

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001801.D
 Acq On : 17 May 2018 20:01
 Operator : JC/MD
 Sample : J2853-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW026-180507

Quant Time: May 18 04:58:18 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

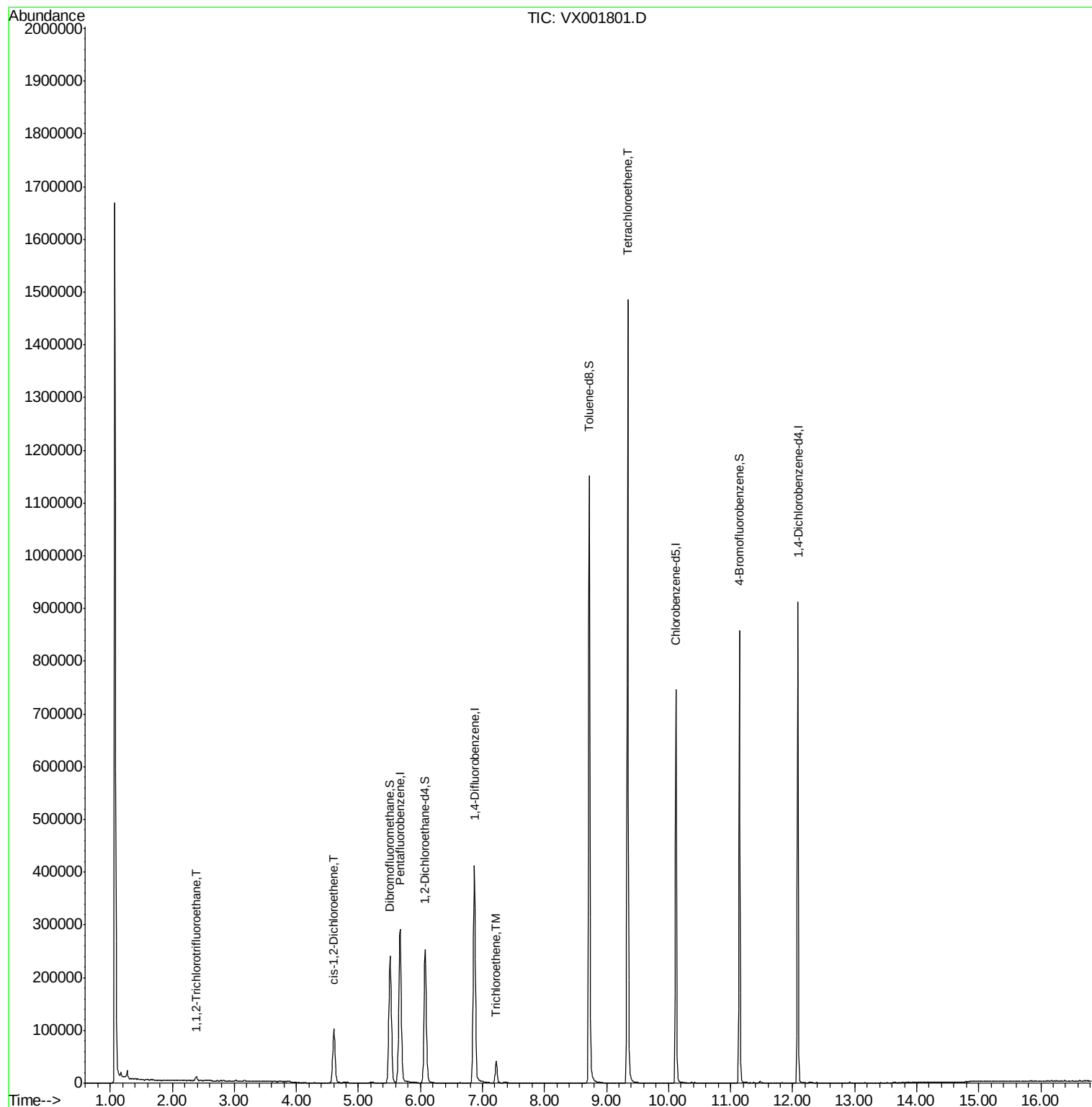
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	237002	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
35) Dibromofluoromethane	5.51	113	200492	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
50) Toluene-d8	8.72	98	701063	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.15	95	210628	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3245	1.00	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65778	16.79	ug/l	91
44) Trichloroethene	7.22	130	17464	3.73	ug/l	100
64) Tetrachloroethene	9.34	164	323555	66.92	ug/l	99

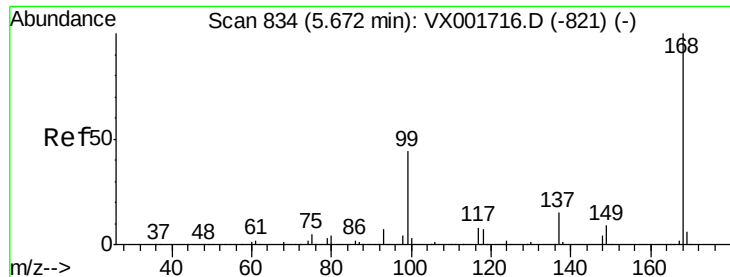
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001801.D

Acq: 17 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

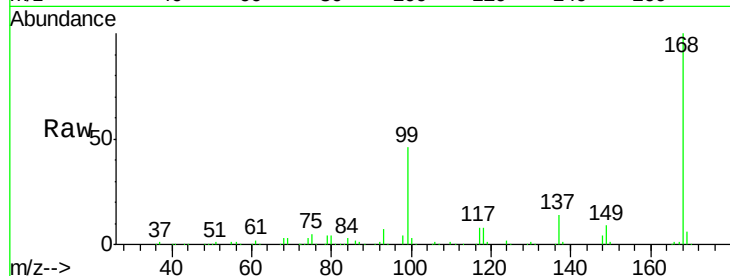
ST008MW026-180507

Tot Ion:168 Resp: 316231

Ion Ratio Lower Upper

168 100

99 46.1 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

120000

100000

80000

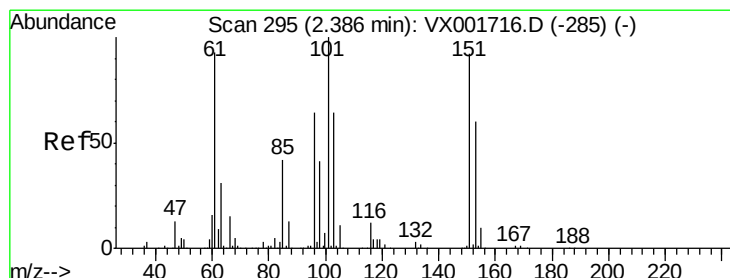
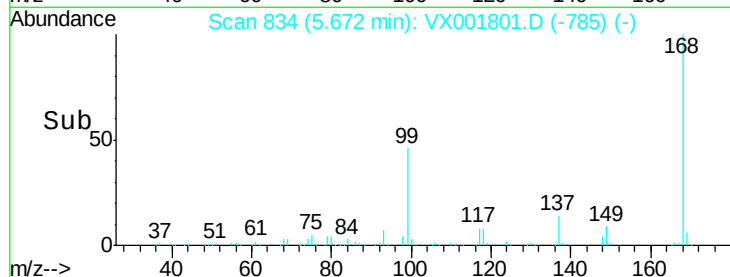
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.00 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001801.D

Acq: 17 May 2018 20:01

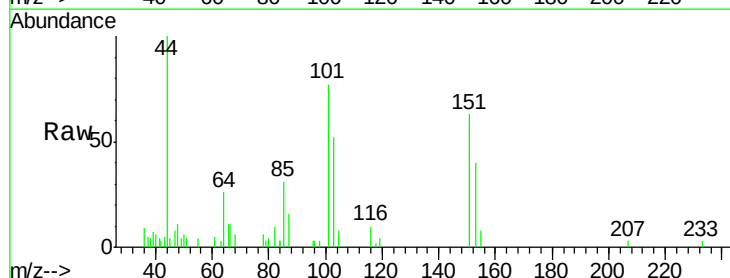
Tgt Ion:101 Resp: 3245

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

151 89.4 73.0 109.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2000

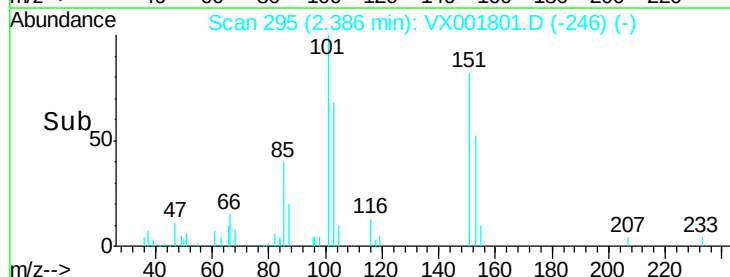
1500

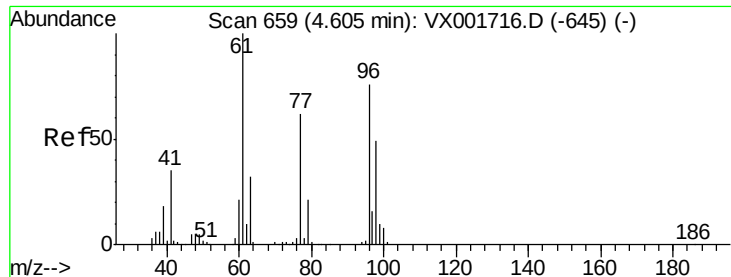
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#27

cis-1,2-Dichloroethene

Concen: 16.79 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001801.D

Acq: 17 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

ST008MW026-180507

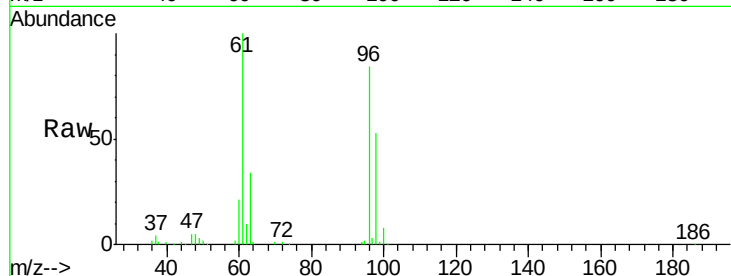
Tot Ion: 96 Resp: 65778

Ion Ratio Lower Upper

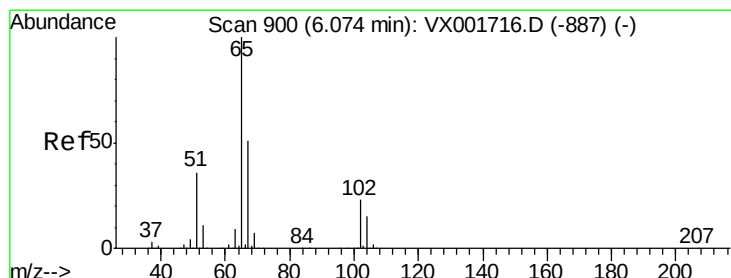
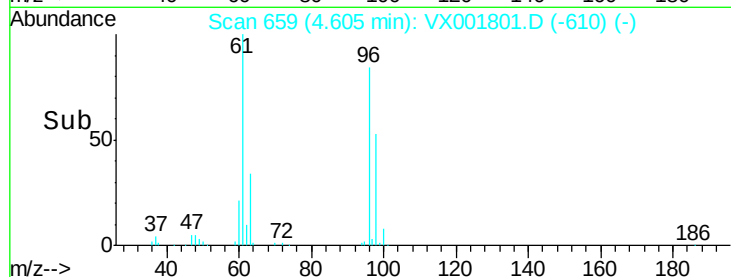
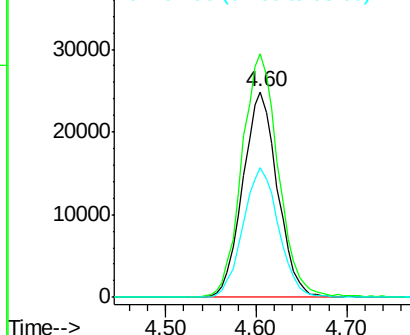
96 100

61 124.1 0.0 280.4

98 64.9 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: 55.91 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001801.D

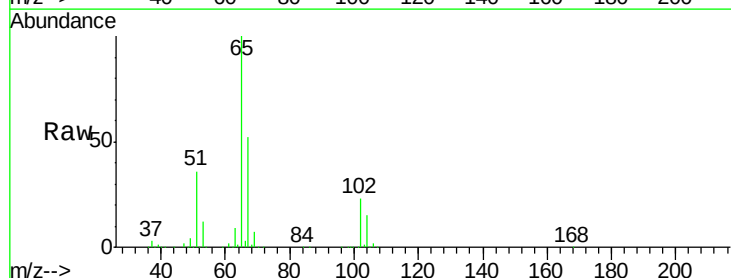
Acq: 17 May 2018 20:01

Tgt Ion: 65 Resp: 237002

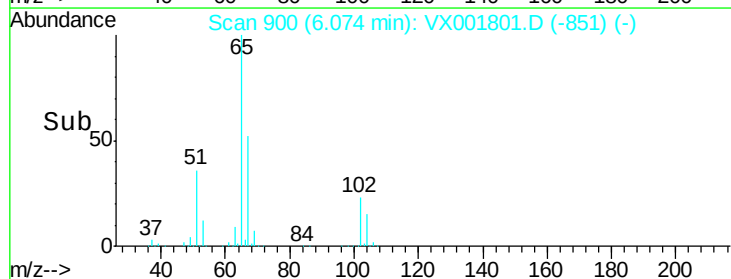
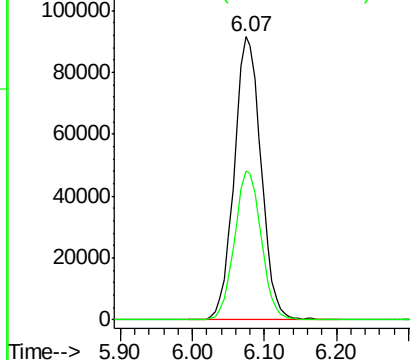
Ion Ratio Lower Upper

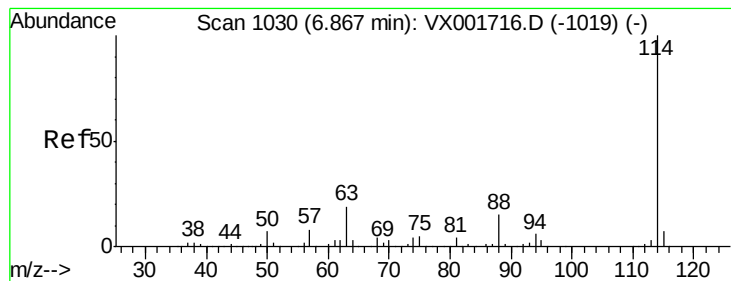
65 100

67 52.4 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: VX001801.D

Acq: 17 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

ST008MW026-180507

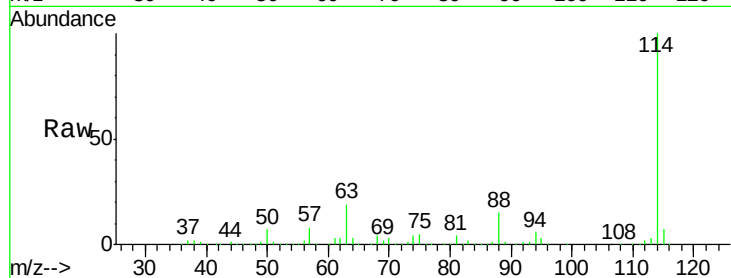
Tot Ion:114 Resp: 444623

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.0

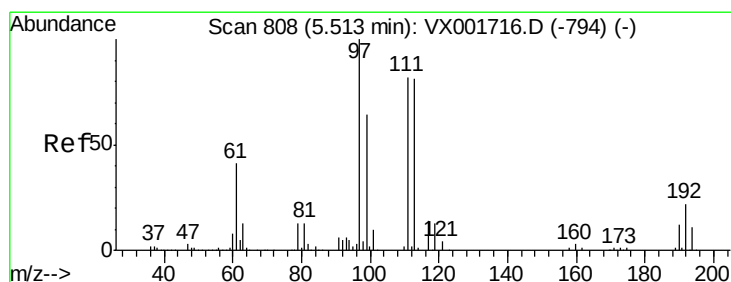
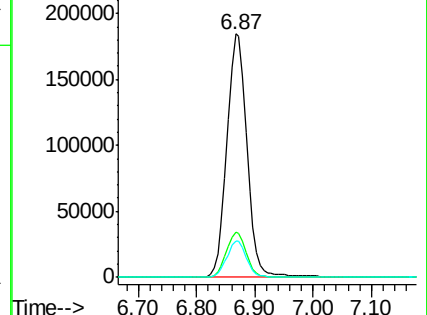
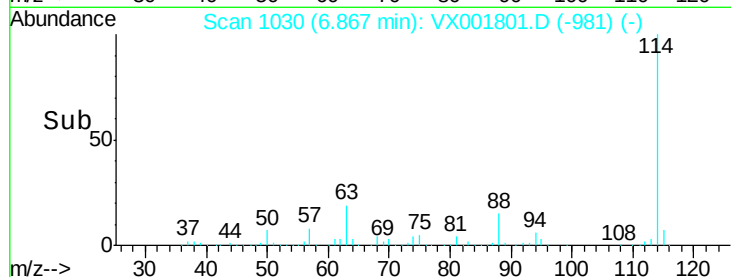
88 14.8 0.0 29.8



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: 53.43 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001801.D

Acq: 17 May 2018 20:01

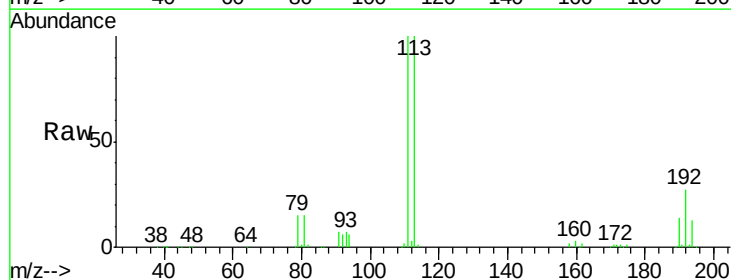
Tgt Ion:113 Resp: 200492

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

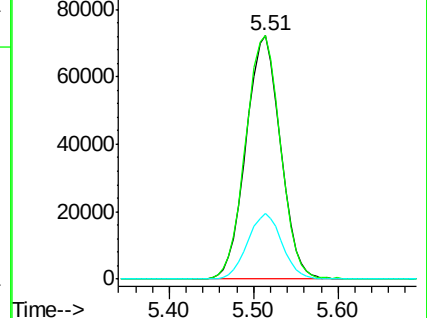
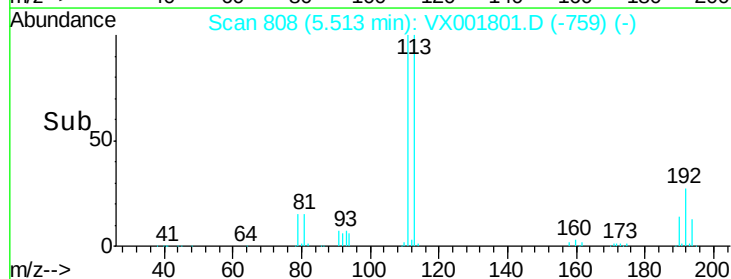
192 27.0 21.6 32.4

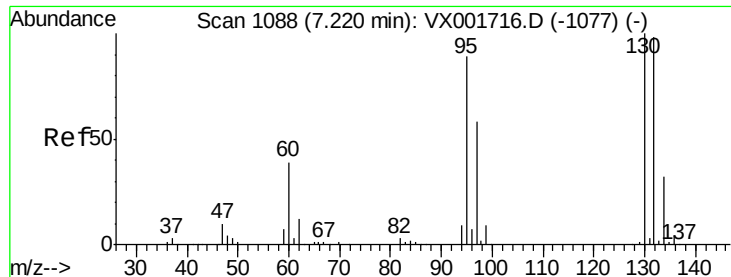


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.73 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001801.D

Acq: 17 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

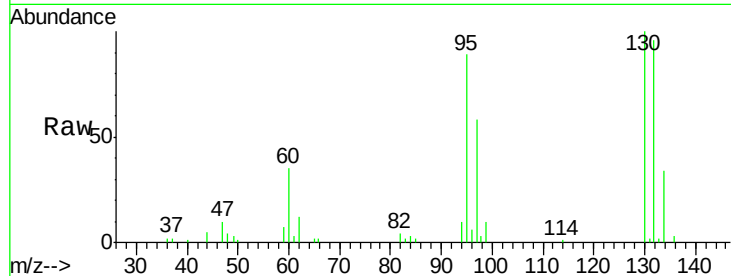
ST008MW026-180507

Tot Ion:130 Resp: 17464

Ion Ratio Lower Upper

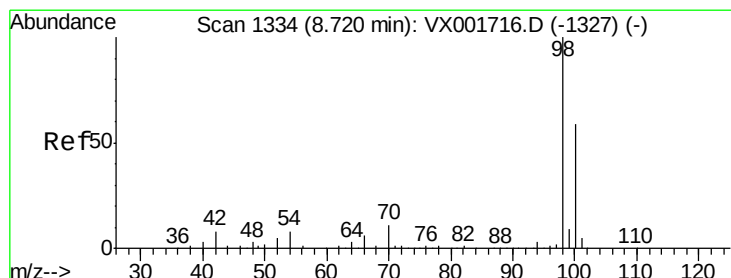
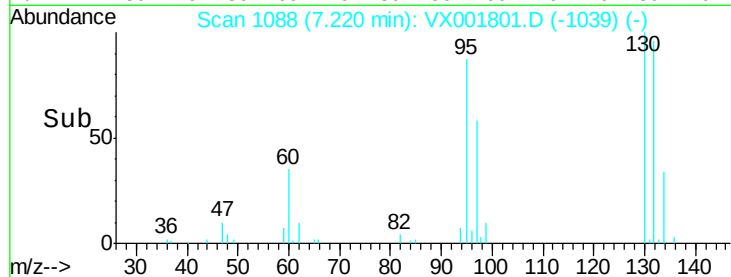
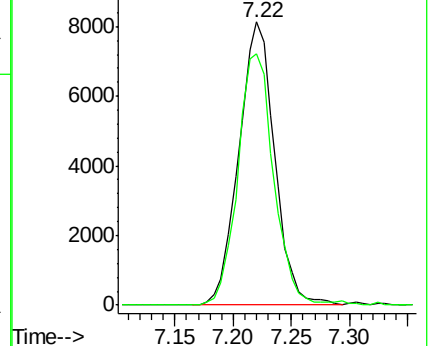
130 100

95 88.8 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: 52.17 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001801.D

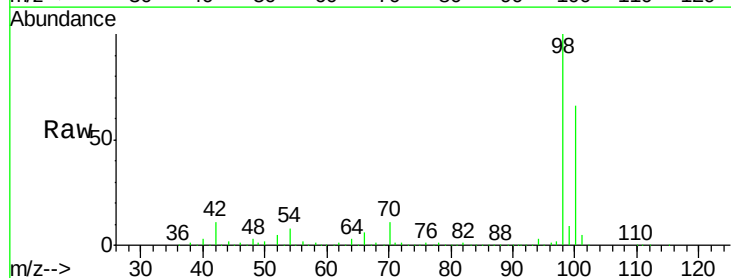
Acq: 17 May 2018 20:01

Tgt Ion: 98 Resp: 701063

Ion Ratio Lower Upper

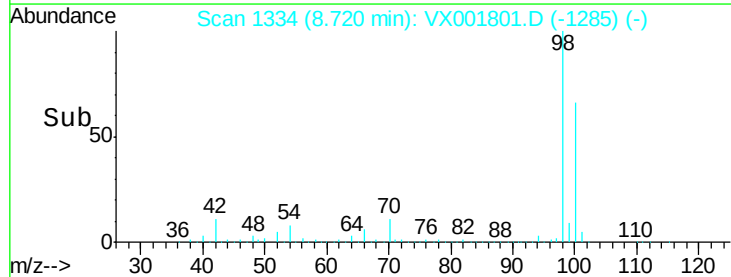
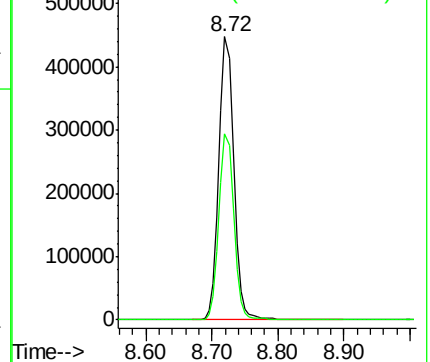
98 100

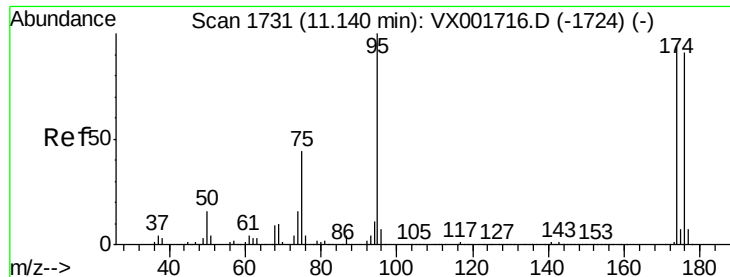
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

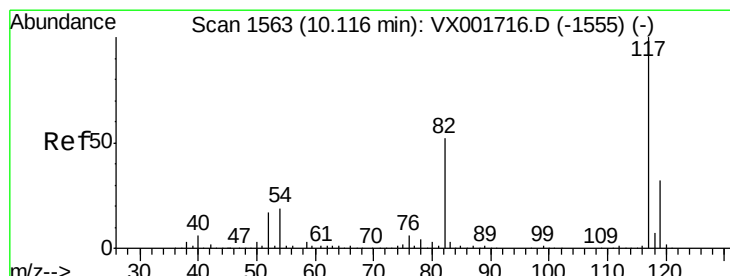
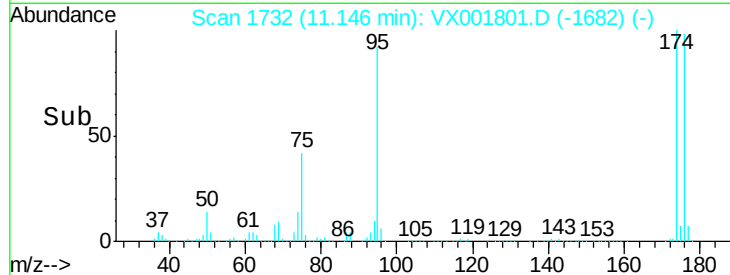
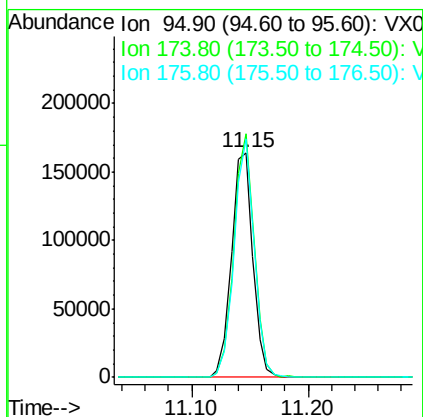
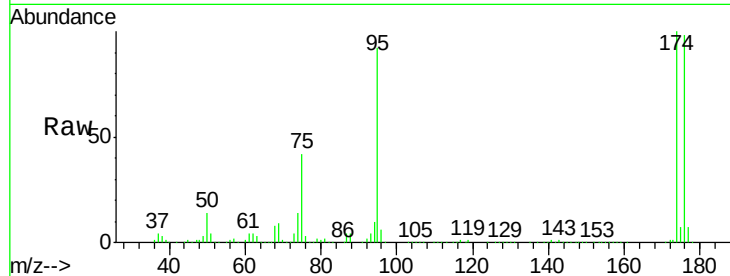




#62
4-Bromofluorobenzene
Concen: 43.53 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001801.D
Acq: 17 May 2018 20:01

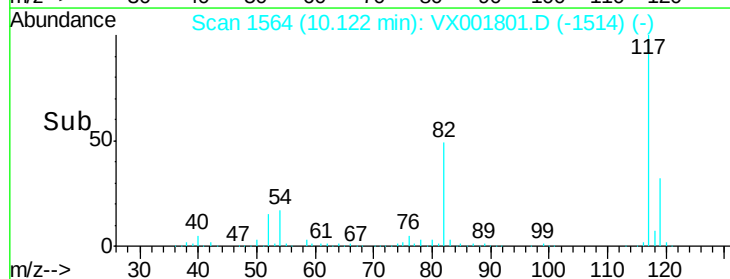
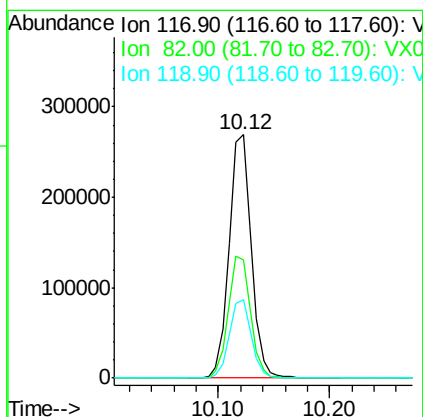
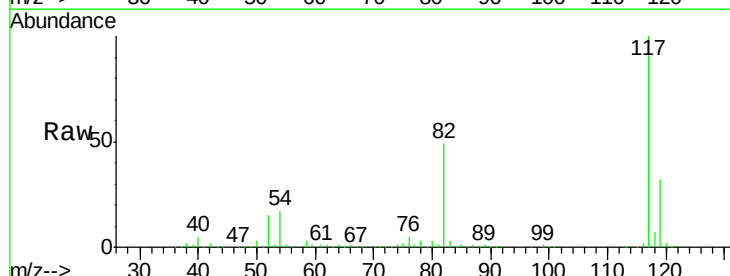
Instrument :
MSVOA_X
ClientSampleId :
ST008MW026-180507

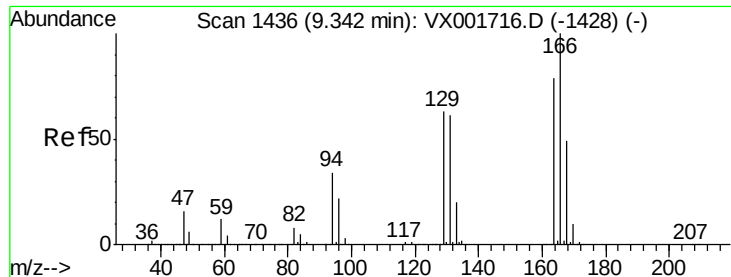
Tot Ion: 95 Resp: 210628
Ion Ratio Lower Upper
95 100
174 103.4 0.0 201.8
176 99.8 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001801.D
Acq: 17 May 2018 20:01

Tgt Ion: 117 Resp: 371435
Ion Ratio Lower Upper
117 100
82 48.8 41.4 62.2
119 32.0 25.6 38.4

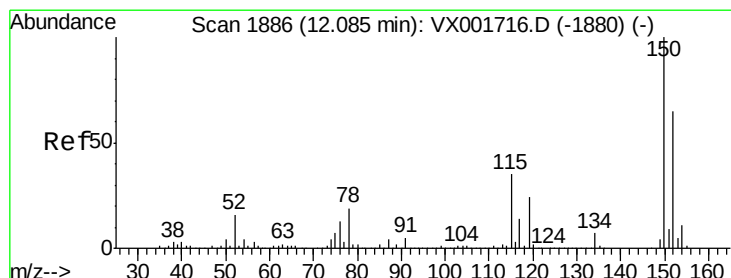
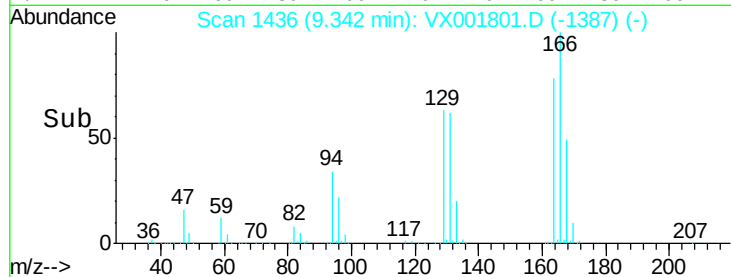
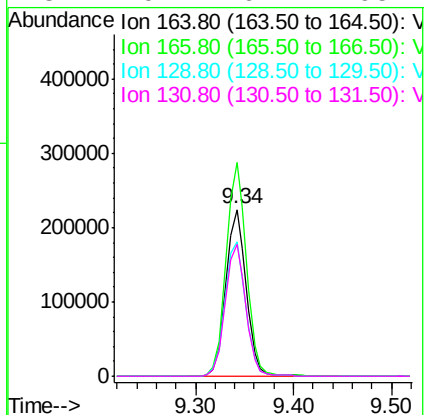
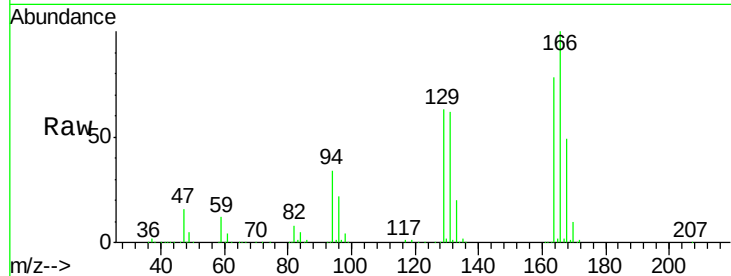




#64
Tetrachloroethene
Concen: 66.92 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001801.D
Acq: 17 May 2018 20:01

Instrument :
MSVOA_X
ClientSampleId :
ST008MW026-180507

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.8	152.8
129	80.4	63.8	95.6
131	79.4	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: VX001801.D
Acq: 17 May 2018 20:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.5	37.4	112.2
150	155.5	0.0	344.8

