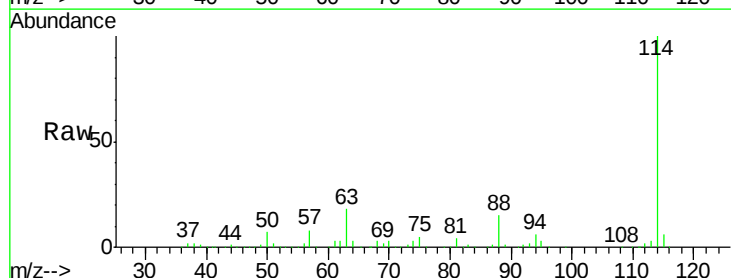
Tgt Ion: 114 Resp: 446363

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

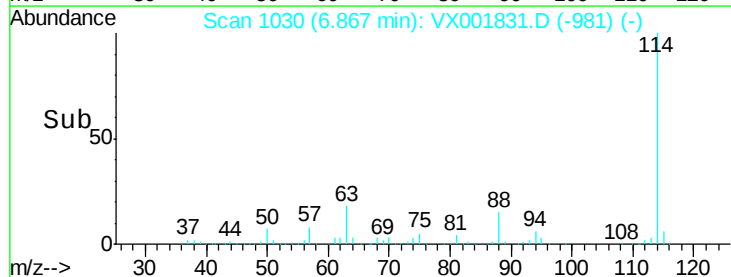
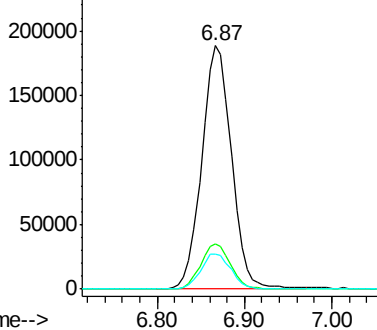
88 14.5 0.0 29.8

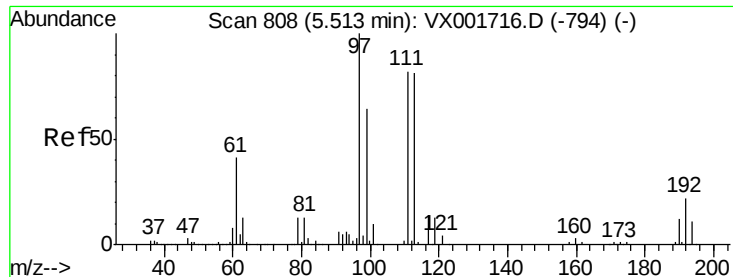


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

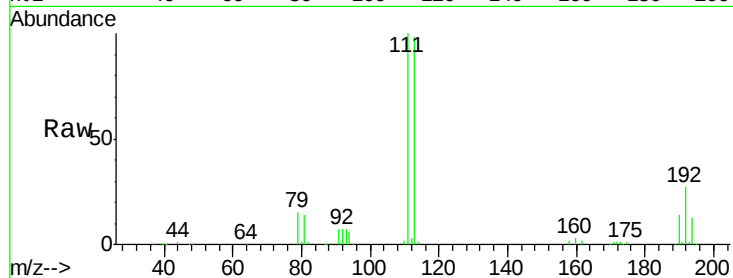




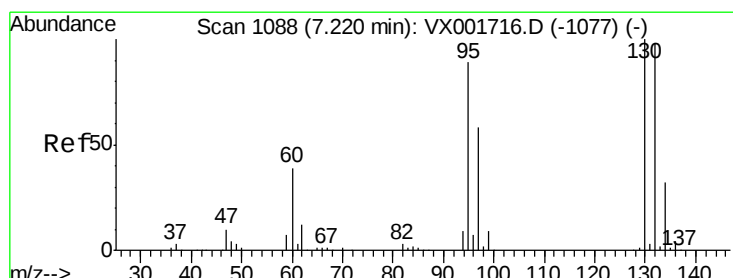
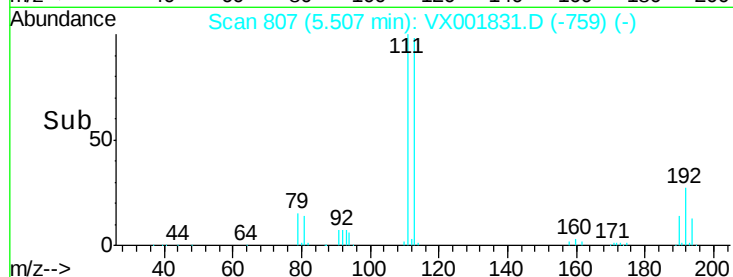
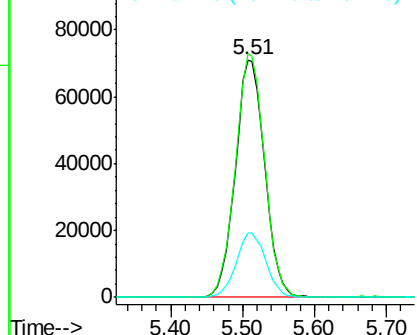
#35
 Dibromofluoromethane
 Concen: 53.39 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001831.D
 Acq: 18 May 2018 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 KY074MW061-180507

Tot Ion:113 Resp: 201106
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 27.4 21.6 32.4

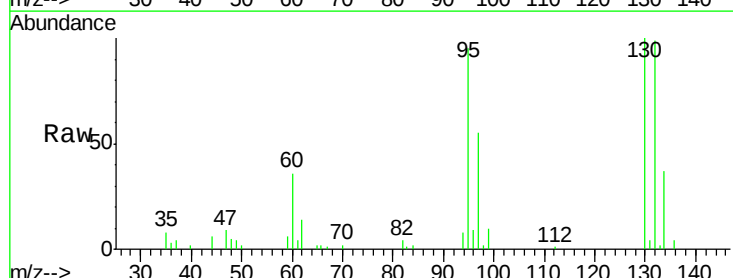


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

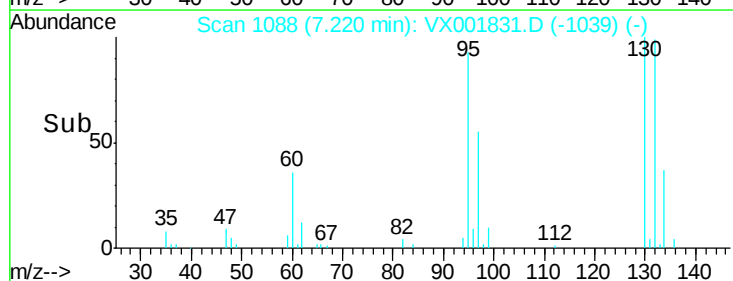
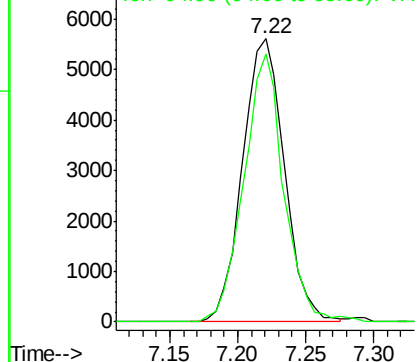


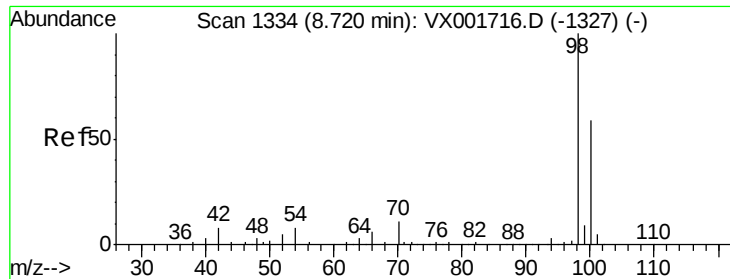
#44
 Trichloroethene
 Concen: 2.58 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001831.D
 Acq: 18 May 2018 17:34

Tgt Ion:130 Resp: 12107
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 53.31 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001831.D

Acq: 18 May 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

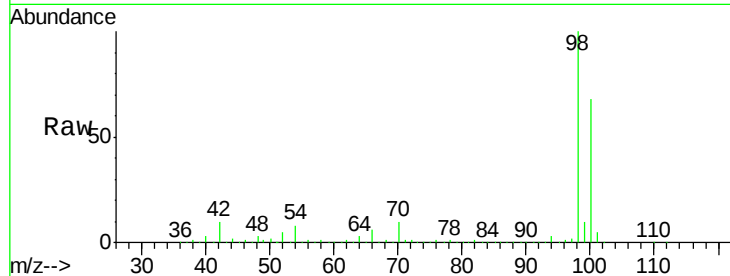
KY074MW061-180507

Tot Ion: 98 Resp: 719237

Ion Ratio Lower Upper

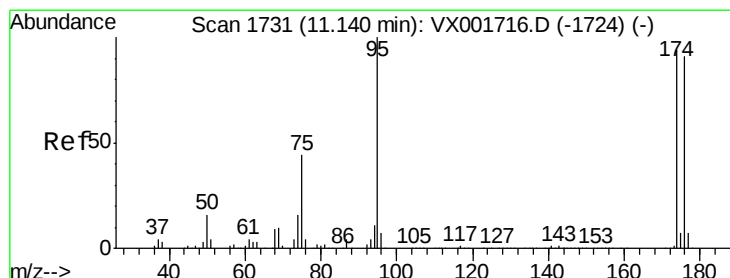
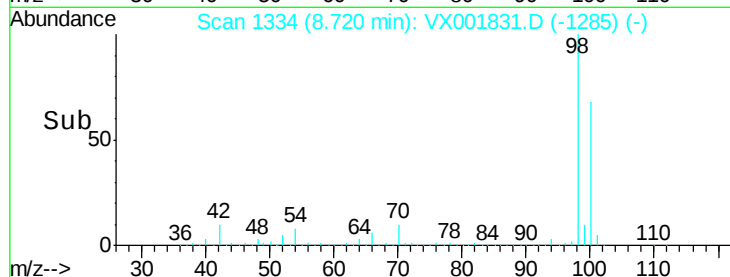
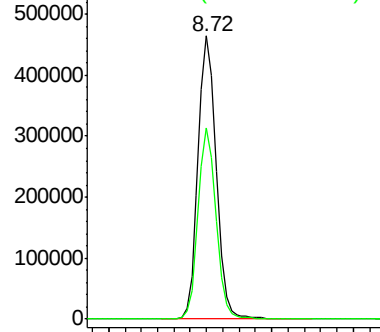
98 100

100 66.8 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: 43.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001831.D

Acq: 18 May 2018 17:34

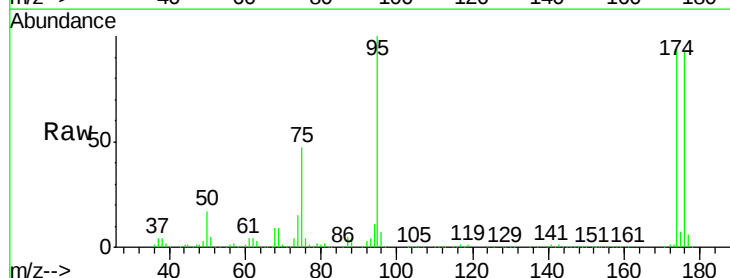
Tgt Ion: 95 Resp: 209382

Ion Ratio Lower Upper

95 100

174 103.1 0.0 201.8

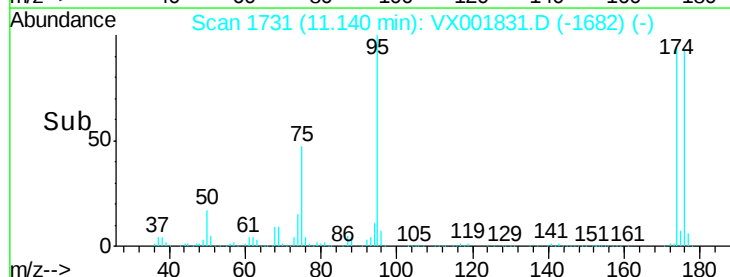
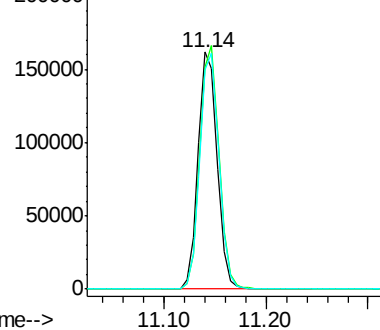
176 100.0 0.0 196.8

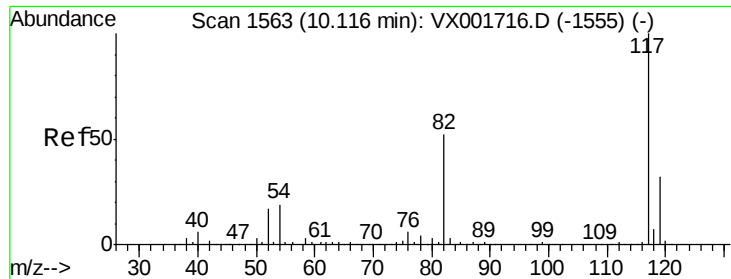


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

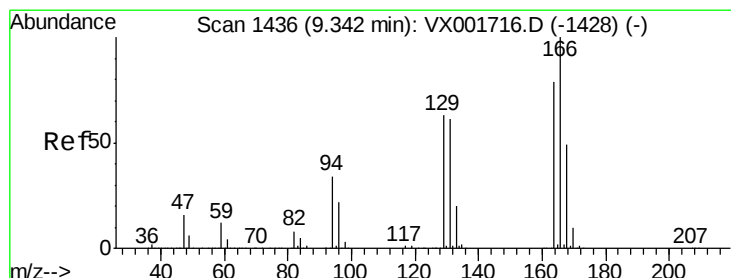
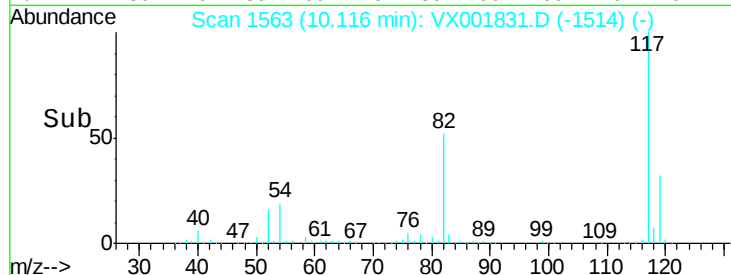
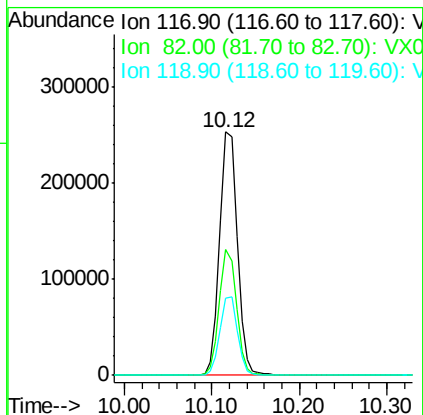
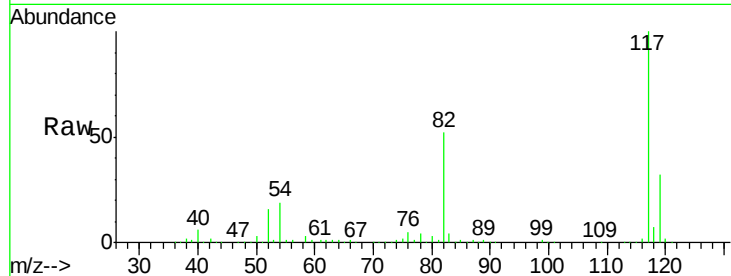




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001831.D
Acq: 18 May 2018 17:34

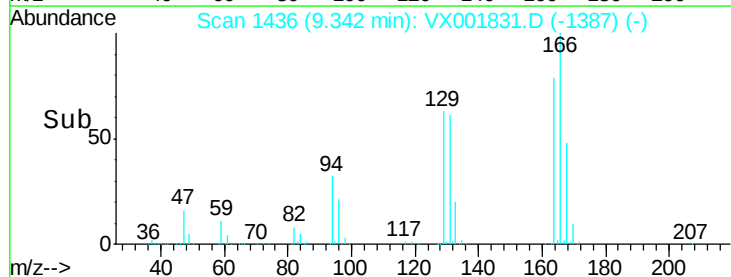
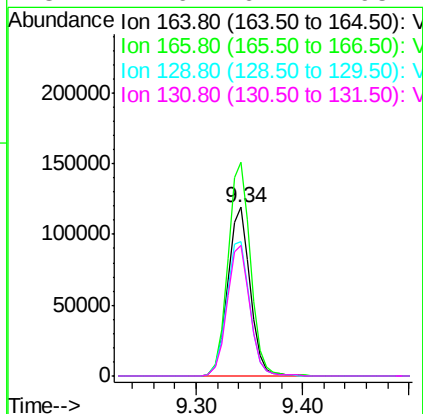
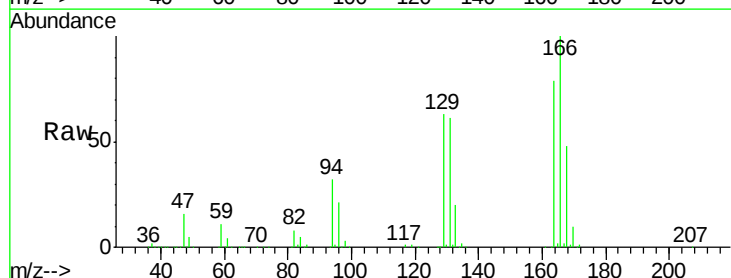
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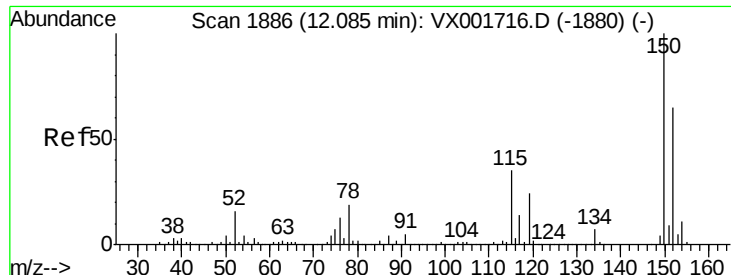
Tot Ion:117 Resp: 356222
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 37.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001831.D
Acq: 18 May 2018 17:34

Tgt Ion:164 Resp: 175050
Ion Ratio Lower Upper
164 100
166 126.8 101.8 152.8
129 80.0 63.8 95.6
131 77.6 62.2 93.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001831.D

Acq: 18 May 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

KY074MW061-180507

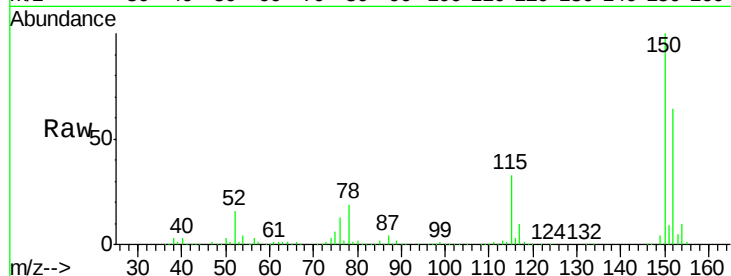
Tot Ion:152 Resp: 193522

Ion Ratio Lower Upper

152 100

115 51.6 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

