

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011373.D
 Acq On : 07 Aug 2019 19:14
 Operator : JC/SP
 Sample : K4220-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24B_080719

Quant Time: Aug 08 07:52:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

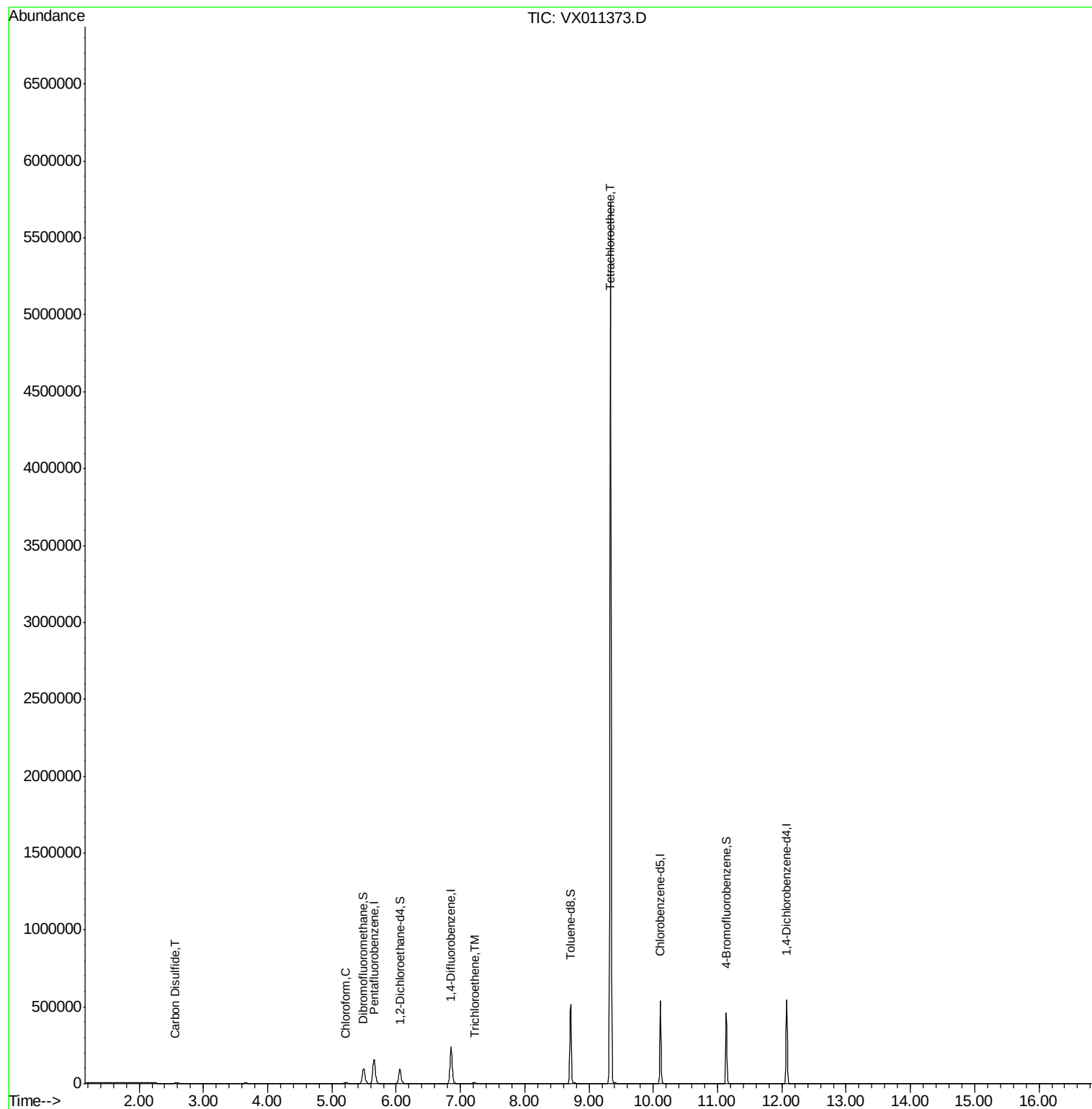
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	156208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	88681	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
35) Dibromofluoromethane	5.49	113	82581	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	8.71	98	309552	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.13	95	112045	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
17) Carbon Disulfide	2.56	76	4426	1.327	ug/l #	92
30) Chloroform	5.21	83	6620	2.481	ug/l	87
44) Trichloroethene	7.21	130	2876	1.451	ug/l	96
64) Tetrachloroethene	9.34	164	1090098	524.059	ug/l	95

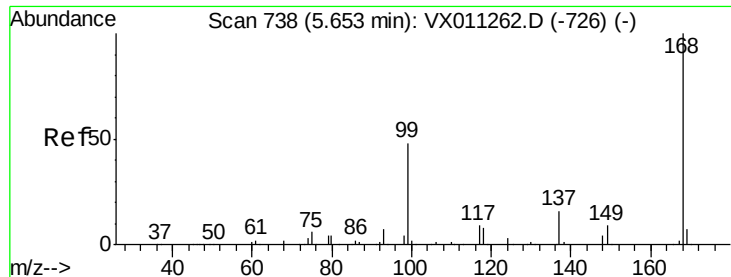
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 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: VX011373.D

Acq: 07 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

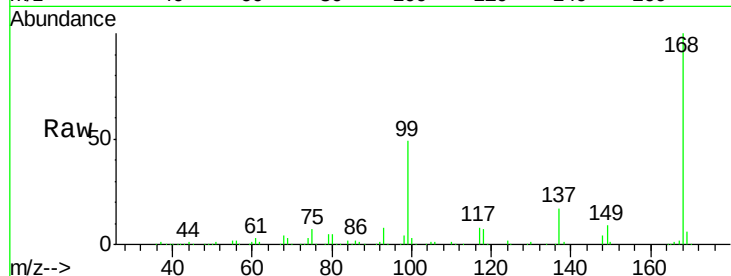
MW-24B_080719

Tot Ion:168 Resp: 156208

Ion Ratio Lower Upper

168 100

99 48.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

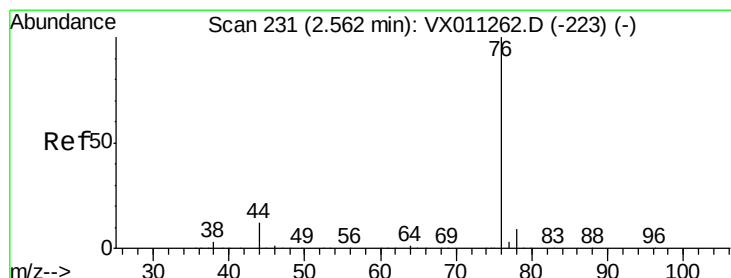
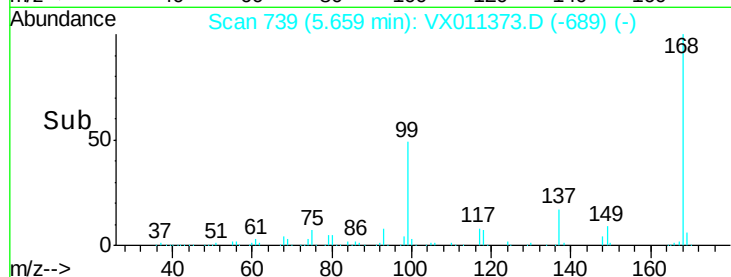
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#17

Carbon Disulfide

Concen: 1.327 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011373.D

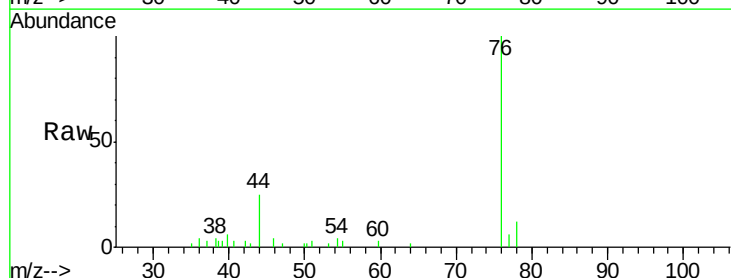
Acq: 07 Aug 2019 19:14

Tgt Ion: 76 Resp: 4426

Ion Ratio Lower Upper

76 100

78 11.9 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

3000

2500

2000

1500

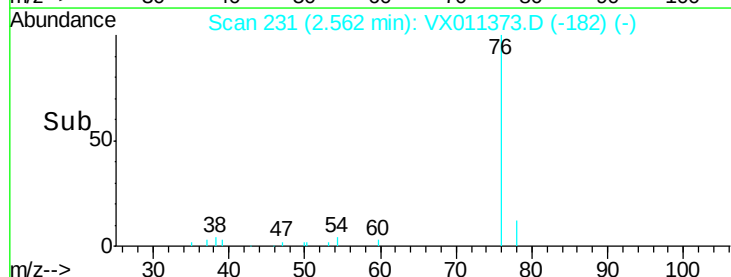
1000

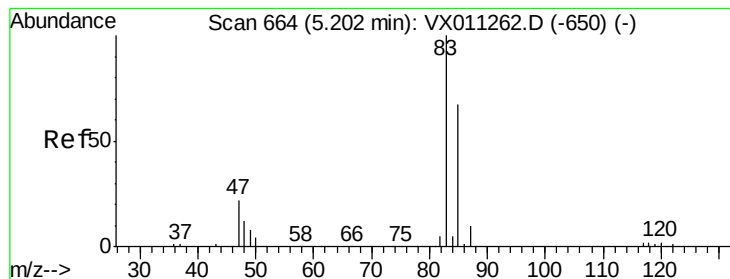
500

0

Time-->

2.50 2.55 2.60 2.65





#30

Chloroform

Concen: 2.481 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011373.D

Acq: 07 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

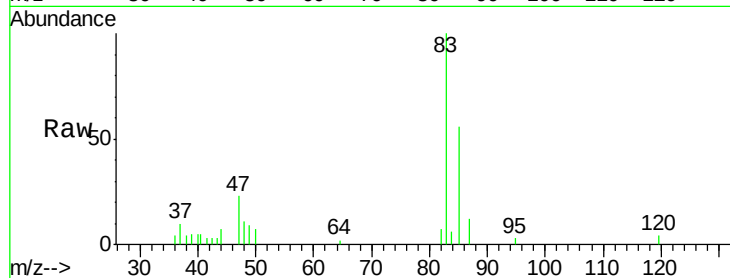
MW-24B_080719

Tot Ion: 83 Resp: 6620

Ion Ratio Lower Upper

83 100

85 55.9 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

2500

2000

1500

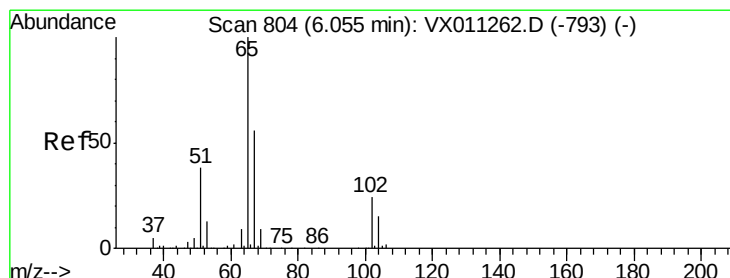
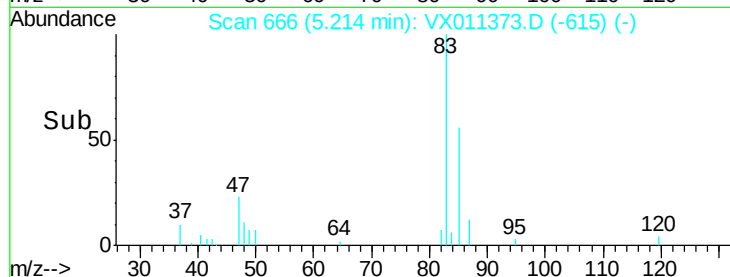
1000

500

0

Time-->

5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 56.373 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011373.D

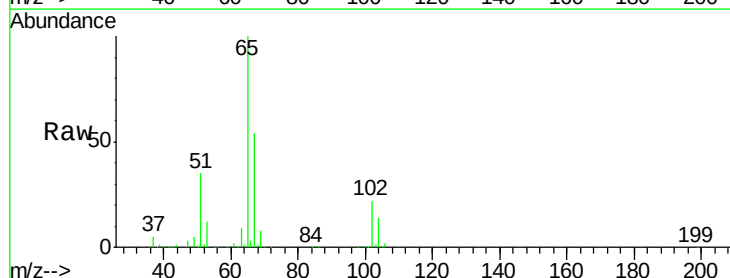
Acq: 07 Aug 2019 19:14

Tgt Ion: 65 Resp: 88681

Ion Ratio Lower Upper

65 100

67 53.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

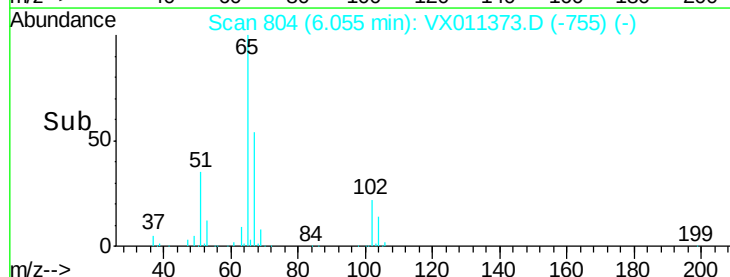
20000

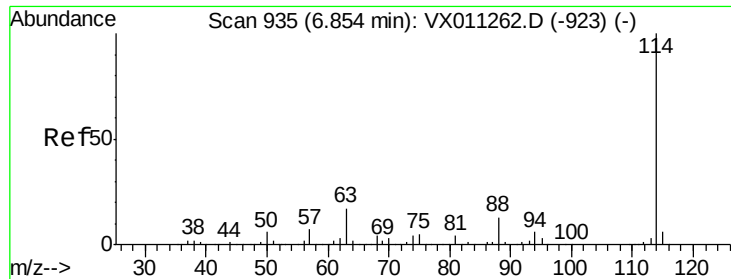
10000

0

Time-->

5.90 6.00 6.10 6.20

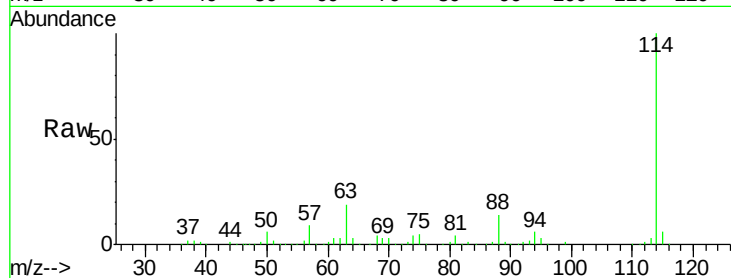




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011373.D
 Acq: 07 Aug 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24B_080719

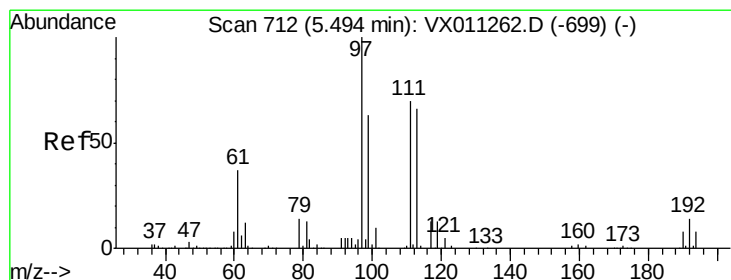
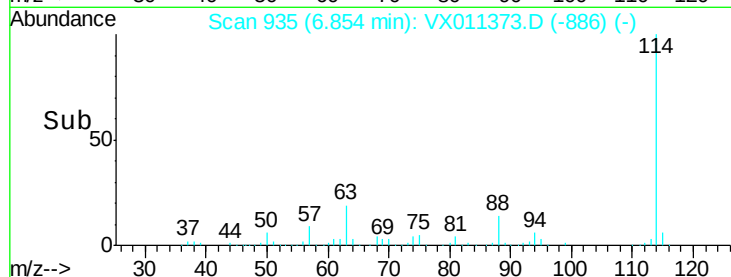
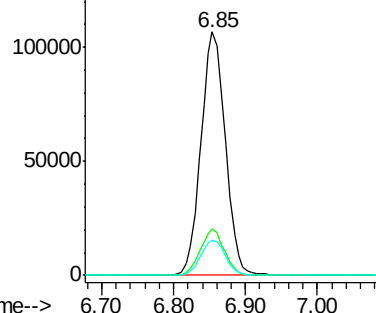
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	34.0
88	14.4	0.0	26.4



Abundance Ion 113.90 (113.60 to 114.60): V

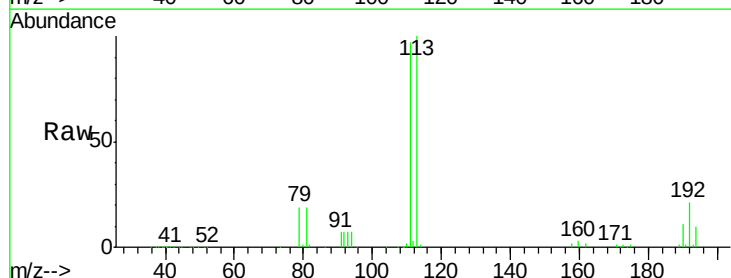
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 50.330 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011373.D
 Acq: 07 Aug 2019 19:14

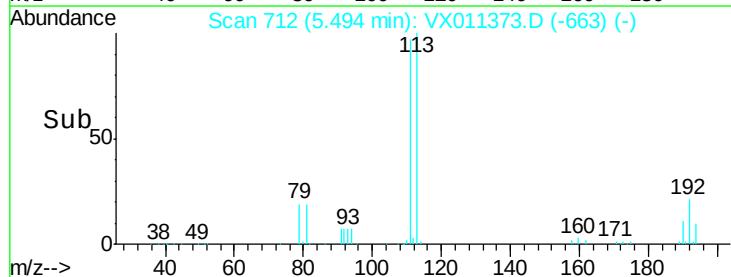
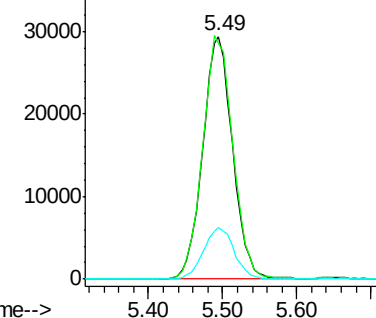
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	21.8	17.8	26.8

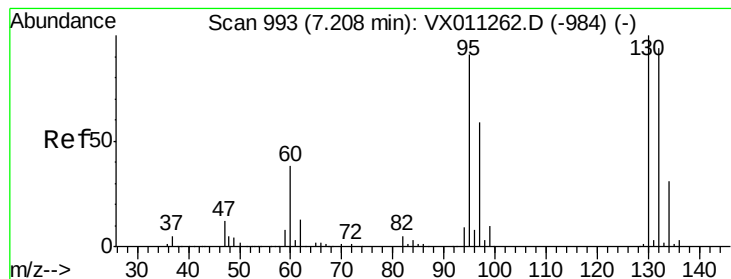


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.451 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX011373.D

Acq: 07 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

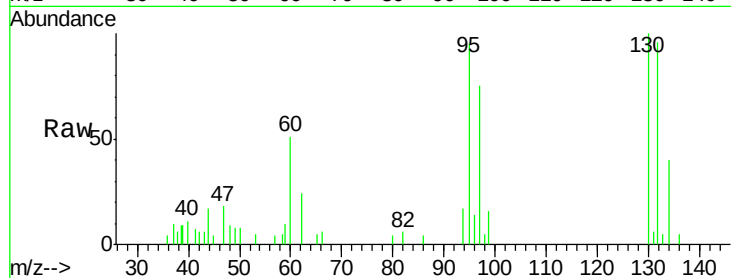
MW-24B_080719

Tot Ion:130 Resp: 2876

Ion Ratio Lower Upper

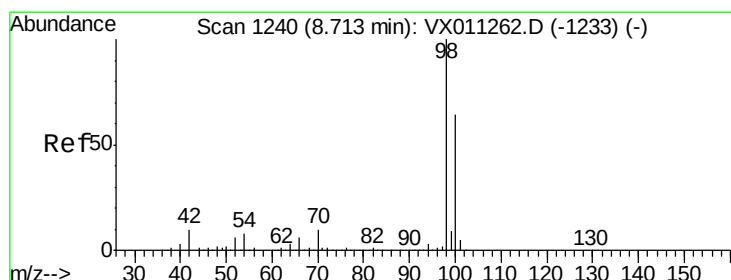
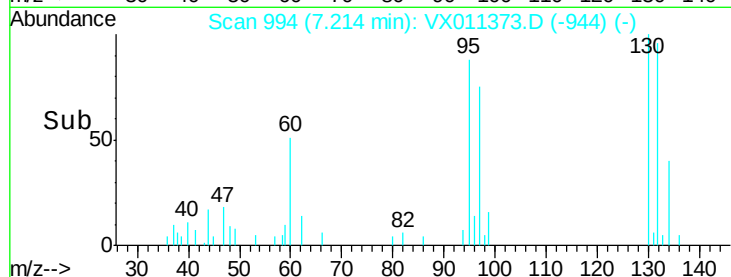
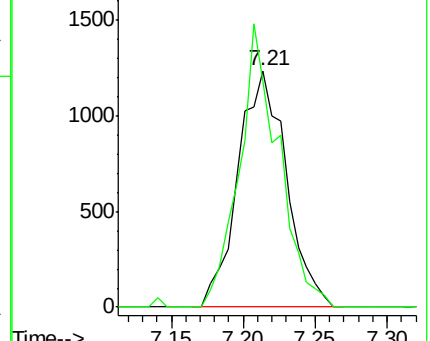
130 100

95 95.2 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.980 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011373.D

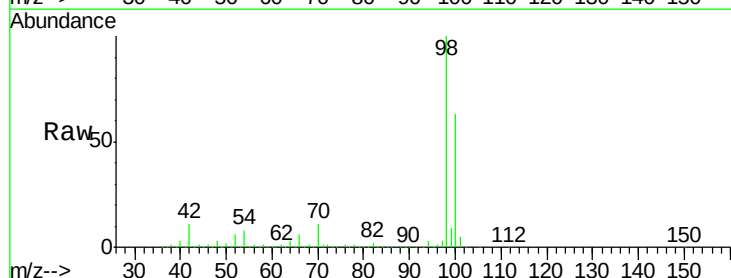
Acq: 07 Aug 2019 19:14

Tgt Ion: 98 Resp: 309552

Ion Ratio Lower Upper

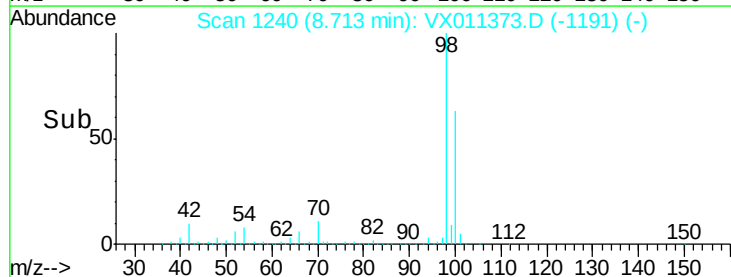
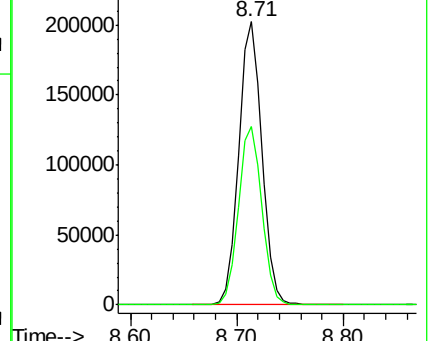
98 100

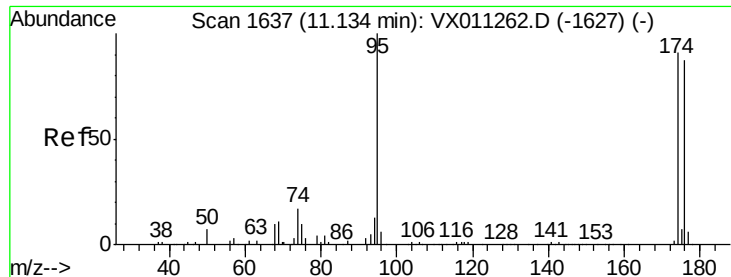
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 50.670 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011373.D

Acq: 07 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

MW-24B_080719

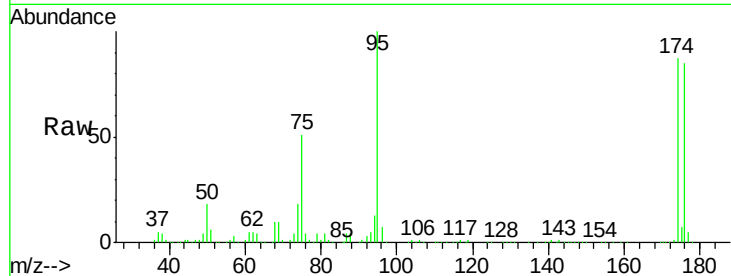
Tot Ion: 95 Resp: 112045

Ion Ratio Lower Upper

95 100

174 90.3 0.0 191.2

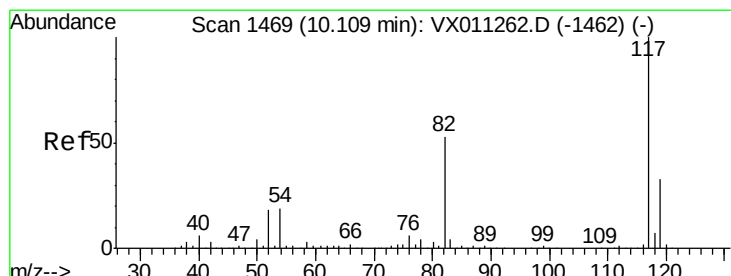
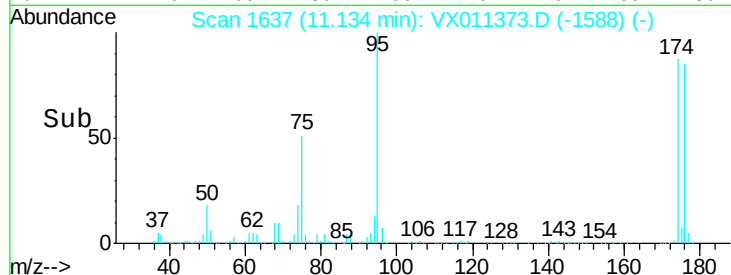
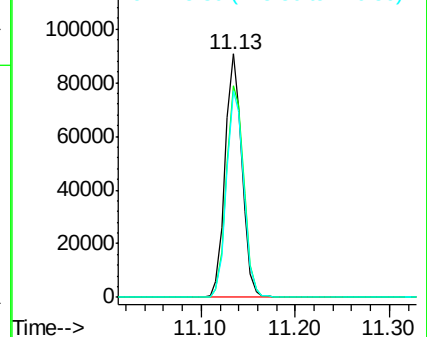
176 86.9 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011373.D

Acq: 07 Aug 2019 19:14

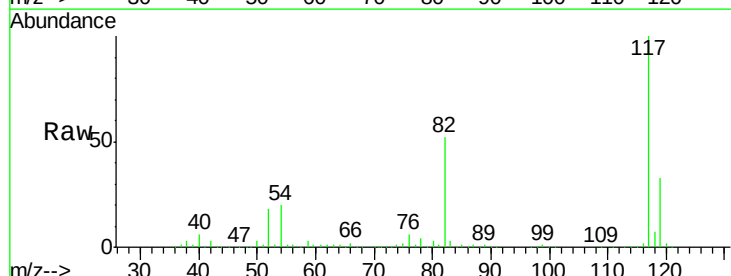
Tgt Ion: 117 Resp: 244938

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.2

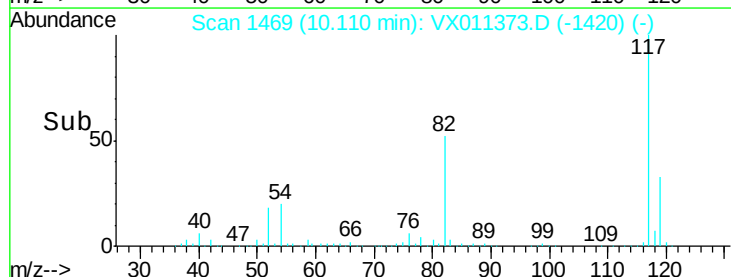
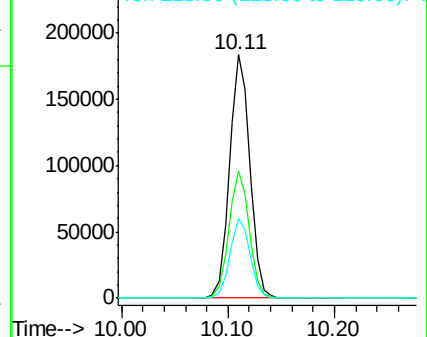
119 32.9 26.6 39.8

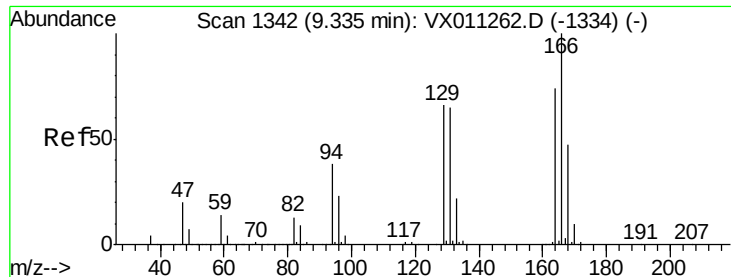


Abundance Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)





#64

Tetrachloroethene

Concen: 524.059 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011373.D

Acq: 07 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

MW-24B_080719

Tot Ion:164 Resp: 1090098

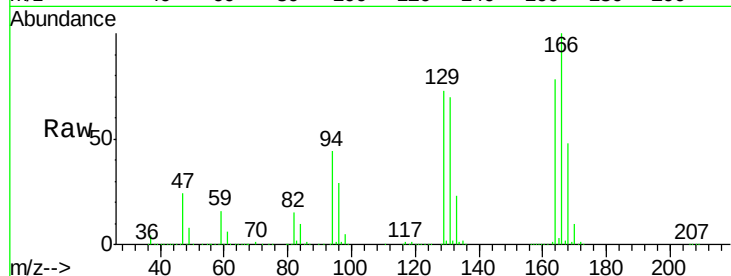
Ion Ratio Lower Upper

164 100

166 127.8 107.5 161.3

129 92.8 71.0 106.4

131 90.0 69.8 104.6

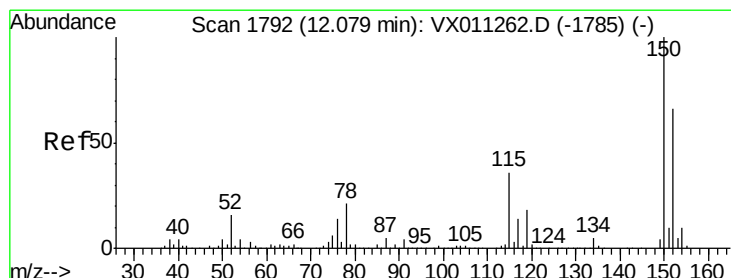
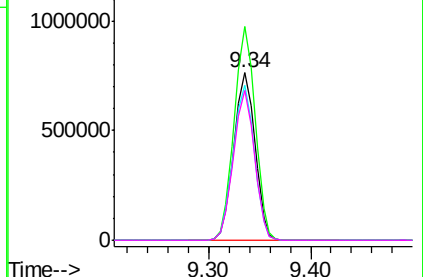
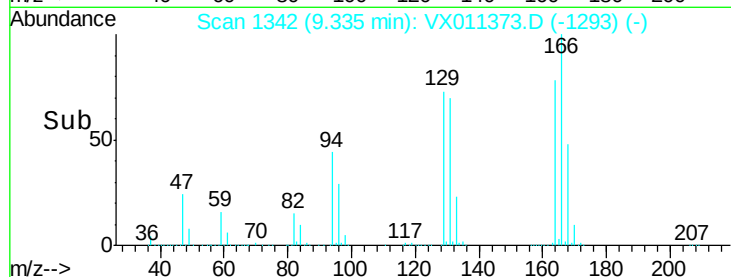


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011373.D

Acq: 07 Aug 2019 19:14

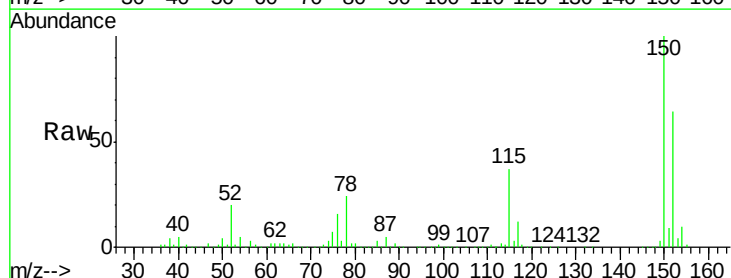
Tgt Ion:152 Resp: 115691

Ion Ratio Lower Upper

152 100

115 55.2 40.0 119.9

150 154.6 0.0 350.4



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

