

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008234.D
 Acq On : 20 Mar 2019 11:56
 Operator : JC/SP
 Sample : K1860-09DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20190311DL

Quant Time: Mar 22 06:37:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

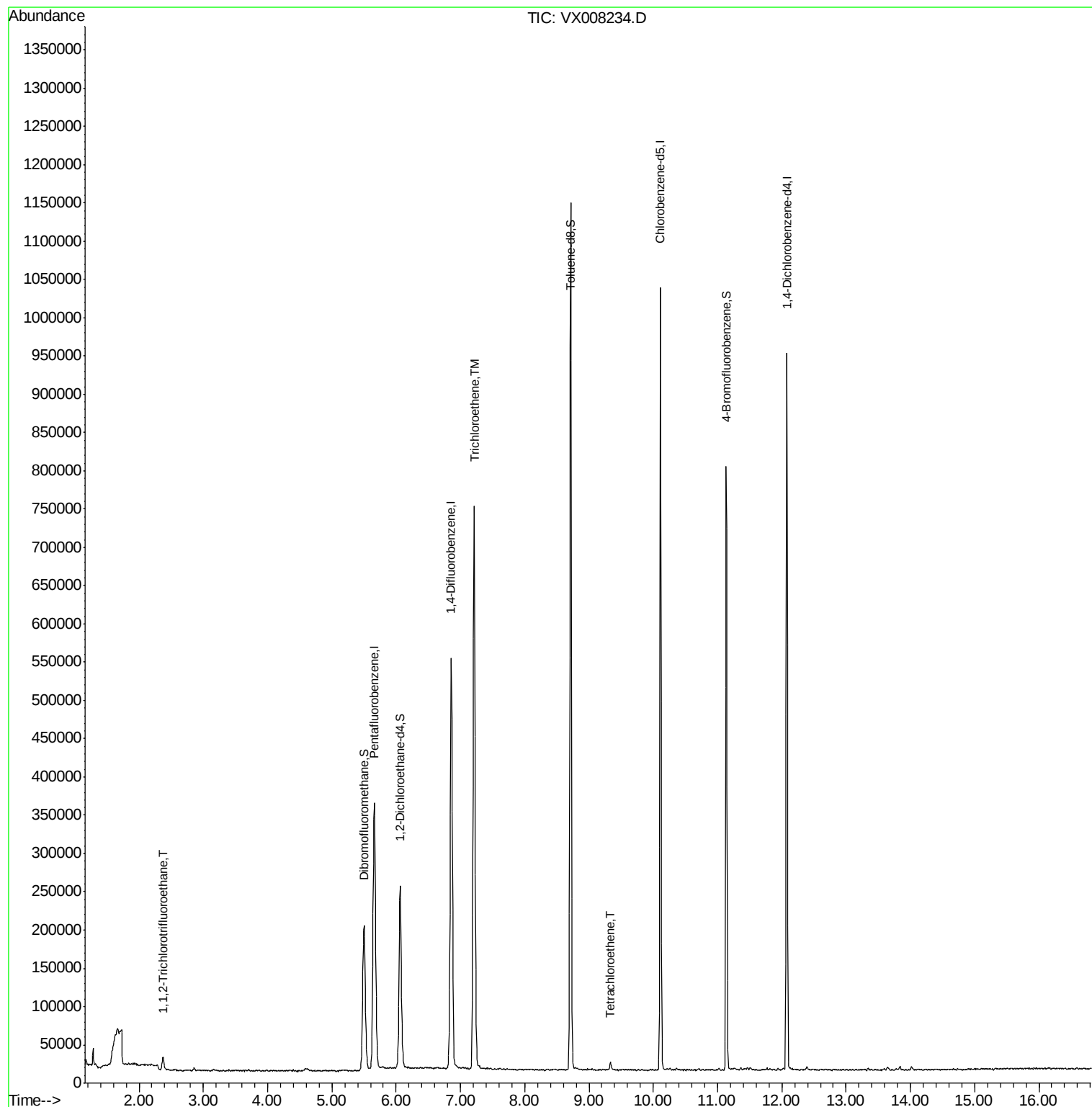
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	325875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	526955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	434082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	224042	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
35) Dibromofluoromethane	5.50	113	164685	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
50) Toluene-d8	8.71	98	645549	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	11.13	95	206699	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	5611	1.340	ug/l	89
44) Trichloroethene	7.21	130	274182	61.753	ug/l	91
64) Tetrachloroethene	9.34	164	2062	0.527	ug/l	96

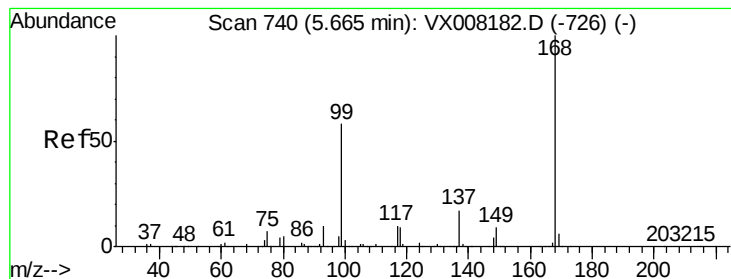
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032019\
Data File : VX008234.D
Acq On : 20 Mar 2019 11:56
Operator : JC/SP
Sample : K1860-09DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20190311DL

Quant Time: Mar 22 06:37:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008234.D

Acq: 20 Mar 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

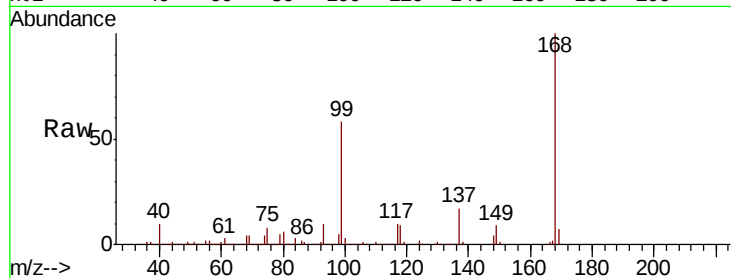
DUP04-20190311DL

Tot Ion:168 Resp: 325875

Ion Ratio Lower Upper

168 100

99 57.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

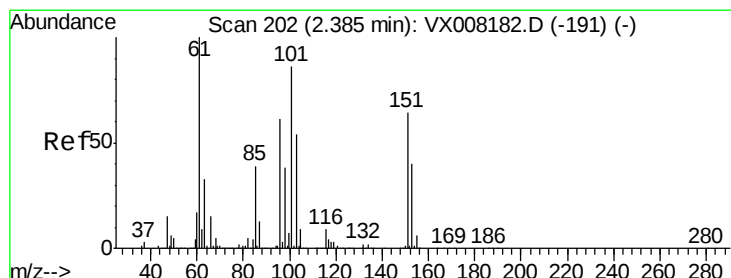
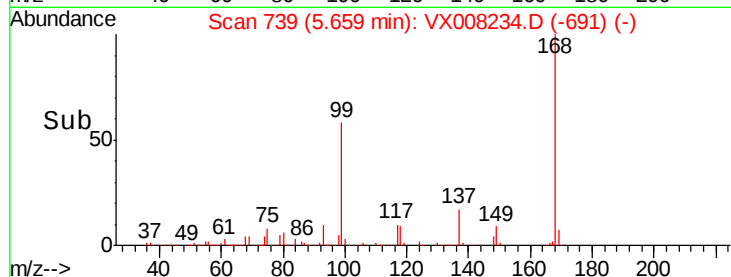
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.340 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008234.D

Acq: 20 Mar 2019 11:56

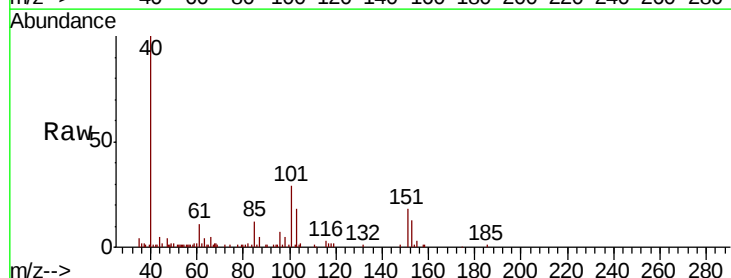
Tgt Ion:101 Resp: 5611

Ion Ratio Lower Upper

101 100

85 47.2 33.8 50.6

151 74.7 69.1 103.7



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

4000

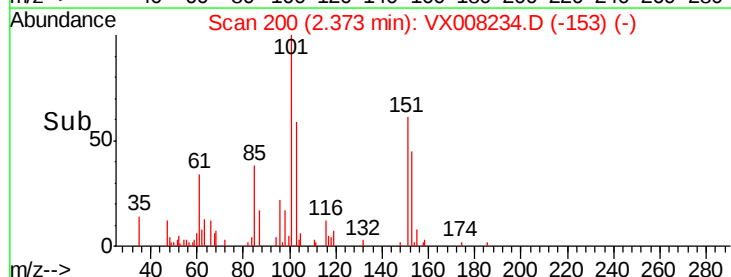
3000

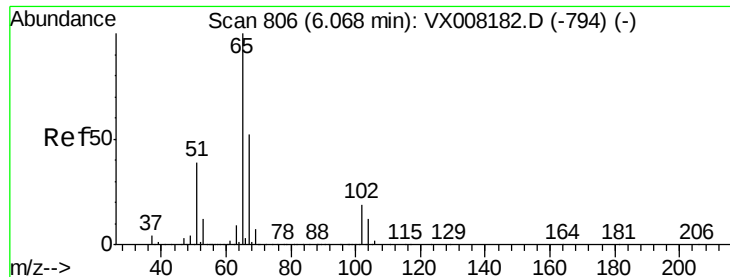
2000

1000

0

Time--> 2.30 2.35 2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 45.649 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008234.D

Acq: 20 Mar 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

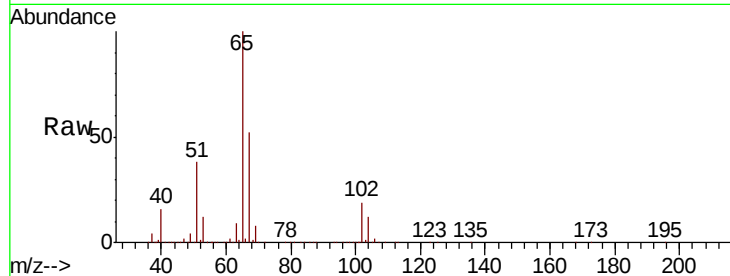
DUP04-20190311DL

Tot Ion: 65 Resp: 224042

Ion Ratio Lower Upper

65 100

67 53.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

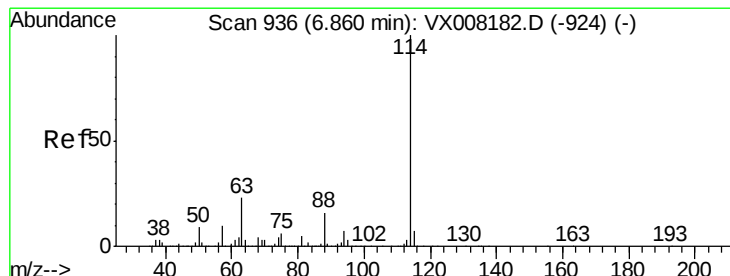
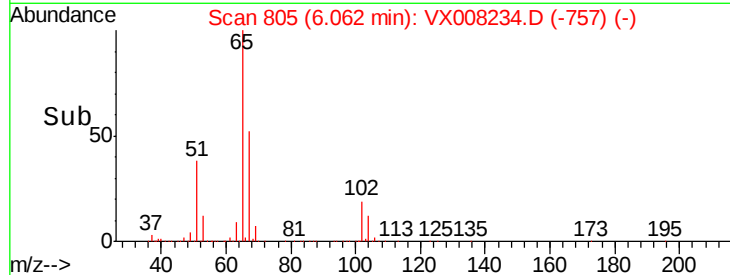
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008234.D

Acq: 20 Mar 2019 11:56

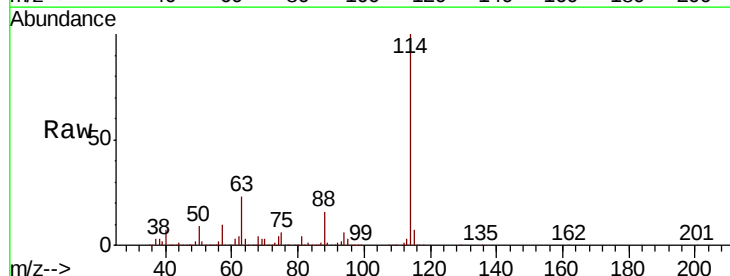
Tgt Ion: 114 Resp: 526955

Ion Ratio Lower Upper

114 100

63 22.6 0.0 39.8

88 16.3 0.0 31.4



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

300000

250000

200000

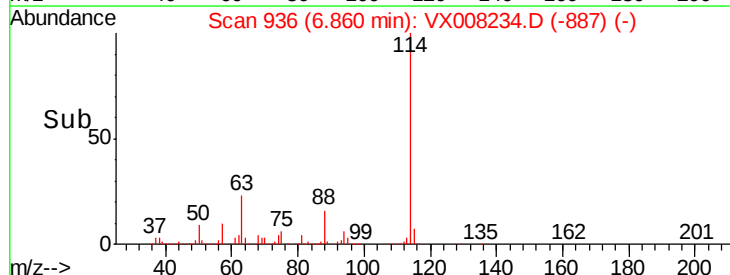
150000

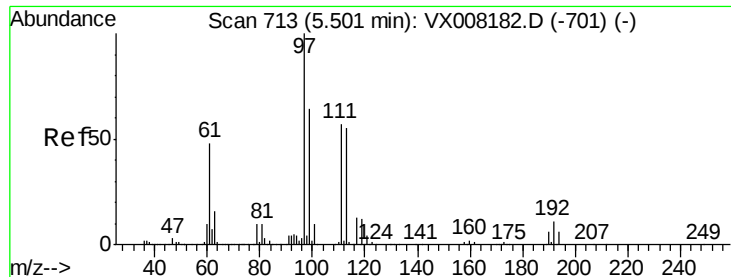
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

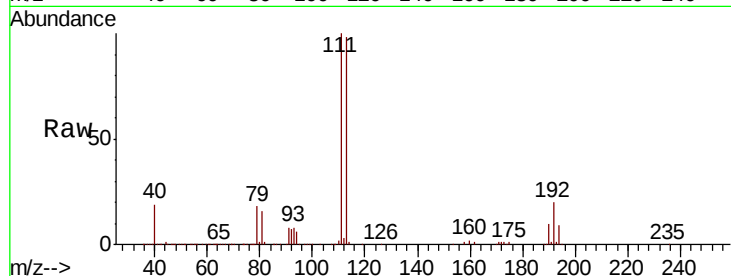




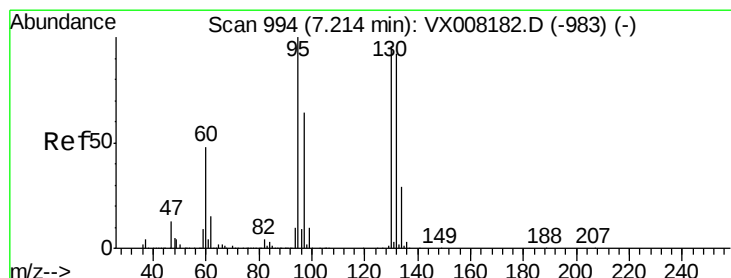
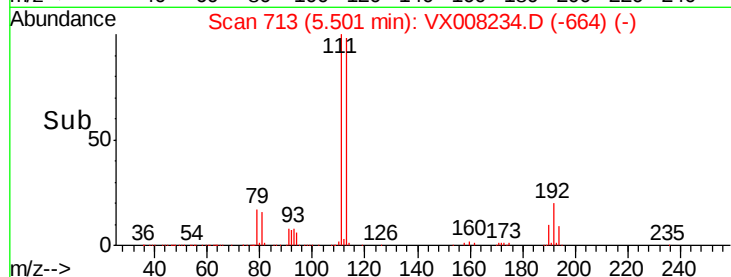
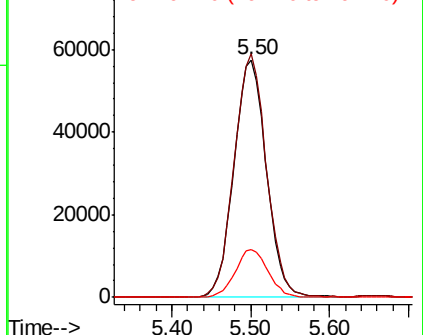
#35
 Dibromofluoromethane
 Concen: 46.685 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008234.D
 Acq: 20 Mar 2019 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20190311DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	20.4	19.4	29.0

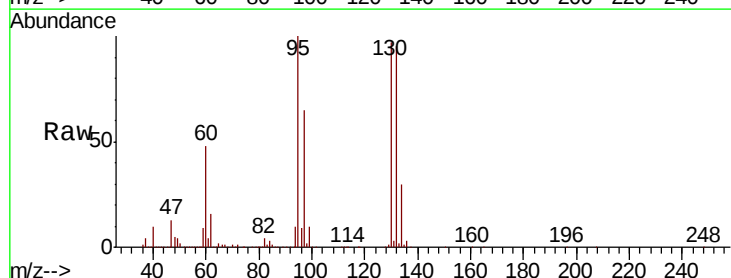


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

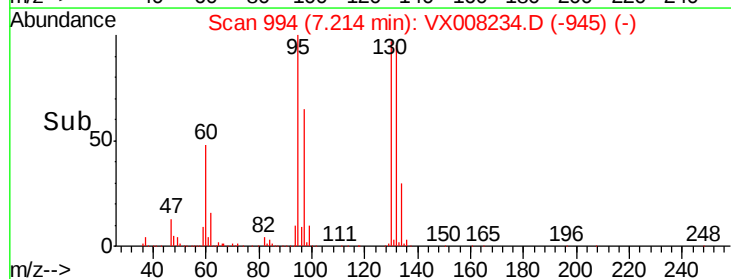
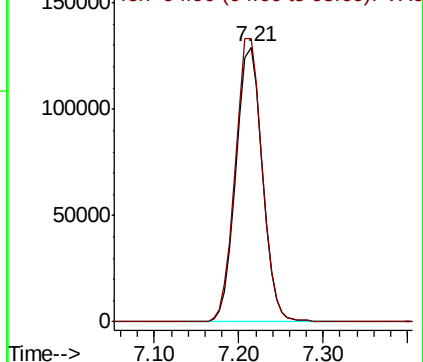


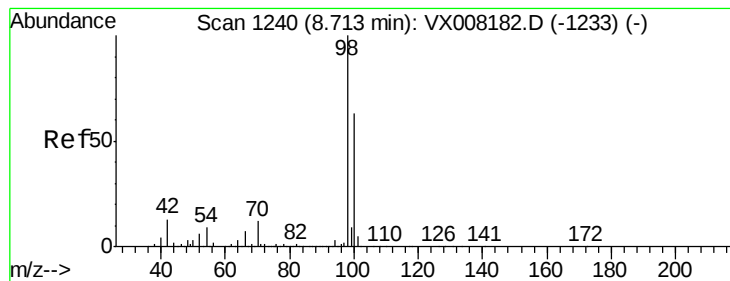
#44
 Trichloroethene
 Concen: 61.753 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008234.D
 Acq: 20 Mar 2019 11:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	188.0



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





#50

Toluene-d8

Concen: 48.267 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008234.D

Acq: 20 Mar 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

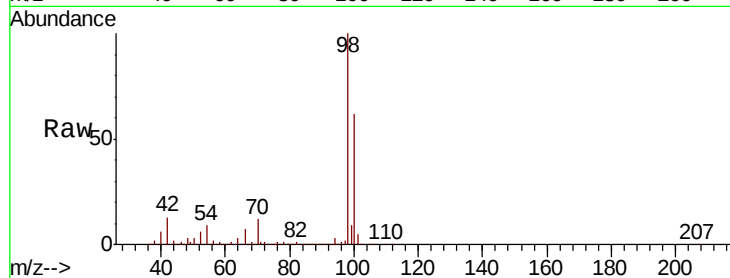
DUP04-20190311DL

Tot Ion: 98 Resp: 645549

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

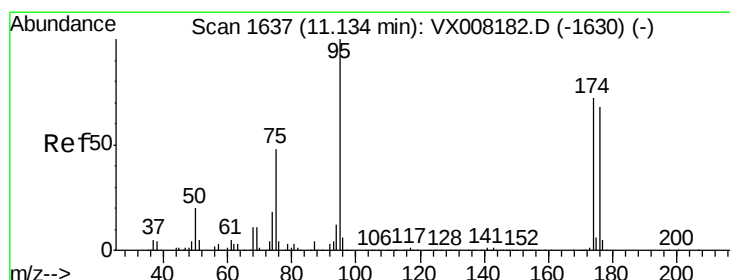
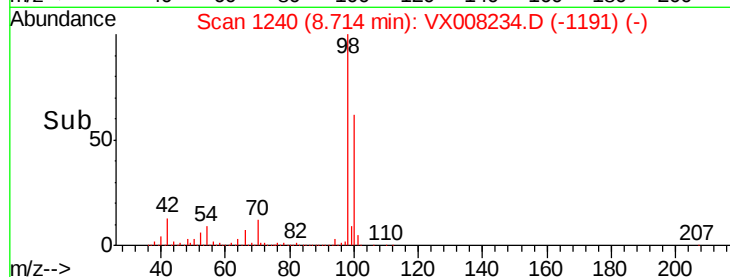
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.885 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008234.D

Acq: 20 Mar 2019 11:56

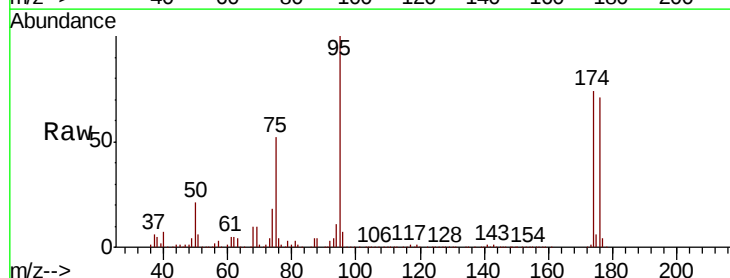
Tgt Ion: 95 Resp: 206699

Ion Ratio Lower Upper

95 100

174 78.0 0.0 182.8

176 75.7 0.0 178.0



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

11.13

200000

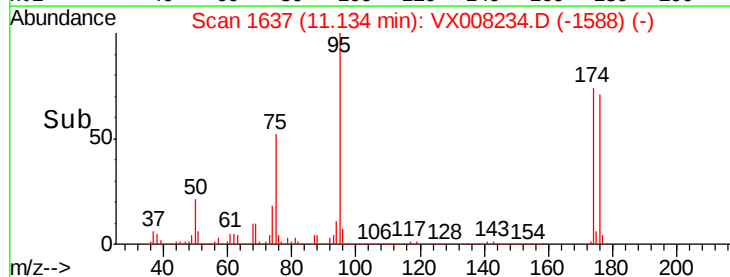
150000

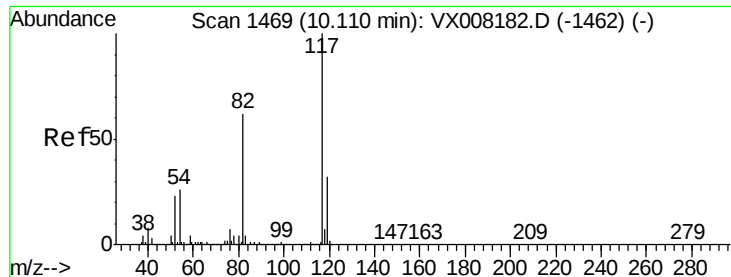
100000

50000

0

Time--> 11.10 11.20

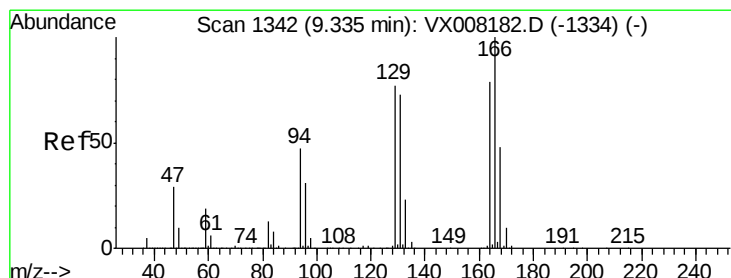
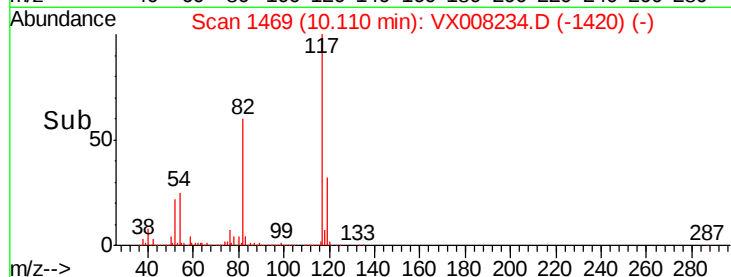
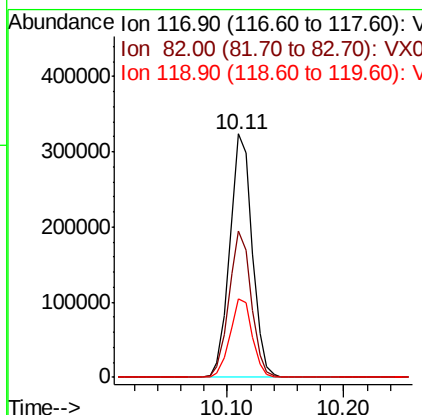
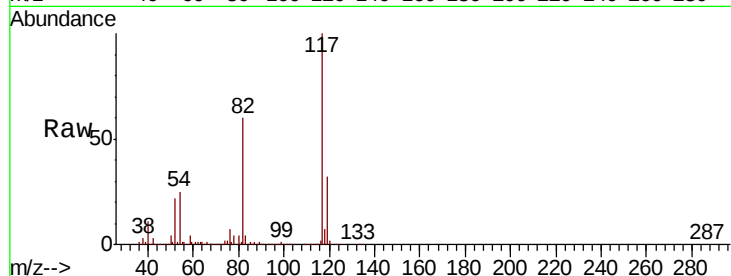




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008234.D
Acq: 20 Mar 2019 11:56

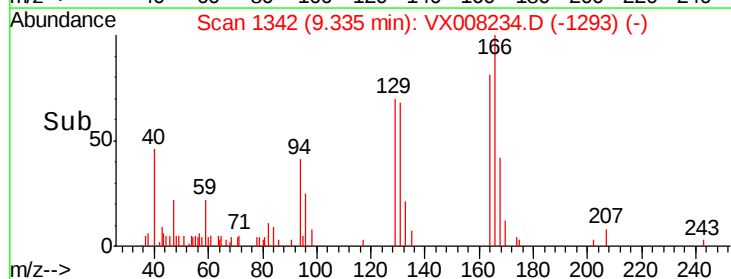
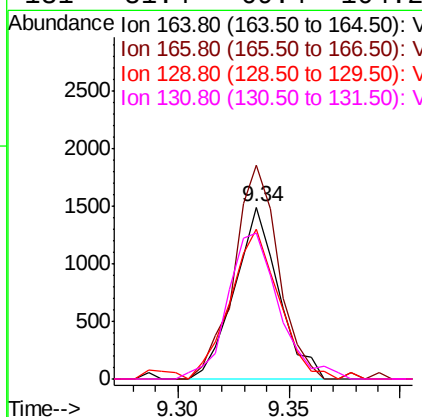
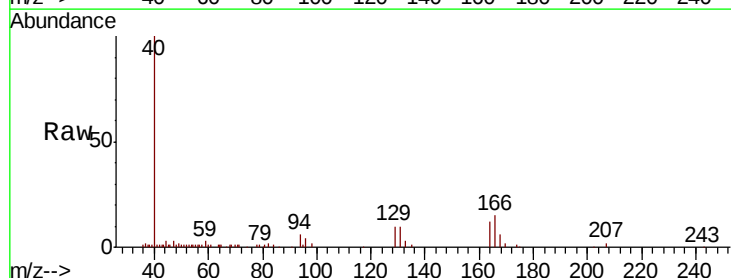
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20190311DL

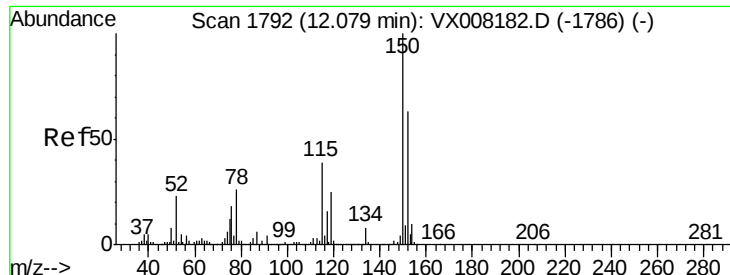
Tot Ion:117 Resp: 434082
Ion Ratio Lower Upper
117 100
82 60.3 44.3 66.5
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 0.527 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008234.D
Acq: 20 Mar 2019 11:56

Tgt Ion:164 Resp: 2062
Ion Ratio Lower Upper
164 100
166 124.2 103.4 155.0
129 87.0 72.2 108.4
131 81.4 69.4 104.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008234.D

Acq: 20 Mar 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20190311DL

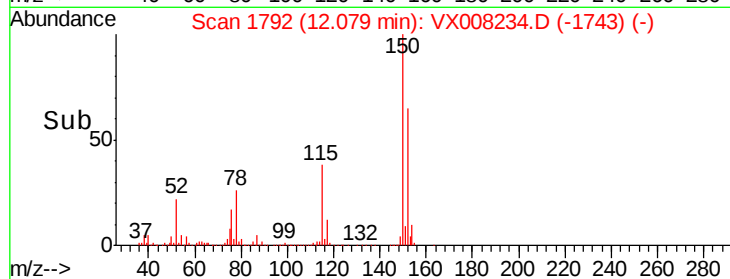
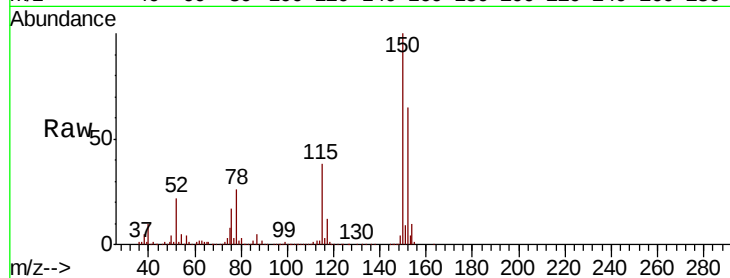
Tot Ion:152 Resp: 186862

Ion Ratio Lower Upper

152 100

115 60.0 38.6 115.7

150 155.2 0.0 348.4



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

