

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001880.D
 Acq On : 21 May 2018 16:25
 Operator : JC/MD
 Sample : J2986-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0458-180514

Quant Time: May 22 02:25:25 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

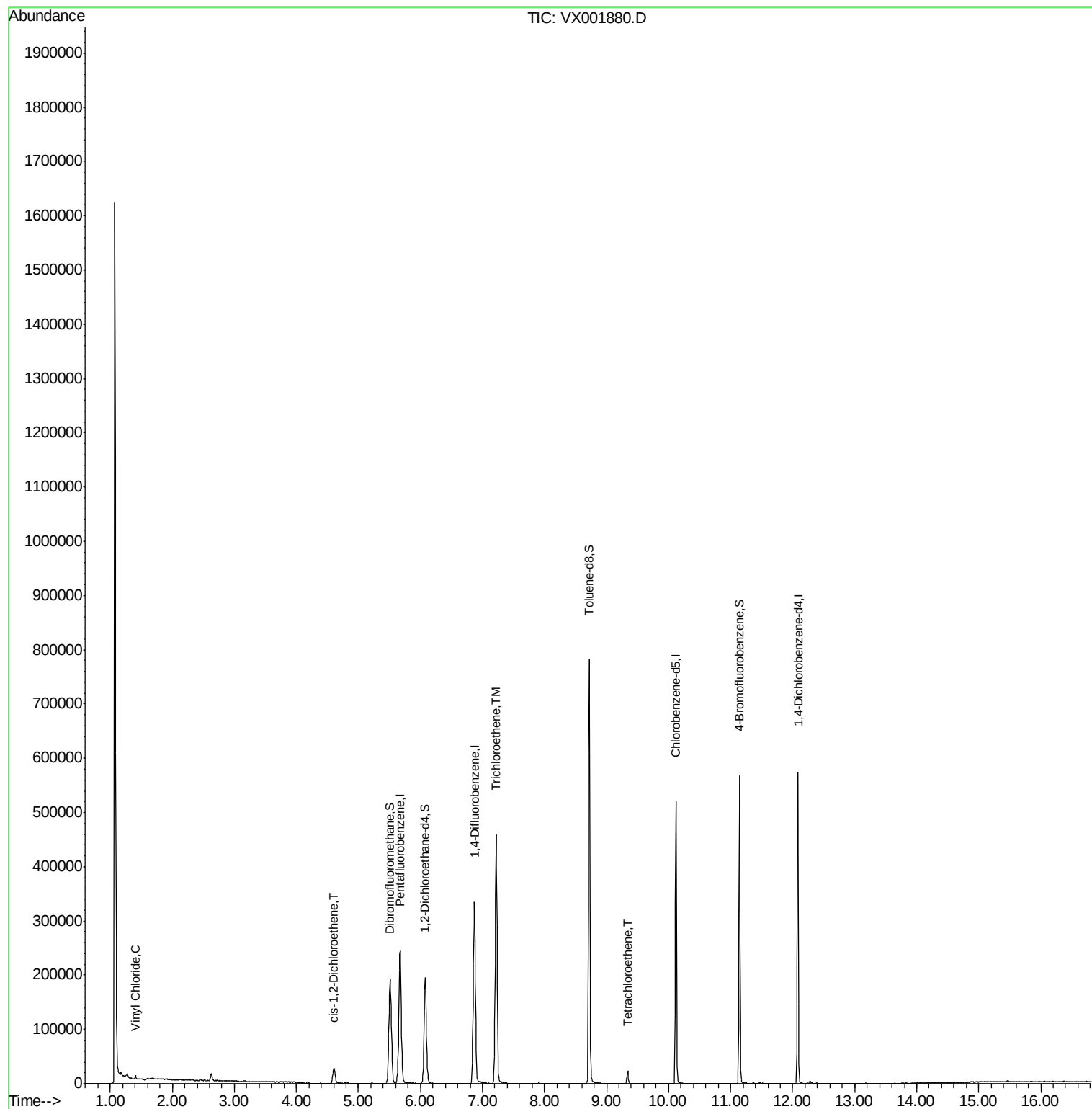
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179525	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
35) Dibromofluoromethane	5.51	113	160928	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	8.72	98	471893	43.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.04%	
62) 4-Bromofluorobenzene	11.14	95	144653	37.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.10%	
Target Compounds						
4) Vinyl Chloride	1.40	62	3399	1.091	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	18250	5.540	ug/l	99
44) Trichloroethene	7.22	130	196647	52.064	ug/l	100
64) Tetrachloroethene	9.34	164	5175	1.533	ug/l	94

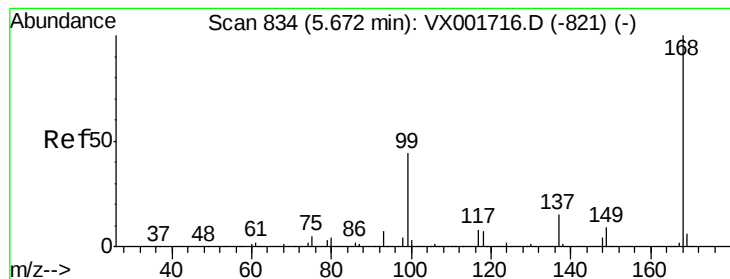
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001880.D

Acq: 21 May 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

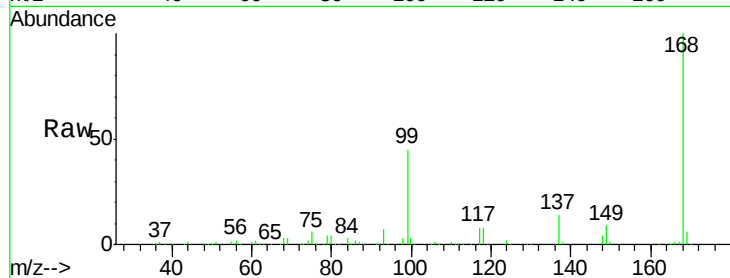
DUP-0458-180514

Tot Ion:168 Resp: 265860

Ion Ratio Lower Upper

168 100

99 44.6 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

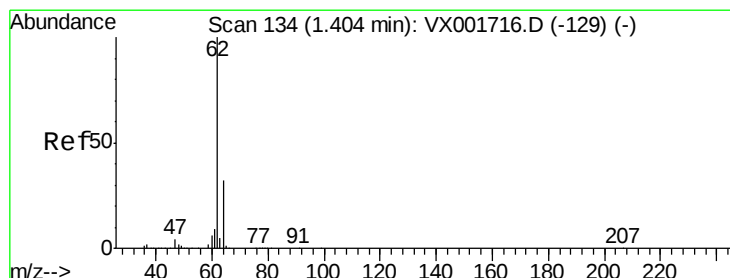
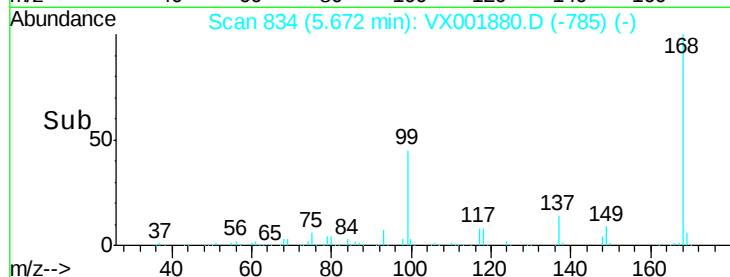
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.091 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001880.D

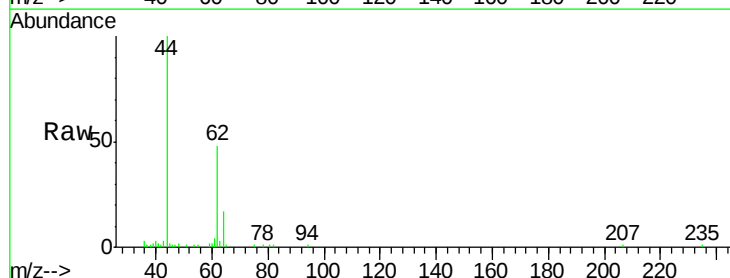
Acq: 21 May 2018 16:25

Tgt Ion: 62 Resp: 3399

Ion Ratio Lower Upper

62 100

64 35.2 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

4000

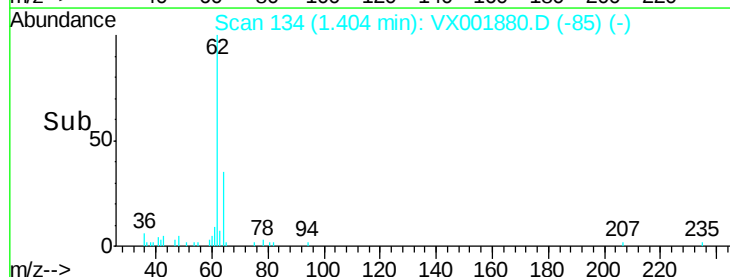
3000

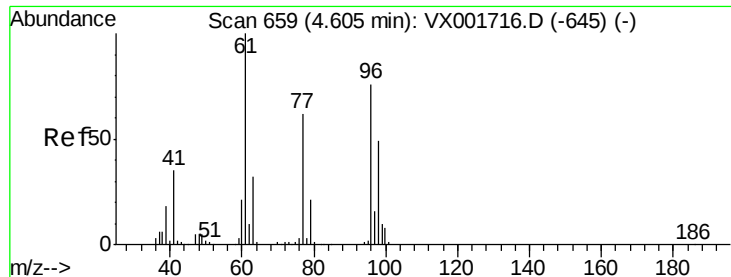
2000

1000

0

Time--> 1.35 1.40 1.45



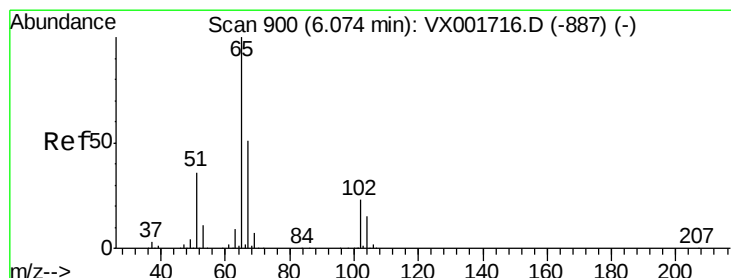
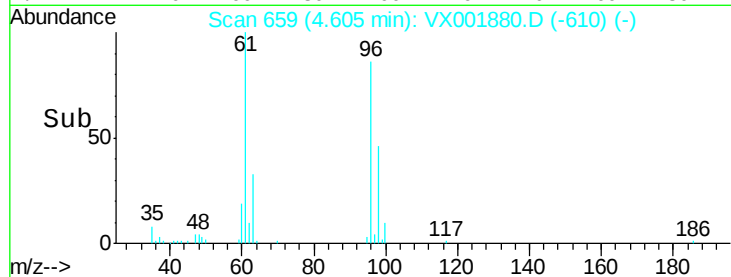
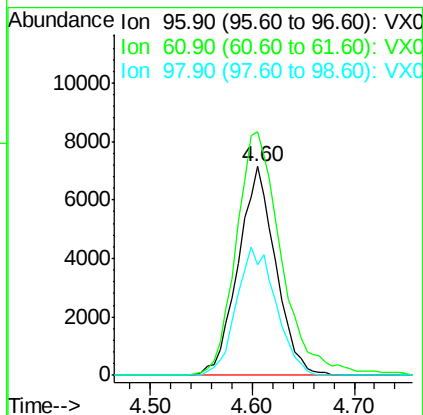
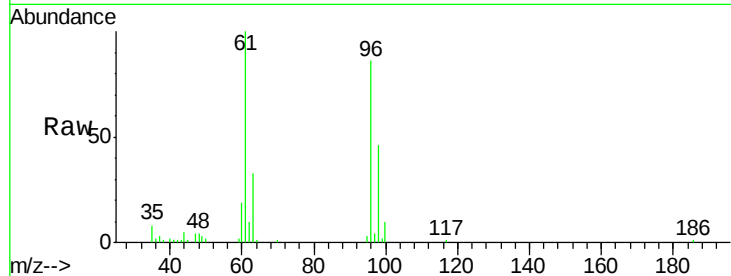


#27

cis-1,2-Dichloroethene
 Concen: 5.540 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001880.D
 Acq: 21 May 2018 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0458-180514

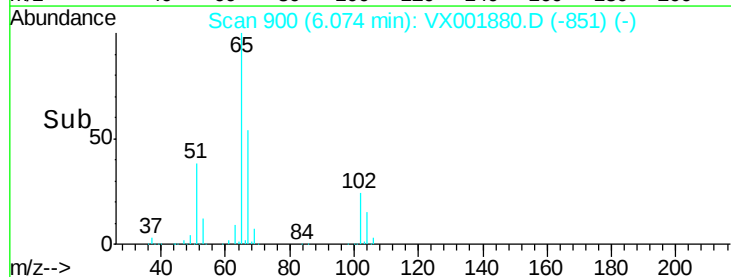
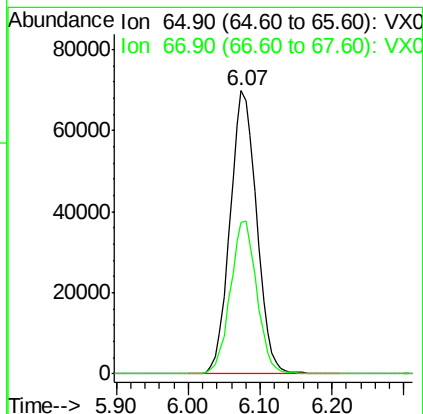
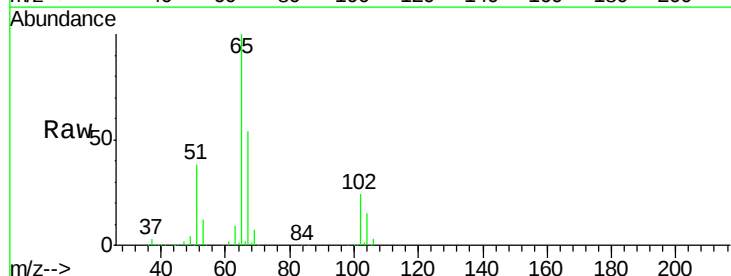
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	280.4
98	64.4	0.0	128.4

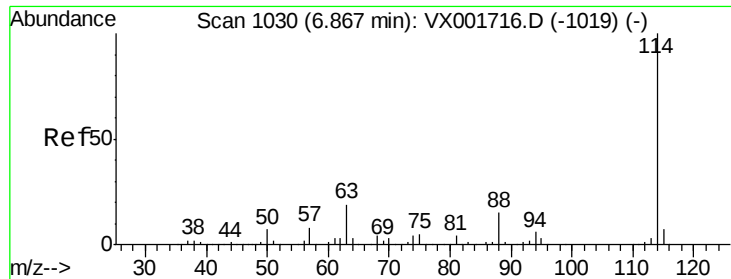


#33

1,2-Dichloroethane-d4
 Concen: 50.378 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001880.D
 Acq: 21 May 2018 16:25

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001880.D

Acq: 21 May 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

DUP-0458-180514

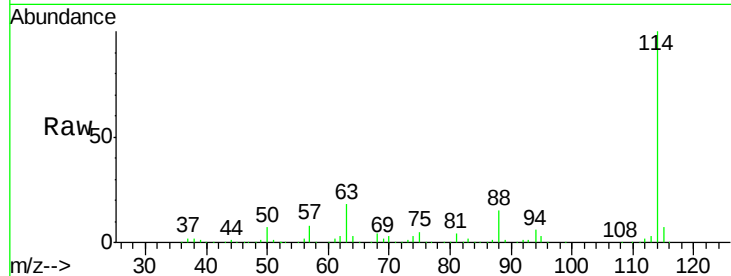
Tot Ion:114 Resp: 358792

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.0

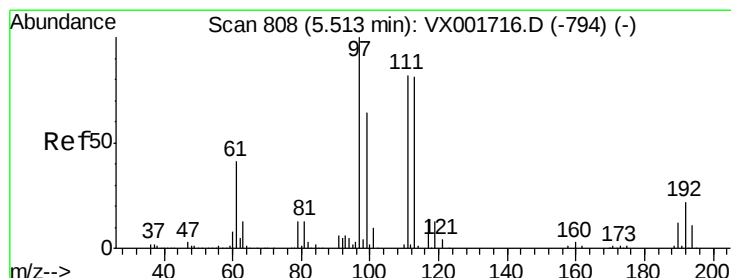
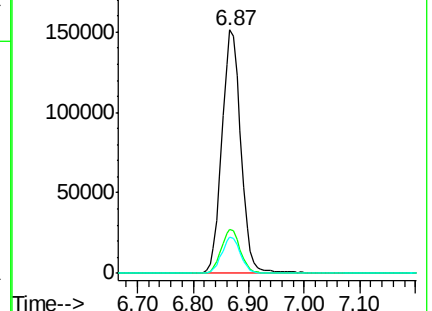
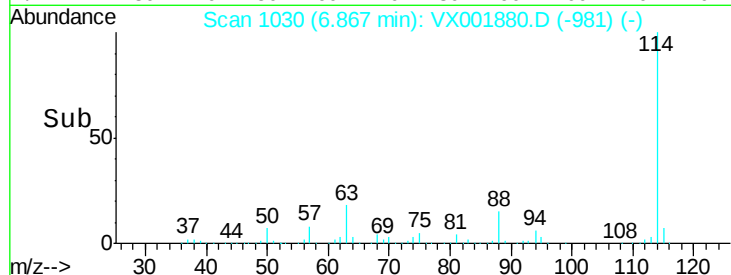
88 14.8 0.0 29.8



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: 53.149 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001880.D

Acq: 21 May 2018 16:25

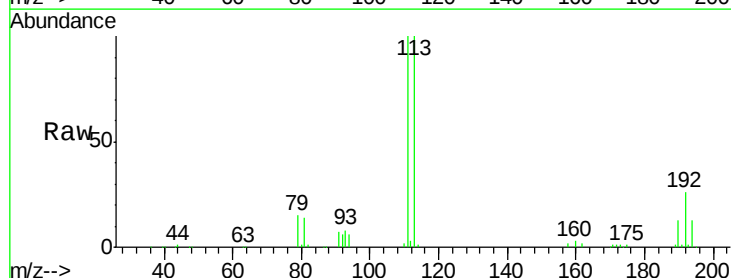
Tgt Ion:113 Resp: 160928

Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

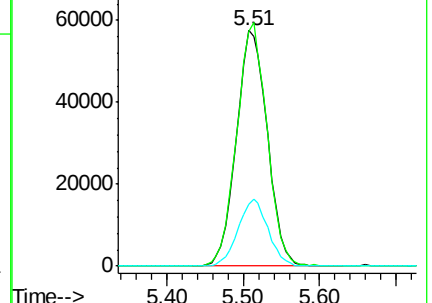
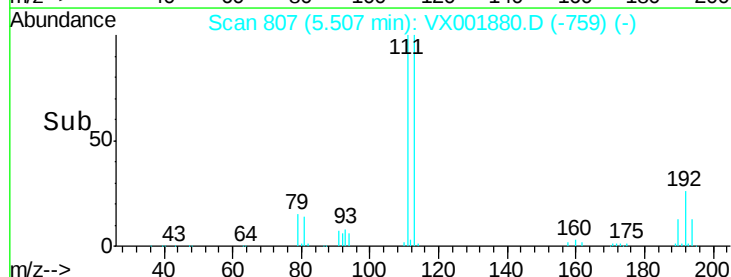
192 27.6 21.6 32.4

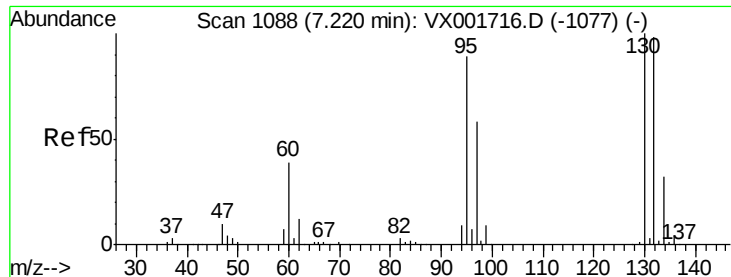


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 52.064 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001880.D

Acq: 21 May 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

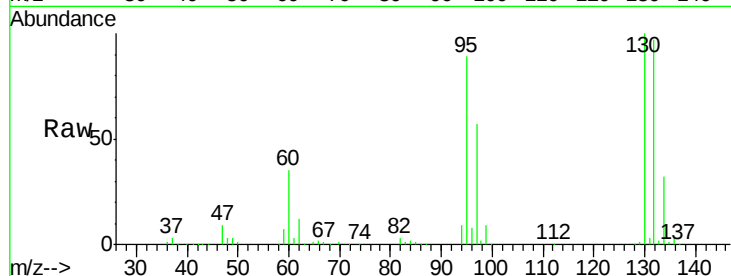
DUP-0458-180514

Tot Ion:130 Resp: 196647

Ion Ratio Lower Upper

130 100

95 88.7 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

100000

80000

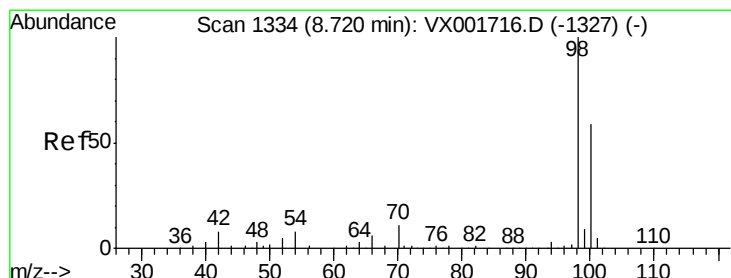
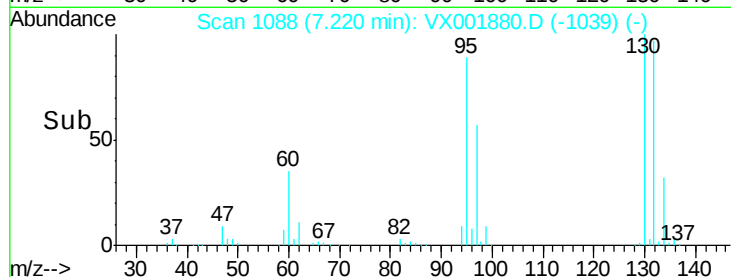
60000

40000

20000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 43.516 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001880.D

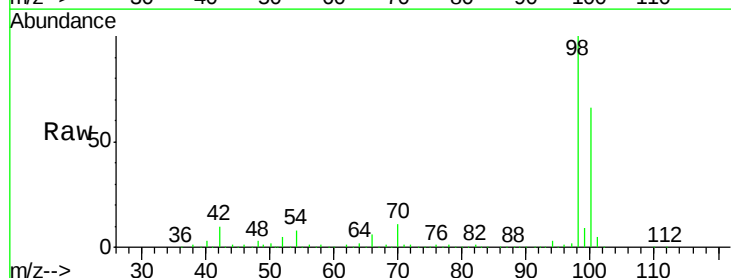
Acq: 21 May 2018 16:25

Tgt Ion: 98 Resp: 471893

Ion Ratio Lower Upper

98 100

100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

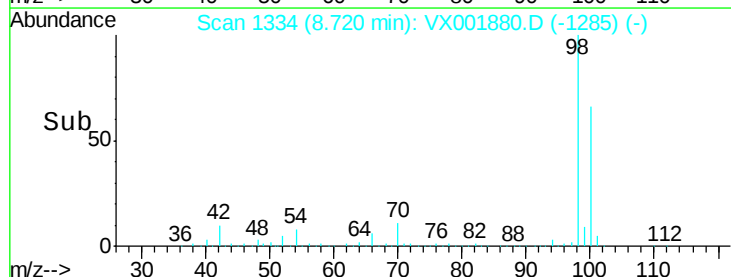
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90 9.00

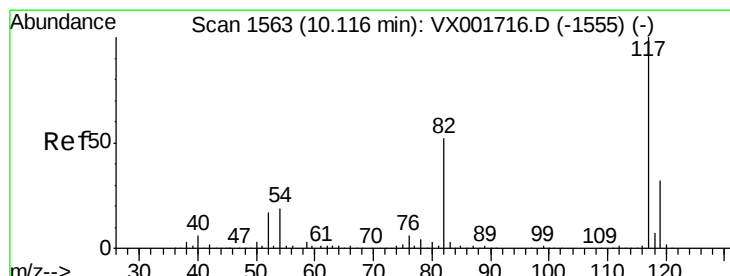
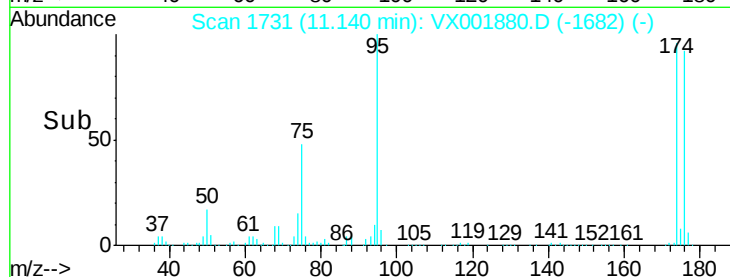
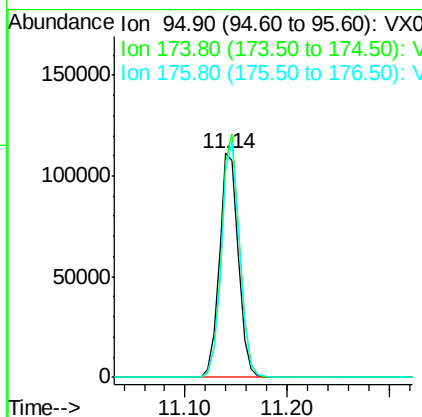
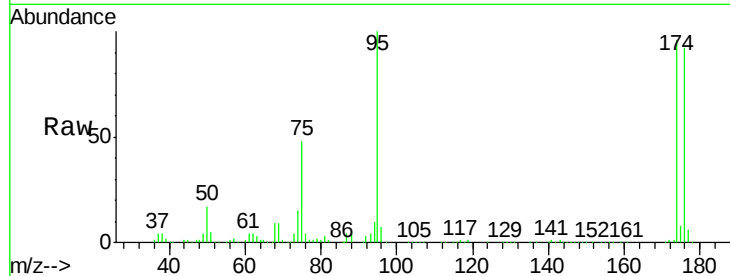




#62
4-Bromofluorobenzene
Concen: 37.047 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001880.D
Acq: 21 May 2018 16:25

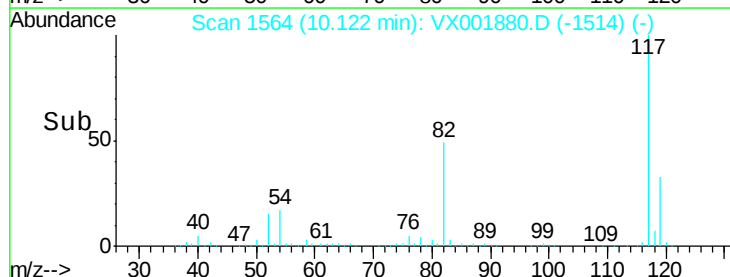
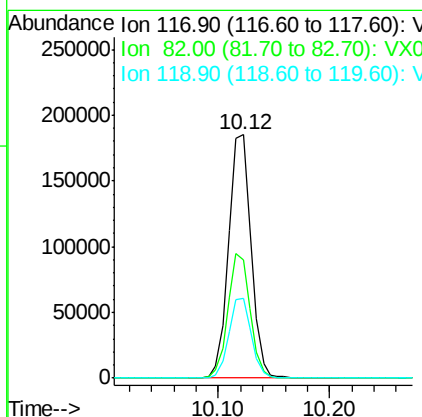
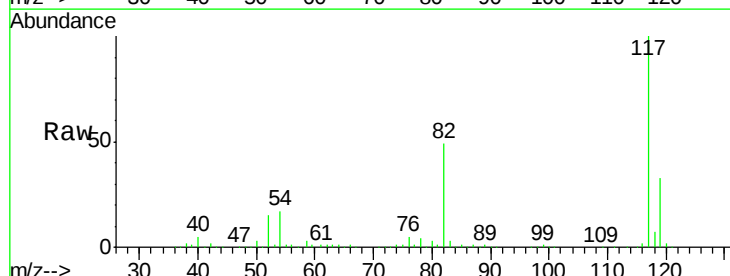
Instrument :
MSVOA_X
ClientSampleId :
DUP-0458-180514

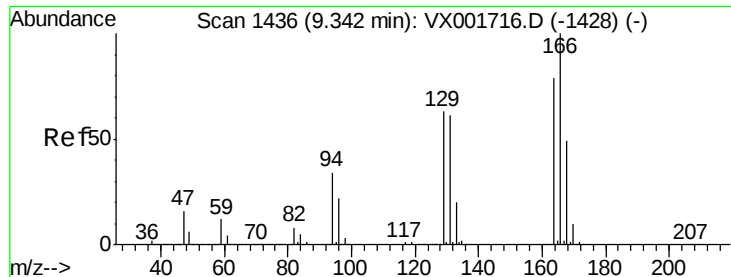
Tot Ion: 95 Resp: 144653
Ion Ratio Lower Upper
95 100
174 103.9 0.0 201.8
176 100.0 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001880.D
Acq: 21 May 2018 16:25

Tgt Ion: 117 Resp: 259311
Ion Ratio Lower Upper
117 100
82 48.7 41.4 62.2
119 32.6 25.6 38.4

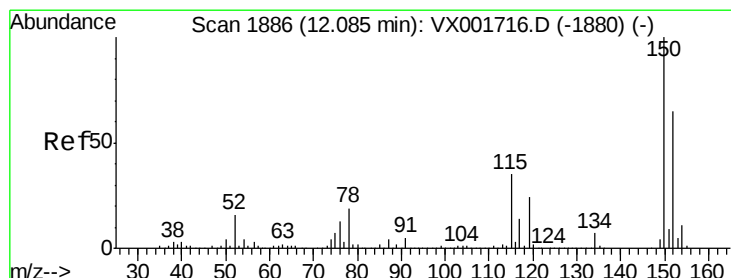
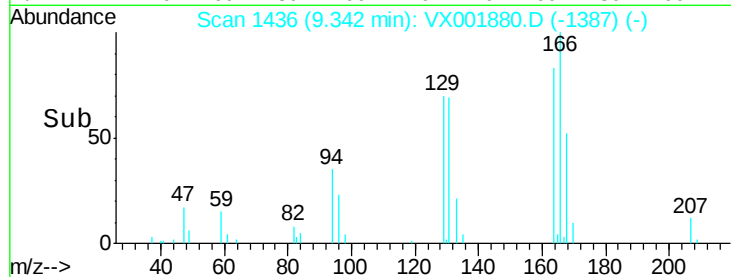
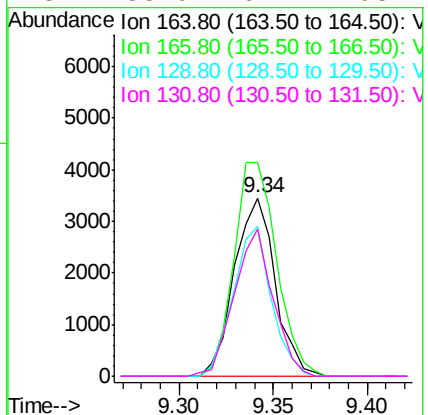
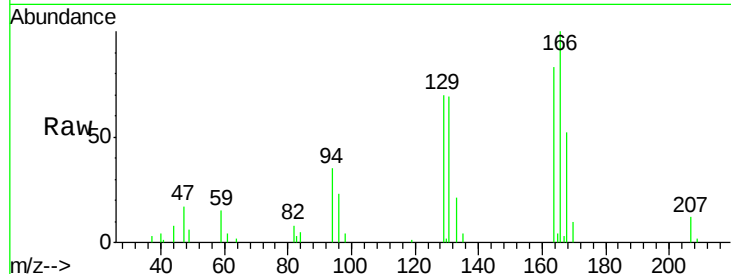




#64
Tetrachloroethene
Concen: 1.533 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001880.D
Acq: 21 May 2018 16:25

Instrument :
MSVOA_X
ClientSampleId :
DUP-0458-180514

Tot Ion	Ratio	Lower	Upper
164	100		
166	119.9	101.8	152.8
129	83.9	63.8	95.6
131	83.0	62.2	93.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001880.D
Acq: 21 May 2018 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.5	37.4	112.2
150	154.4	0.0	344.8

