

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003598.D
 Acq On : 23 Jul 2018 12:30
 Operator : JC/SP
 Sample : J4050-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP003-180717

Quant Time: Jul 24 07:00:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192335	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	159705	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
35) Dibromofluoromethane	5.51	113	142229	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	8.72	98	529241	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.14	95	175144	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	

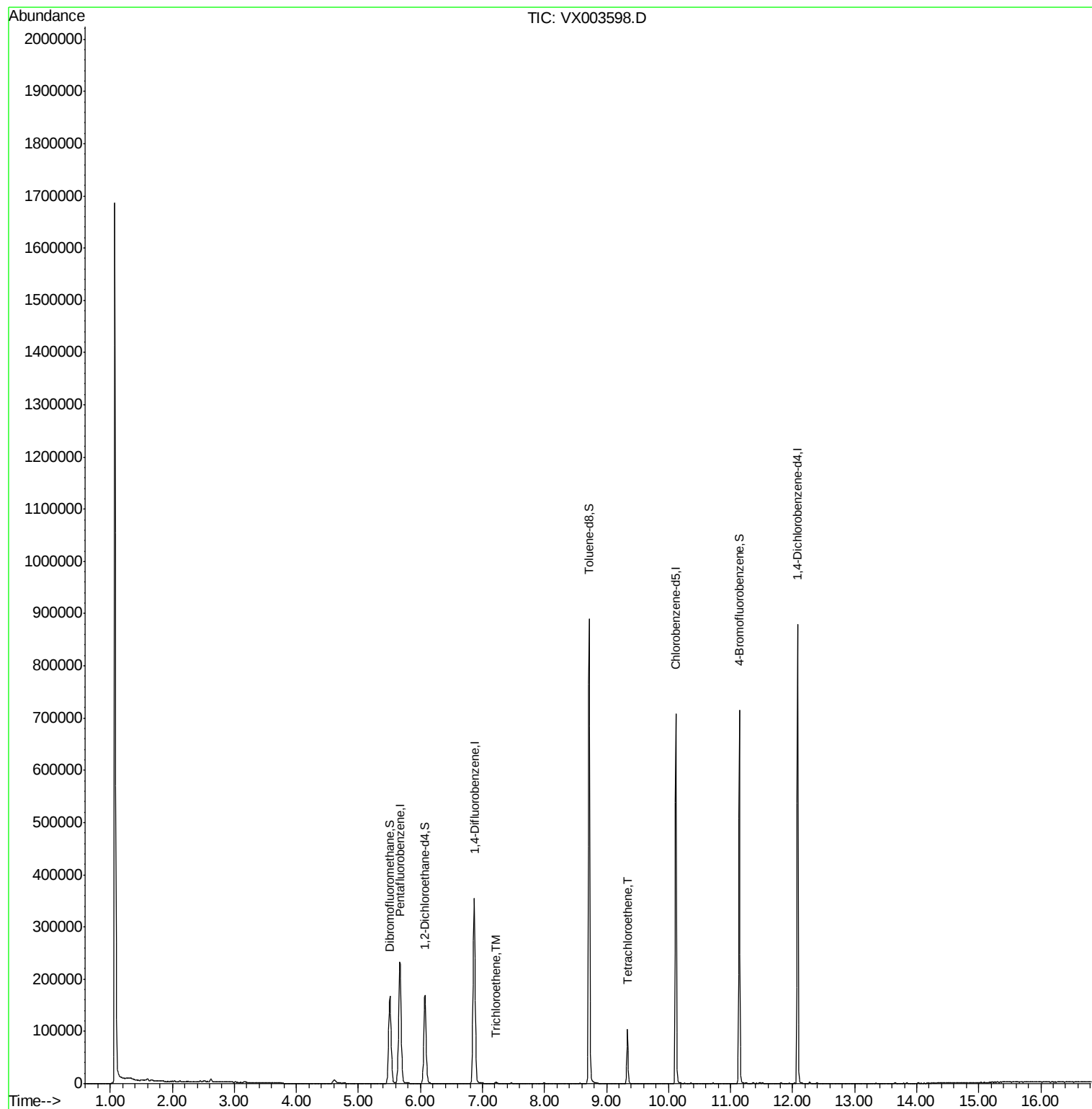
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.22	130	1009	0.28	ug/l	97
64) Tetrachloroethene	9.34	164	22169	5.28	ug/l	99

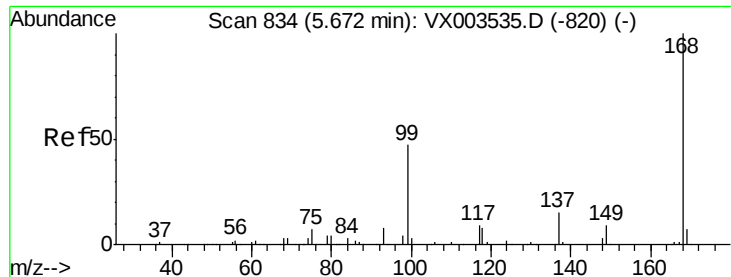
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003598.D

Acq: 23 Jul 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

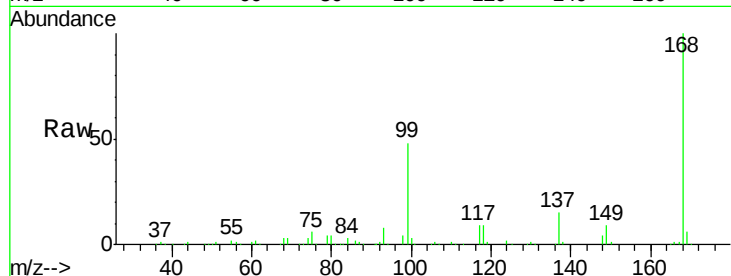
KY030SP003-180717

Tot Ion:168 Resp: 247384

Ion Ratio Lower Upper

168 100

99 48.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

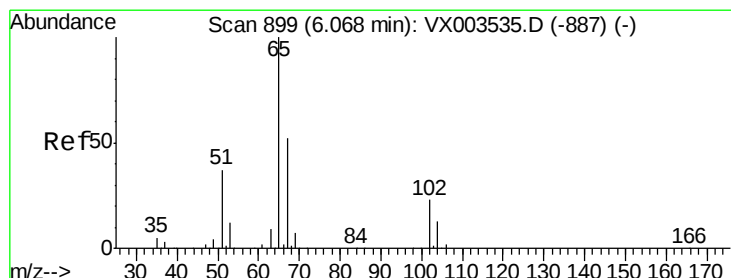
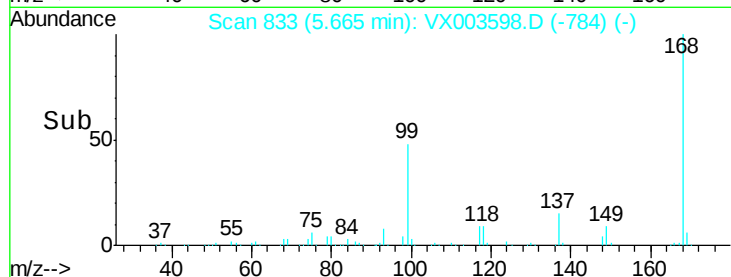
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.54 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003598.D

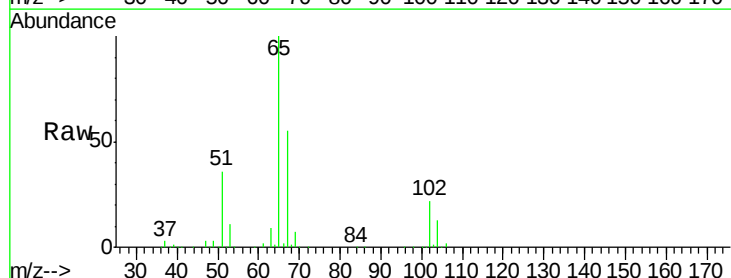
Acq: 23 Jul 2018 12:30

Tgt Ion: 65 Resp: 159705

Ion Ratio Lower Upper

65 100

67 54.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

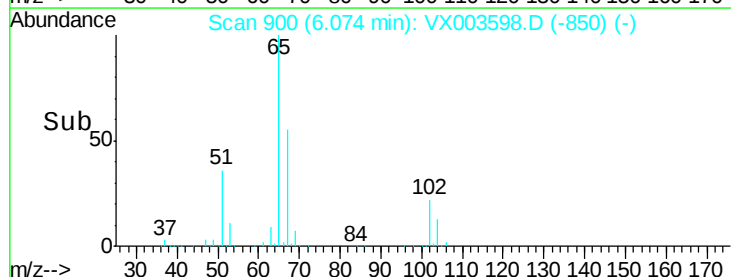
60000

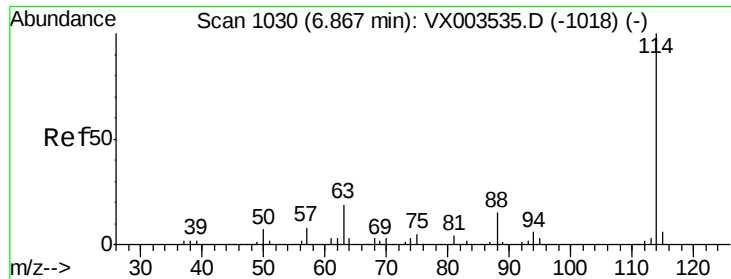
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

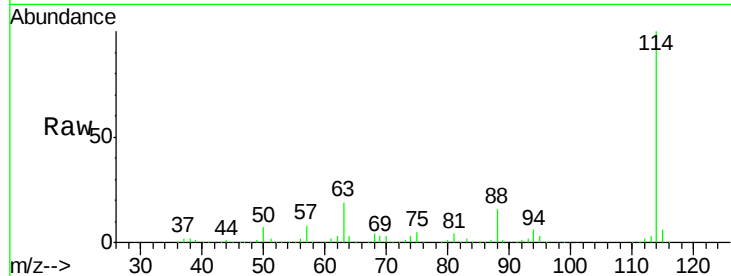




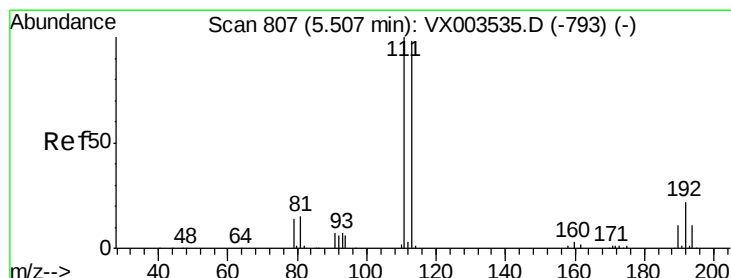
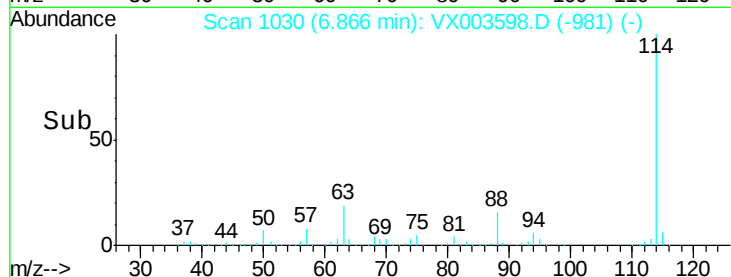
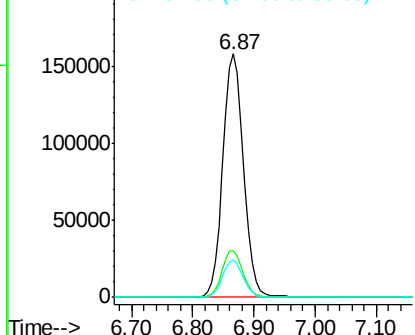
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003598.D
 Acq: 23 Jul 2018 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP003-180717

Tot Ion:114 Resp: 369596
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.7 0.0 30.0

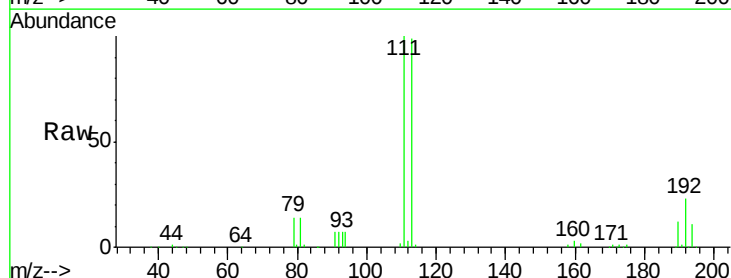


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

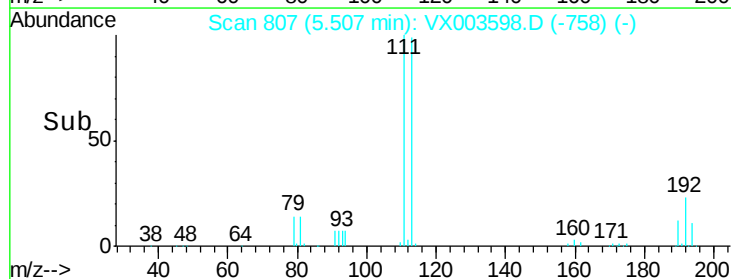
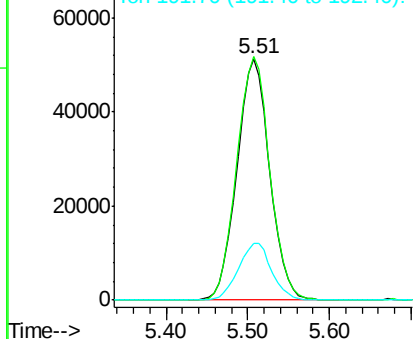


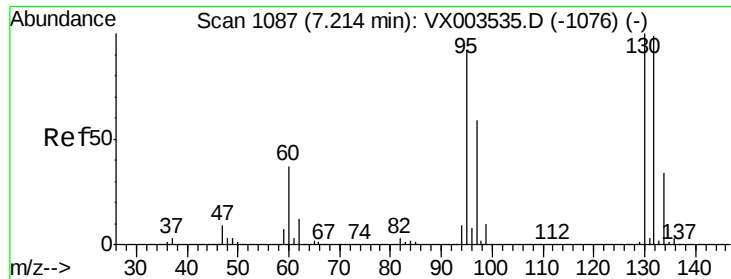
#35
 Dibromofluoromethane
 Concen: 50.52 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003598.D
 Acq: 23 Jul 2018 12:30

Tgt Ion:113 Resp: 142229
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.9 19.1 28.7



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: 0.28 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003598.D

Acq: 23 Jul 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

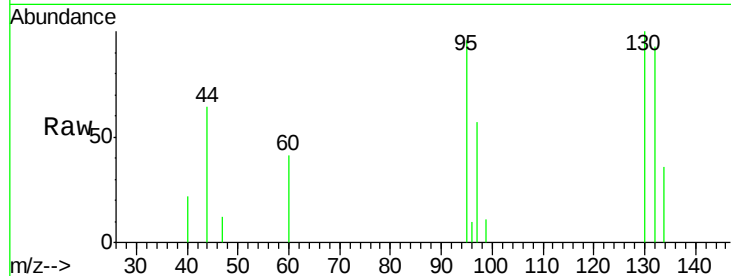
KY030SP003-180717

Tot Ion:130 Resp: 1009

Ion Ratio Lower Upper

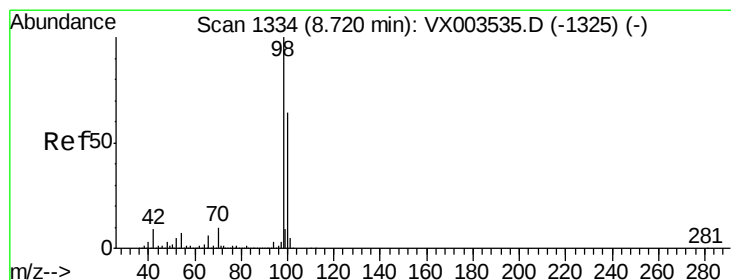
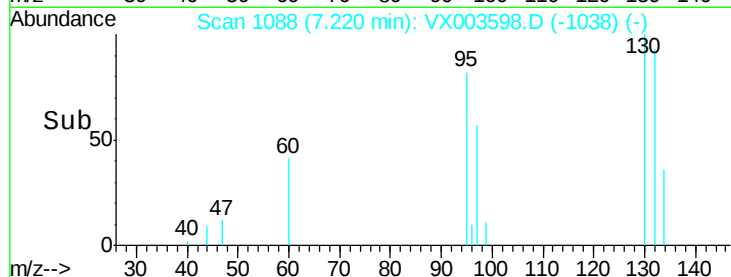
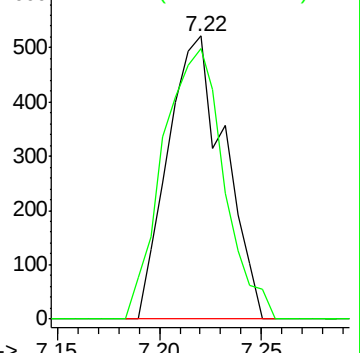
130 100

95 95.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.02 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003598.D

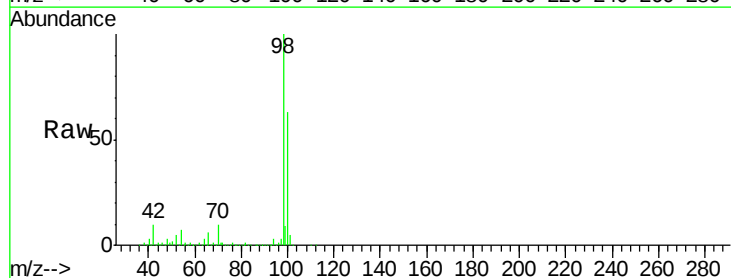
Acq: 23 Jul 2018 12:30

Tgt Ion: 98 Resp: 529241

Ion Ratio Lower Upper

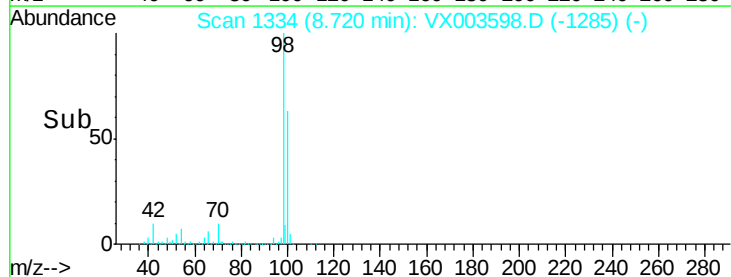
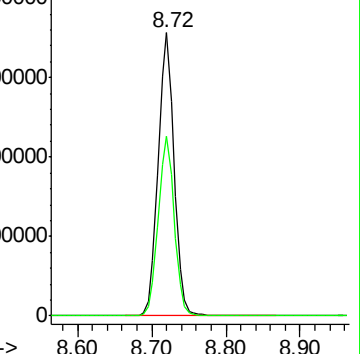
98 100

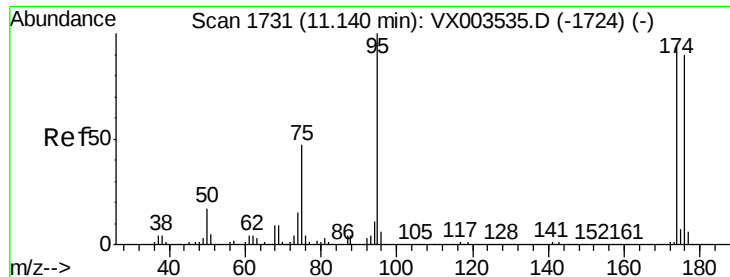
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003598.D

Acq: 23 Jul 2018 12:30

Instrument :

MSVOA_X

ClientSampleId :

KY030SP003-180717

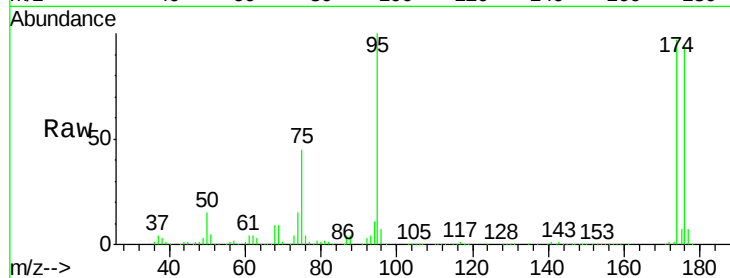
Tot Ion: 95 Resp: 175144

Ion Ratio Lower Upper

95 100

174 99.1 0.0 187.4

176 95.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003535.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003535.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003535.D (-1724) (-)

11.14

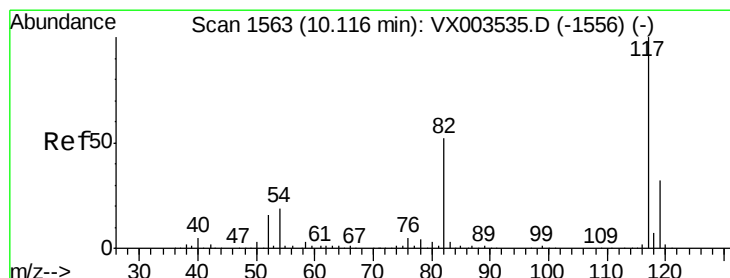
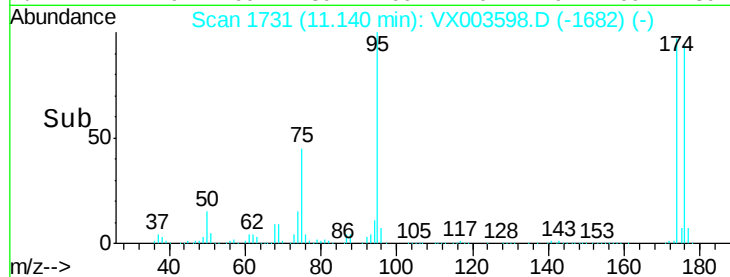
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003598.D

Acq: 23 Jul 2018 12:30

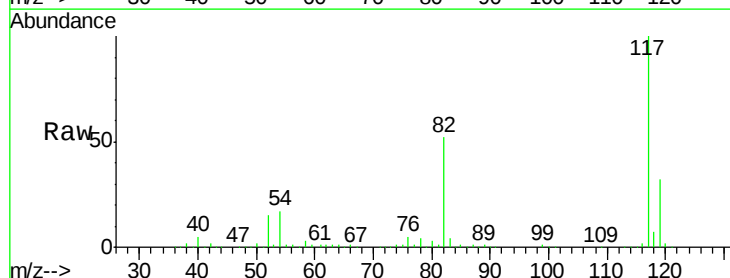
Tgt Ion: 117 Resp: 344746

Ion Ratio Lower Upper

117 100

82 52.2 45.0 67.4

119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX003535.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003535.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003535.D (-1556) (-)

10.12

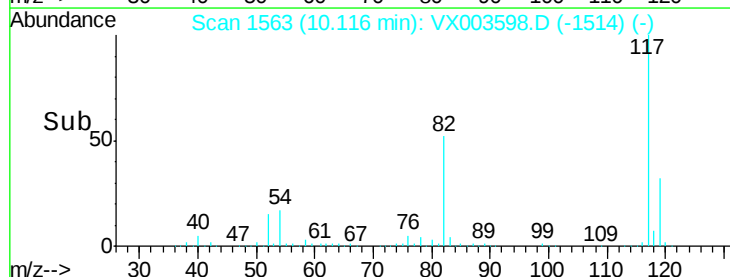
300000

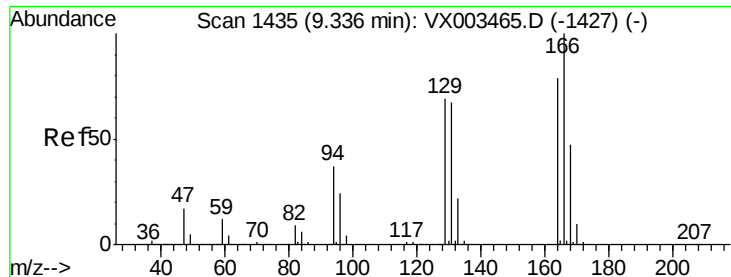
200000

100000

0

Time-->

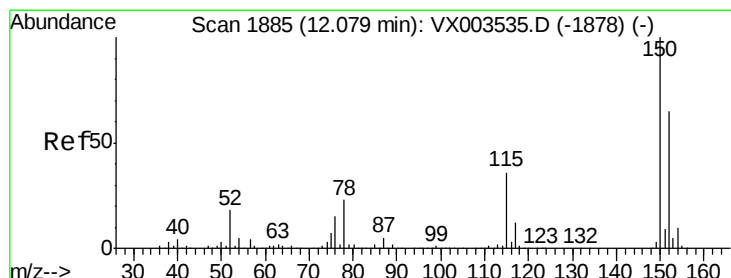
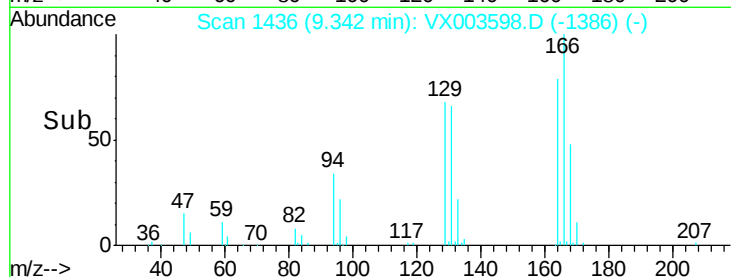
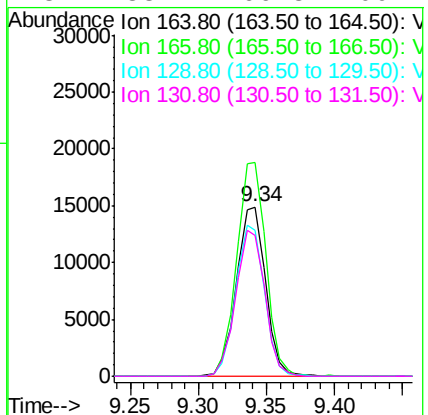
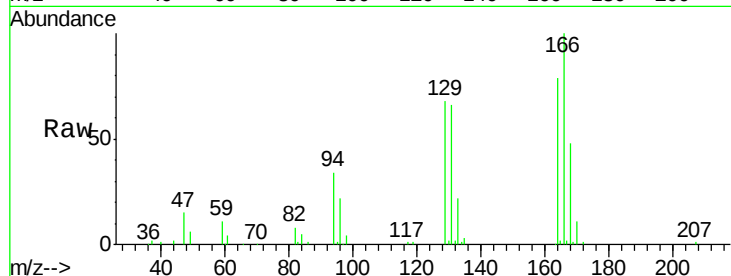




#64
Tetrachloroethene
Concen: 5.28 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003598.D
Acq: 23 Jul 2018 12:30

Instrument :
MSVOA_X
ClientSampleId :
KY030SP003-180717

Tot Ion:164 Resp: 22169
Ion Ratio Lower Upper
164 100
166 126.3 102.9 154.3
129 86.5 68.6 102.8
131 83.2 66.8 100.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003598.D
Acq: 23 Jul 2018 12:30

Tgt Ion:152 Resp: 192335
Ion Ratio Lower Upper
152 100
115 53.8 40.1 120.2
150 155.5 0.0 347.2

