

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004783.D
 Acq On : 27 Sep 2018 19:17
 Operator : JC/MD
 Sample : J5048-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18

Quant Time: Sep 28 13:19:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

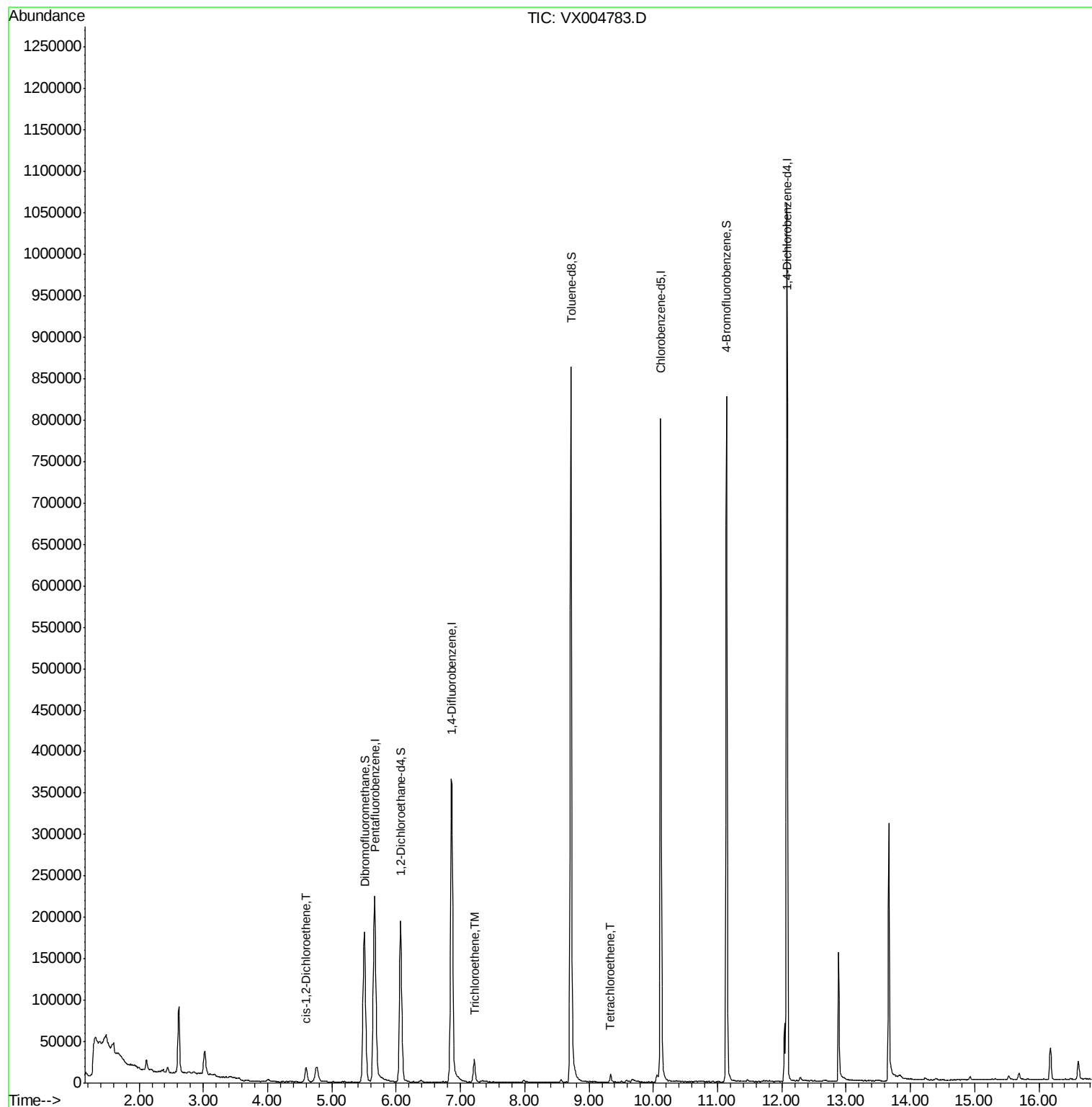
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182774	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
35) Dibromofluoromethane	5.51	113	153405	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
50) Toluene-d8	8.72	98	563652	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	208735	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	10715	3.413	ug/l	94
44) Trichloroethene	7.21	130	10926	3.164	ug/l	99
64) Tetrachloroethene	9.34	164	1909	0.505	ug/l	91

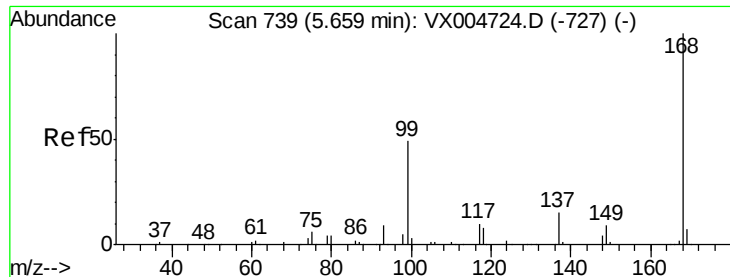
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004783.D

Acq: 27 Sep 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

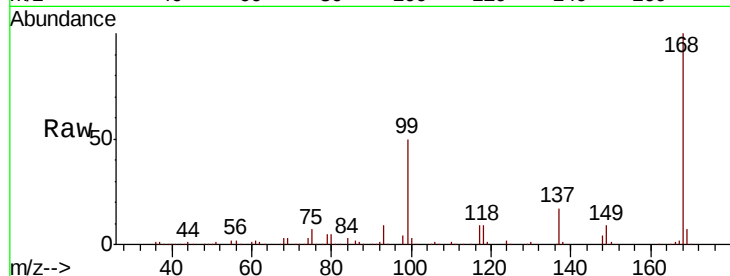
CMT-22-6-SEP18

Tot Ion:168 Resp: 236939

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

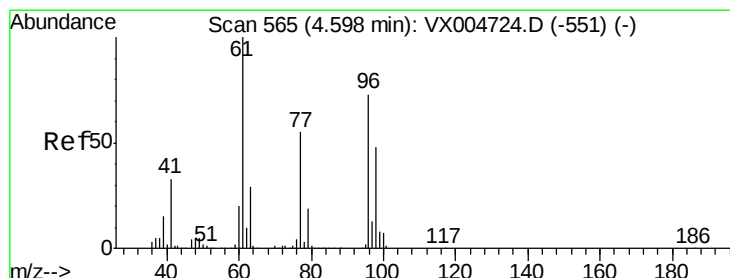
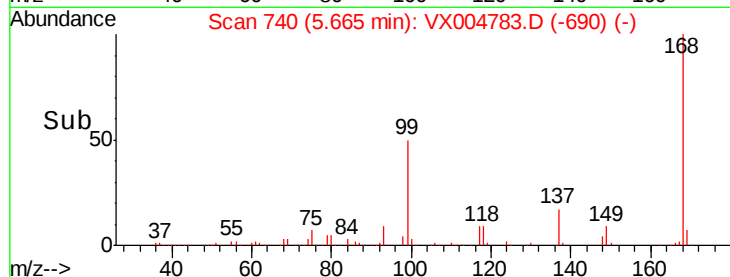
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#27

cis-1,2-Dichloroethene

Concen: 3.413 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX004783.D

Acq: 27 Sep 2018 19:17

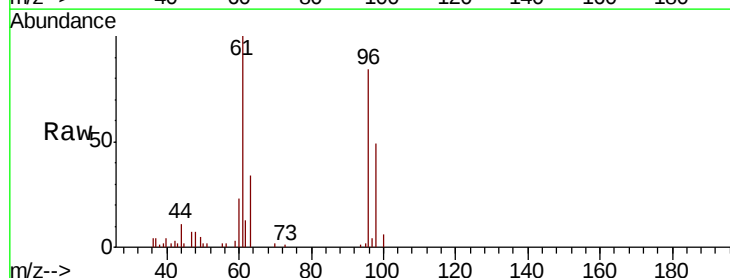
Tgt Ion: 96 Resp: 10715

Ion Ratio Lower Upper

96 100

61 131.9 0.0 282.6

98 65.9 0.0 130.2



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

6000

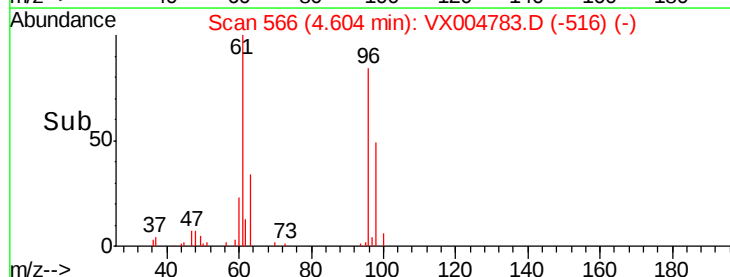
4000

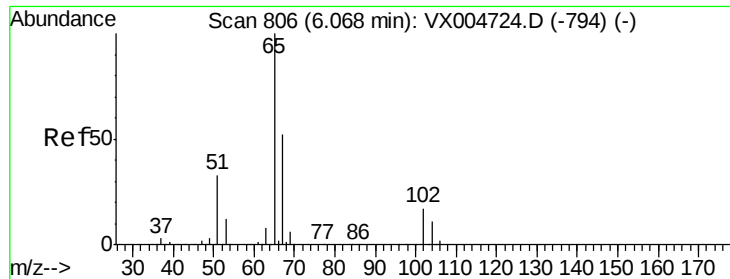
2000

0

Time-->

4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 54.000 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004783.D

Acq: 27 Sep 2018 19:17

Instrument :

MSVOA_X

ClientSampleId :

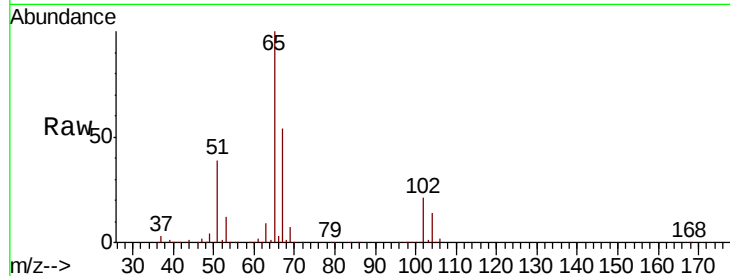
CMT-22-6-SEP18

Tot Ion: 65 Resp: 182774

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

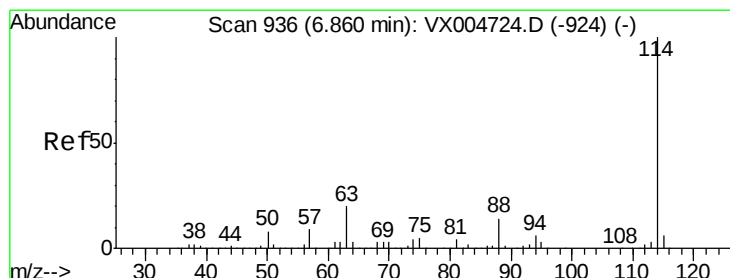
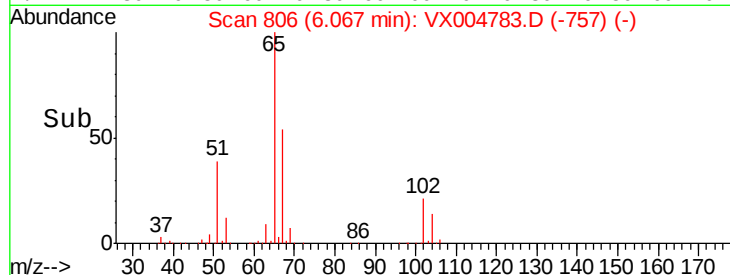
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004783.D

Acq: 27 Sep 2018 19:17

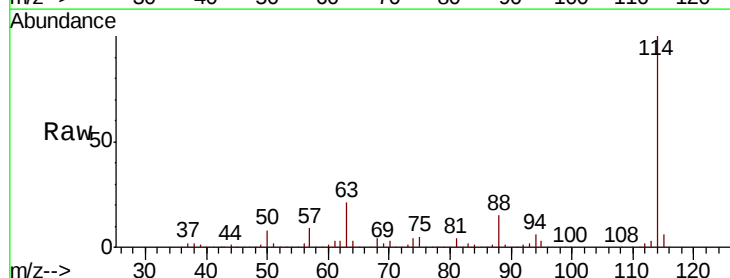
Tgt Ion: 114 Resp: 387996

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

88 15.1 0.0 30.4



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

200000

150000

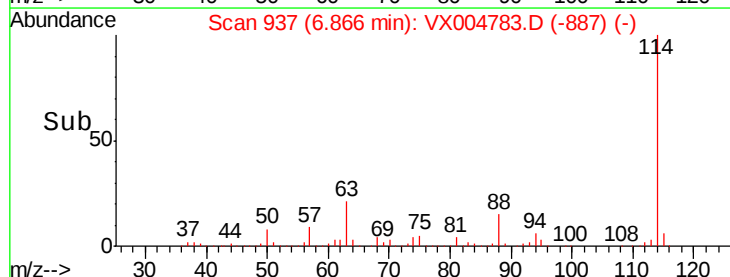
100000

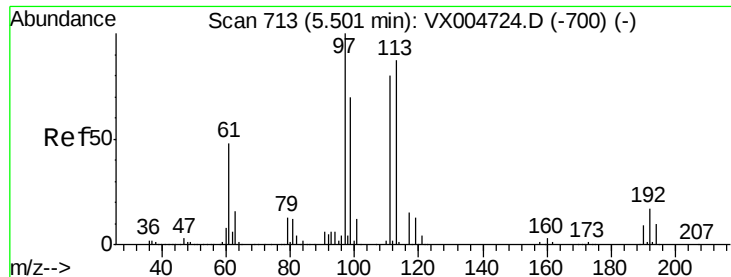
50000

0

Time-->

6.80 6.90 7.00

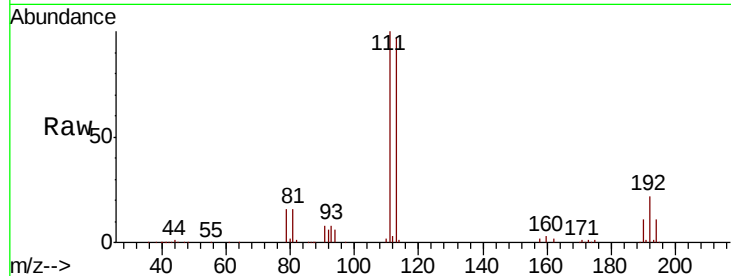




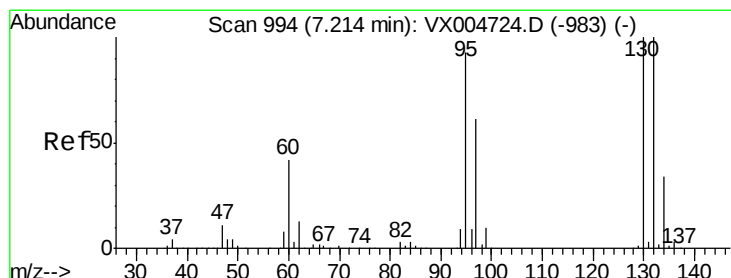
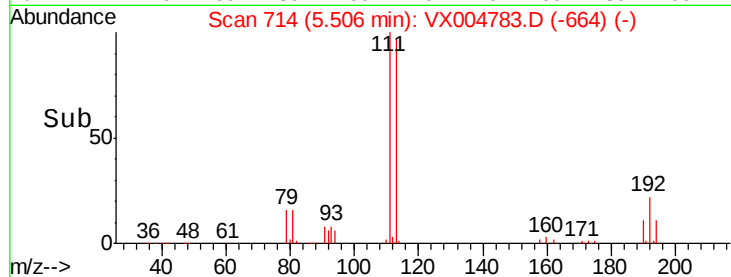
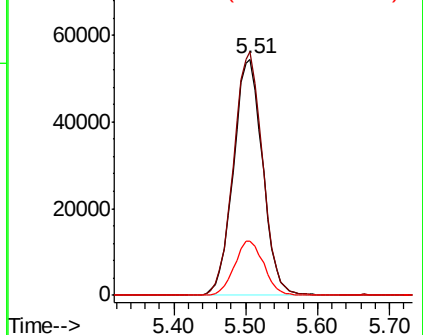
#35
 Dibromofluoromethane
 Concen: 46.652 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004783.D
 Acq: 27 Sep 2018 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	23.2	19.4	29.2

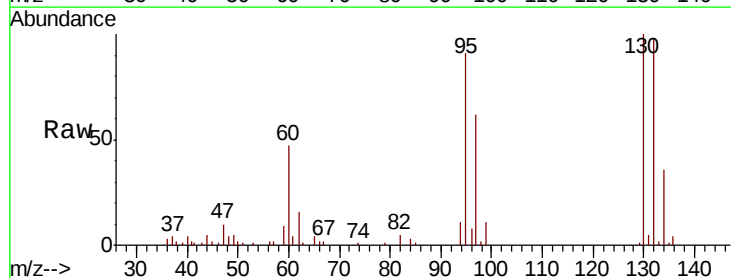


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

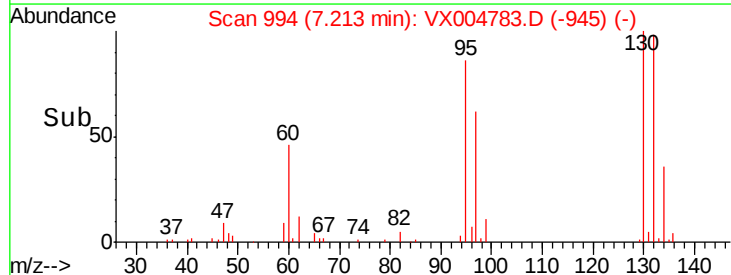
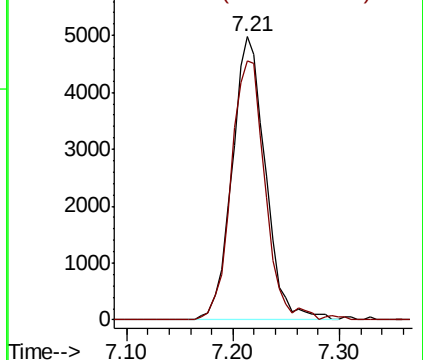


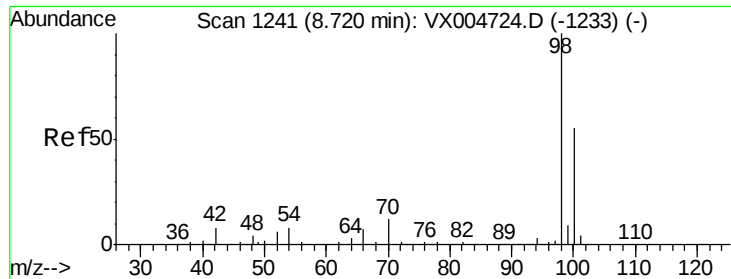
#44
 Trichloroethene
 Concen: 3.164 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004783.D
 Acq: 27 Sep 2018 19:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	181.6



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

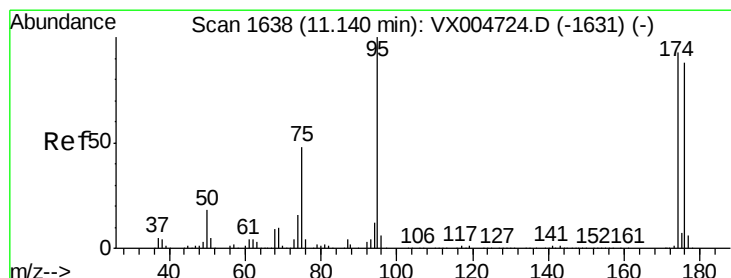
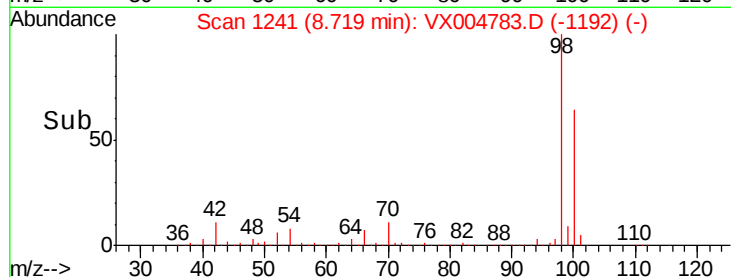
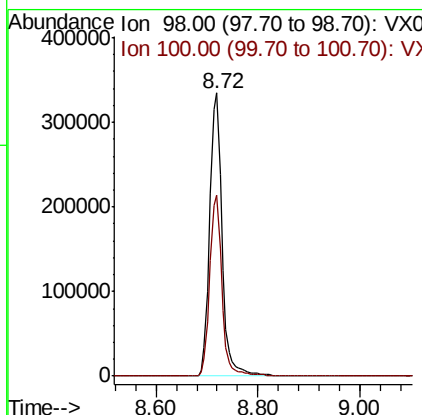
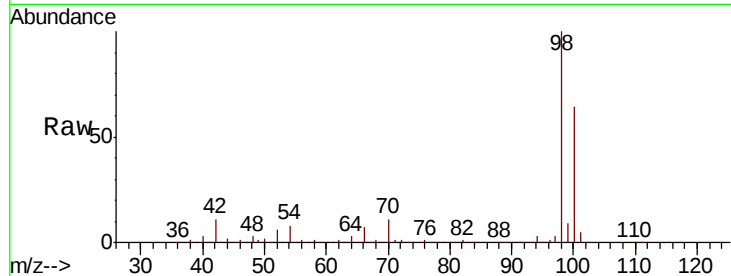




#50
Toluene-d8
Concen: 51.560 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004783.D
Acq: 27 Sep 2018 19:17

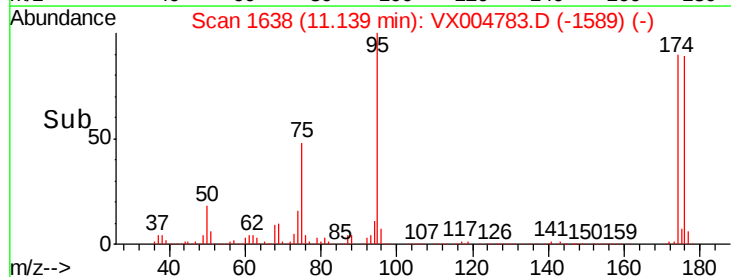
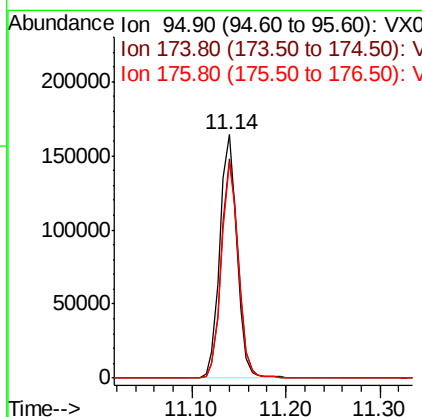
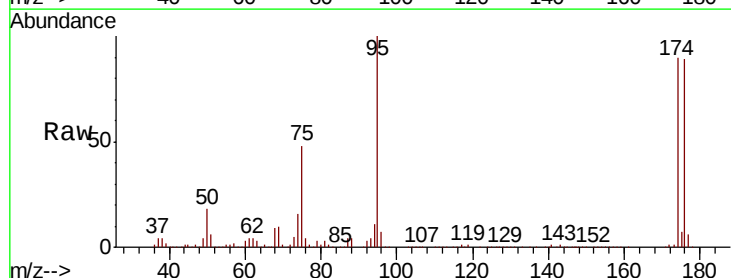
Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18

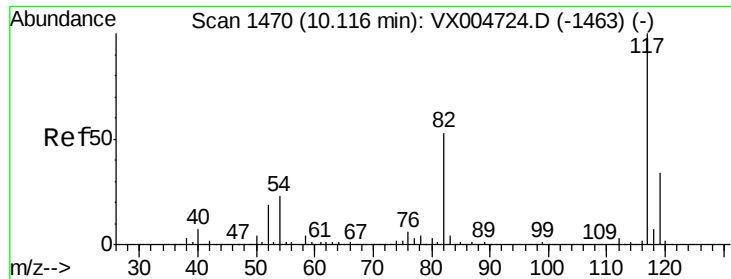
Tot Ion: 98 Resp: 563652
Ion Ratio Lower Upper
98 100
100 63.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 53.001 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004783.D
Acq: 27 Sep 2018 19:17

Tgt Ion: 95 Resp: 208735
Ion Ratio Lower Upper
95 100
174 90.2 0.0 185.2
176 87.3 0.0 178.6

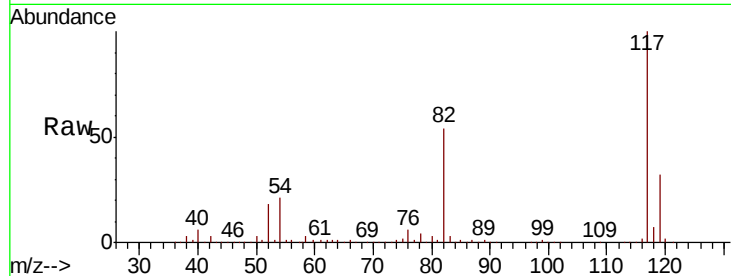




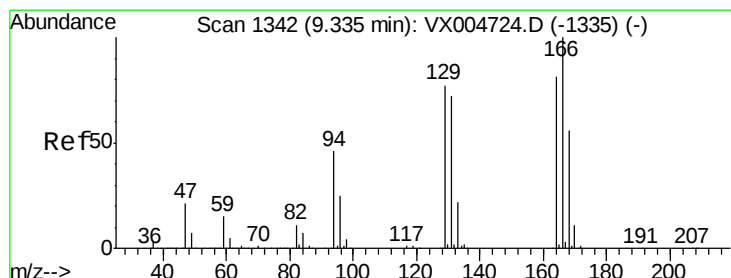
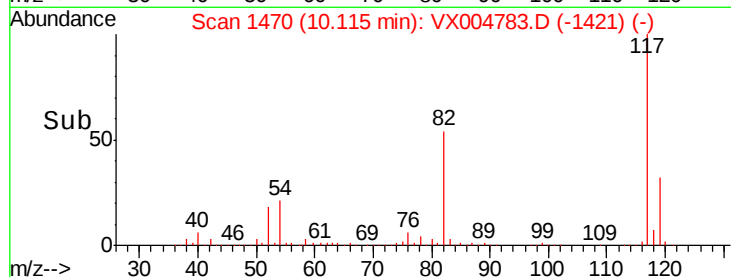
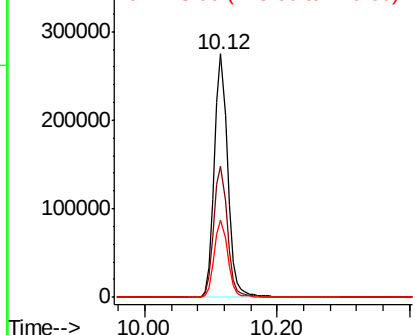
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004783.D
Acq: 27 Sep 2018 19:17

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18

Tot Ion:117 Resp: 383841
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 31.6 29.3 43.9

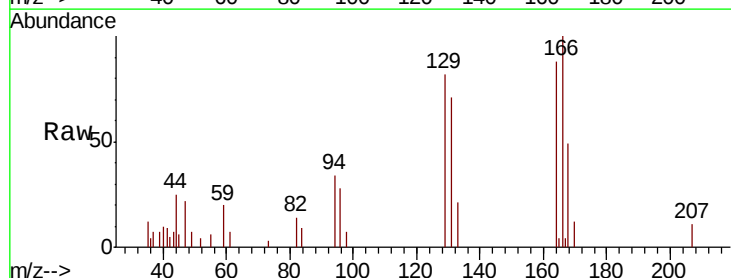


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

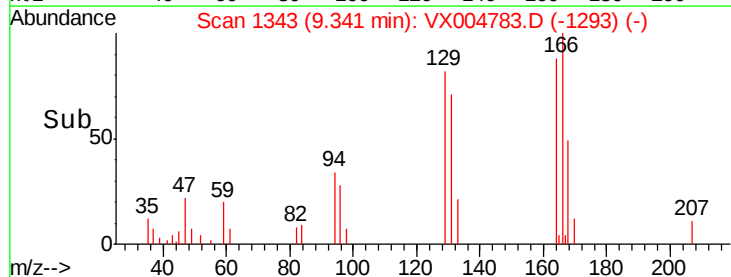
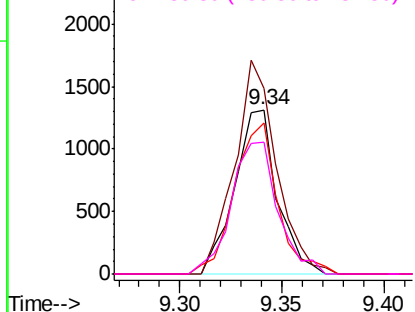


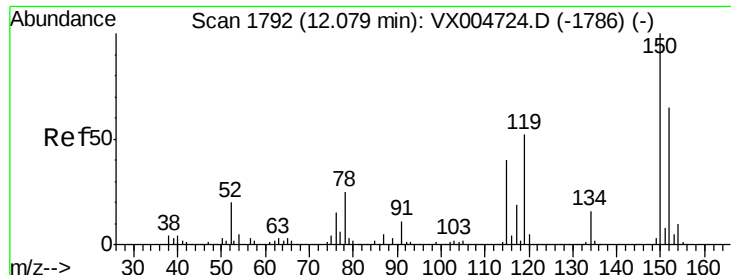
#64
Tetrachloroethene
Concen: 0.505 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX004783.D
Acq: 27 Sep 2018 19:17

Tgt Ion:164 Resp: 1909
Ion Ratio Lower Upper
164 100
166 113.3 102.8 154.2
129 92.4 69.4 104.0
131 80.2 67.9 101.9



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: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004783.D
 Acq: 27 Sep 2018 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.0	117.0
150	154.5	0.0	351.0

