

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016391.D
 Acq On : 21 May 2020 18:04
 Operator : JC/SP
 Sample : L2730-03 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW246-200520

Quant Time: May 22 09:42:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

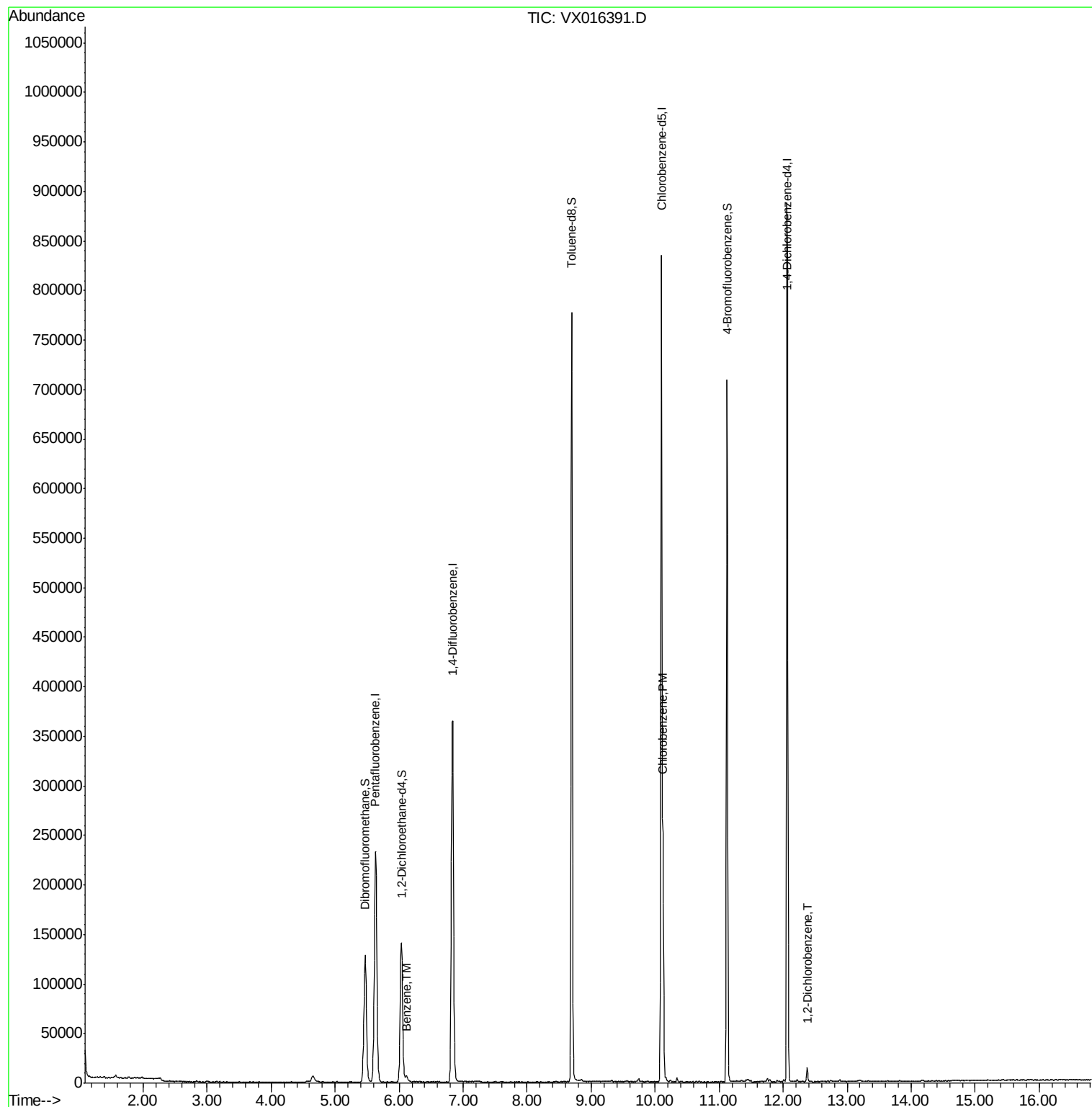
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	230562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	388314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	134138	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
35) Dibromofluoromethane	5.47	113	111537	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
50) Toluene-d8	8.70	98	470803	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.12	95	191711	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
Target Compounds						
40) Benzene	6.12	78	6883	0.615	ug/l	97
65) Chlorobenzene	10.12	112	100521	12.664	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	4684	0.754	ug/l	97

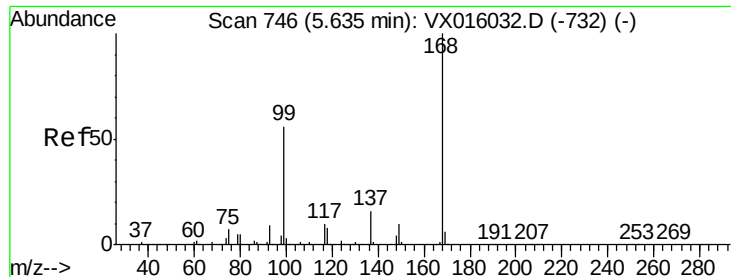
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016391.D

Acq: 21 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

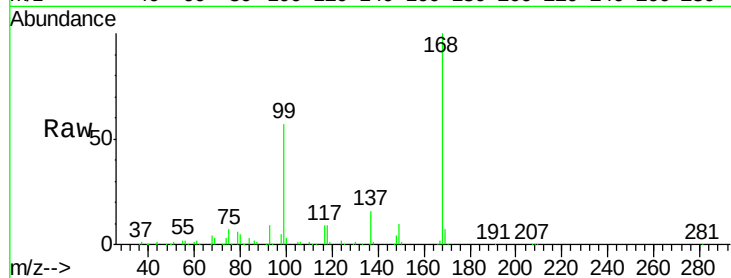
WP021RW246-200520

Tot Ion:168 Resp: 230562

Ion Ratio Lower Upper

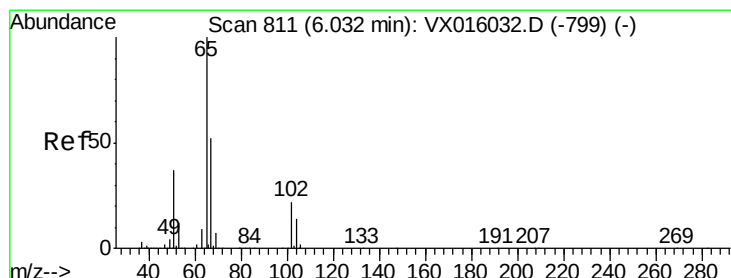
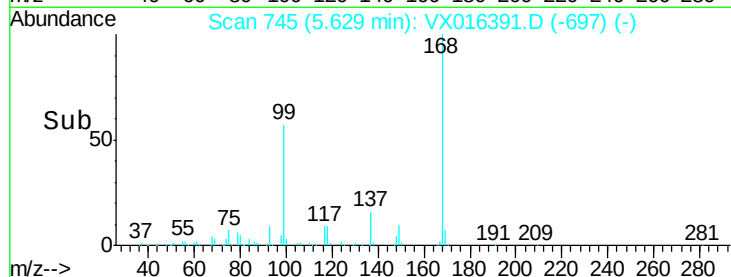
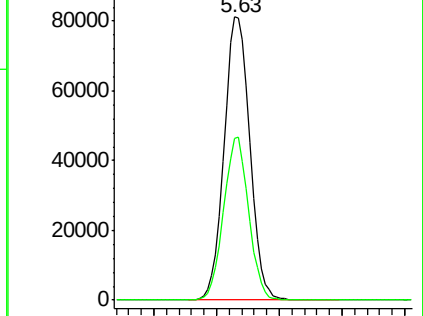
168 100

99 57.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.212 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016391.D

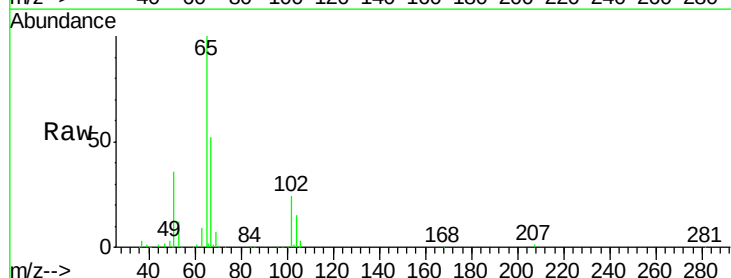
Acq: 21 May 2020 18:04

Tgt Ion: 65 Resp: 134138

Ion Ratio Lower Upper

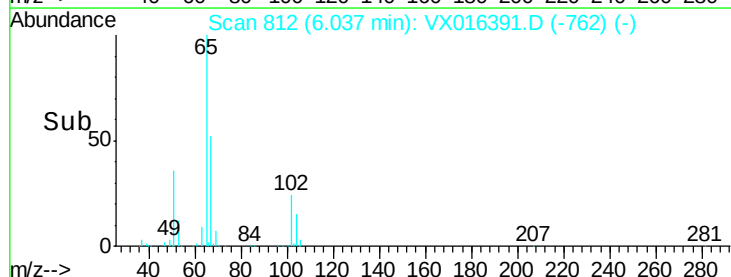
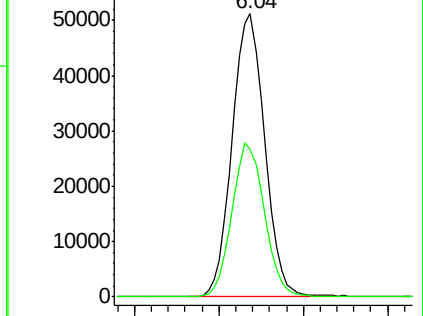
65 100

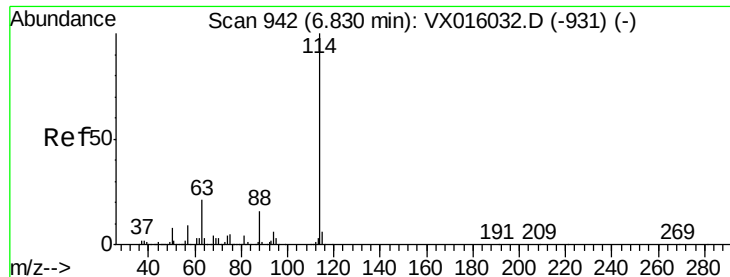
67 54.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016391.D

Acq: 21 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520

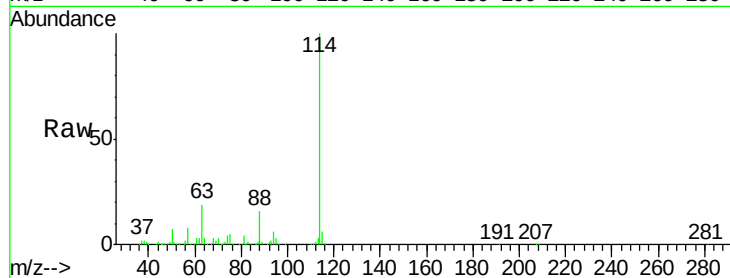
Tot Ion:114 Resp: 388314

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.8

88 15.7 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

200000

150000

100000

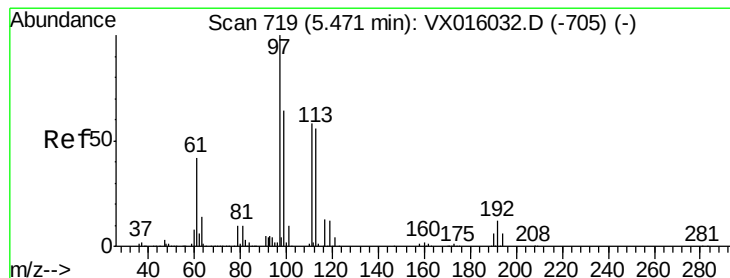
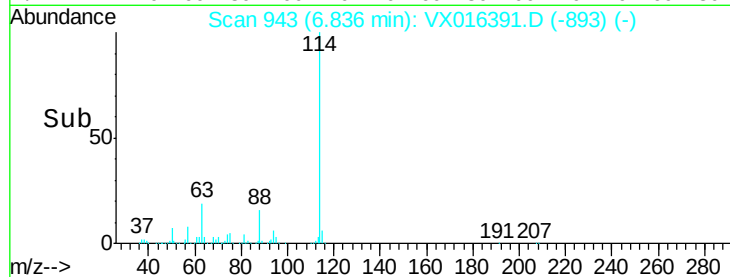
50000

0

6.84

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 45.338 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016391.D

Acq: 21 May 2020 18:04

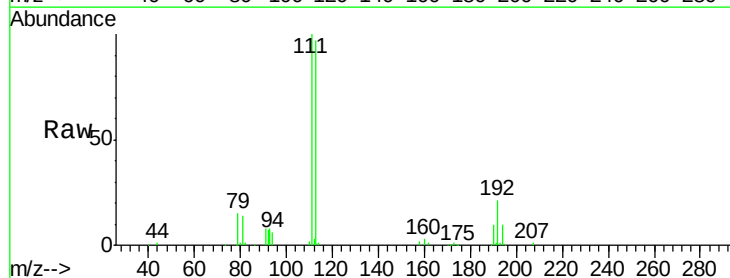
Tgt Ion:113 Resp: 111537

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

192 21.3 17.0 25.4



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

50000

40000

30000

20000

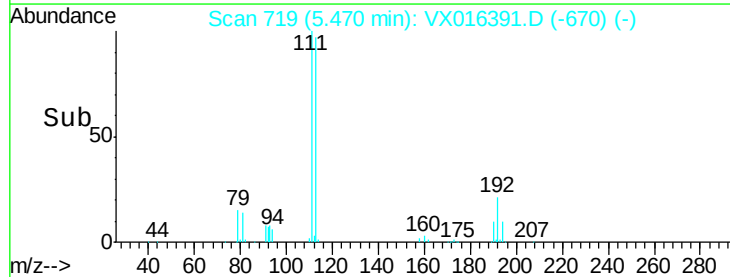
10000

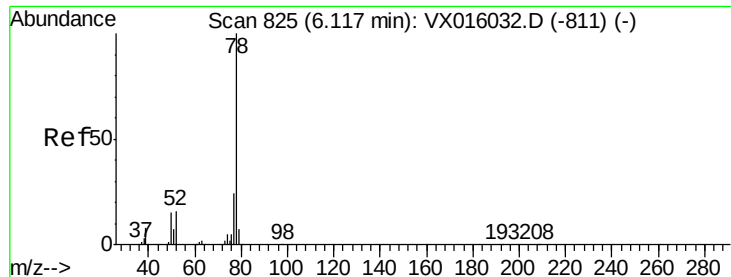
0

5.47

5.40 5.50 5.60

Time-->





#40

Benzene

Concen: 0.615 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016391.D

Acq: 21 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

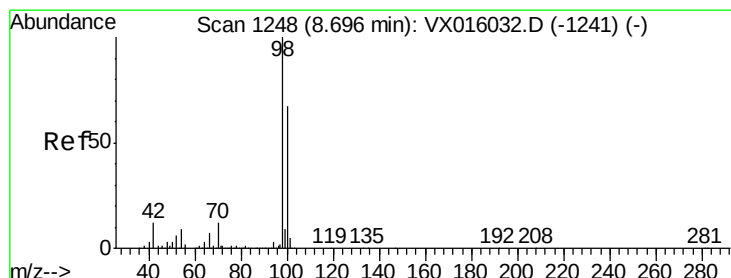
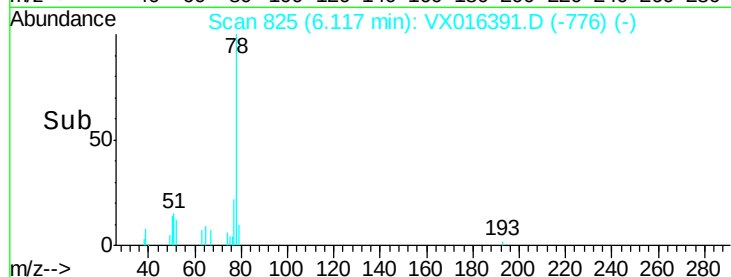
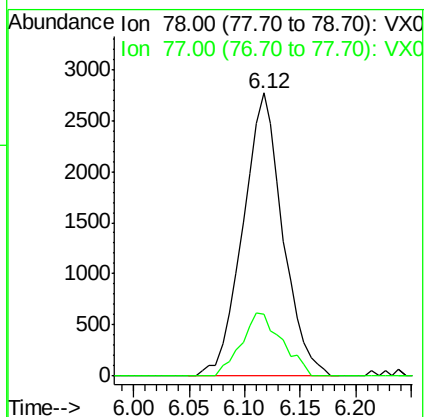
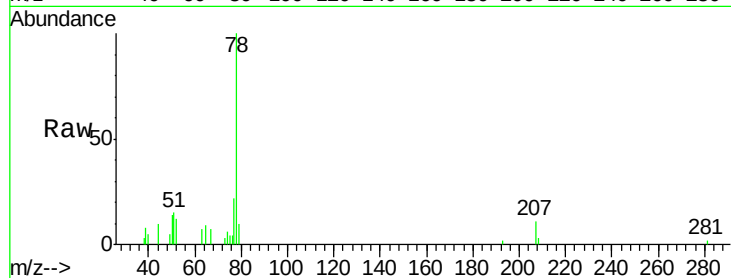
WP021RW246-200520

Tot Ion: 78 Resp: 6883

Ion Ratio Lower Upper

78 100

77 22.1 19.0 28.4



#50

Toluene-d8

Concen: 49.668 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016391.D

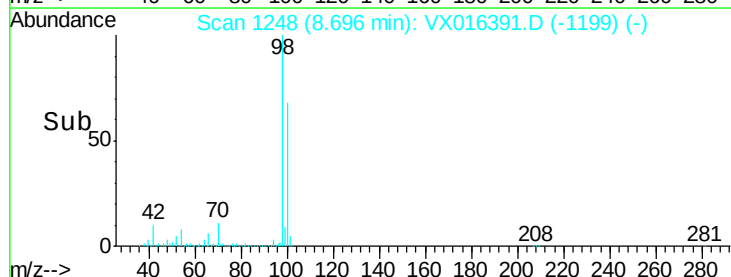
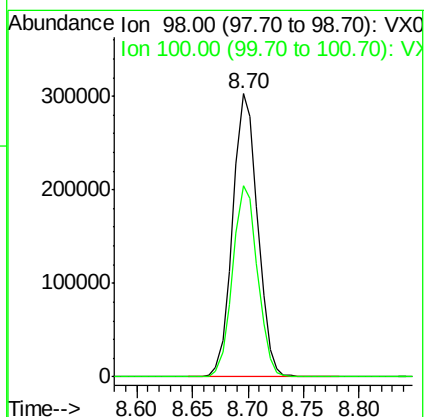
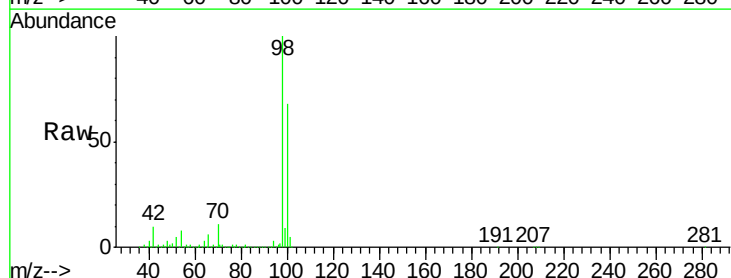
Acq: 21 May 2020 18:04

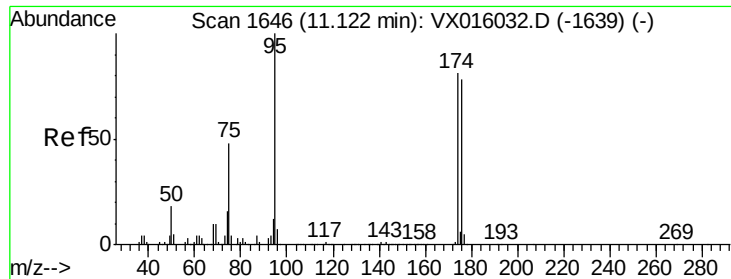
Tgt Ion: 98 Resp: 470803

Ion Ratio Lower Upper

98 100

100 67.4 53.7 80.5

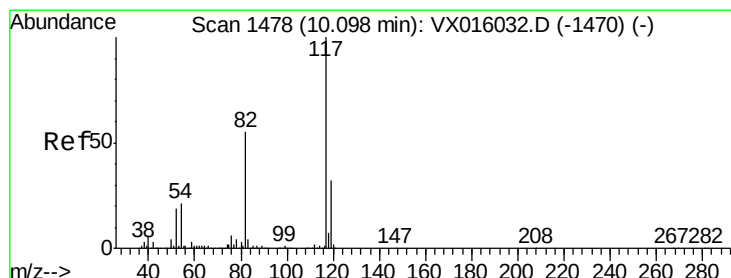
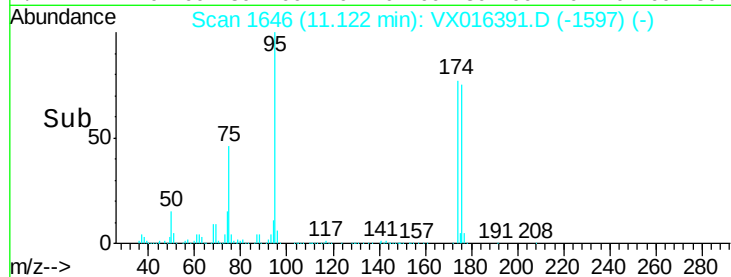
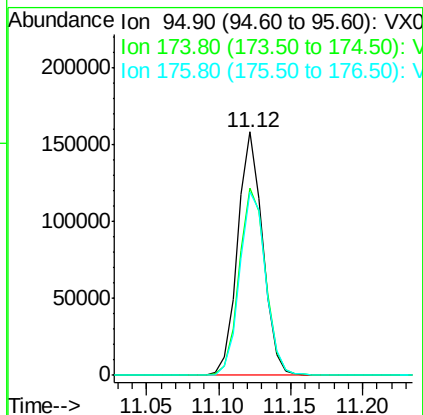
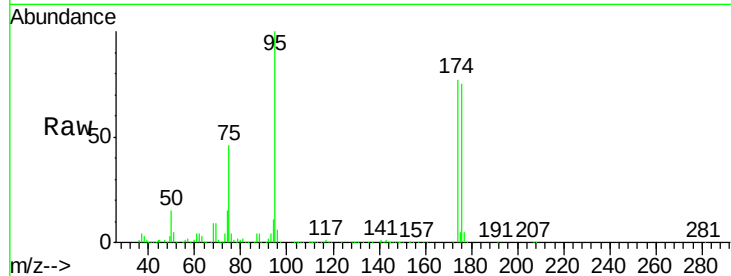




#62
4-Bromofluorobenzene
Concen: 53.173 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016391.D
Acq: 21 May 2020 18:04

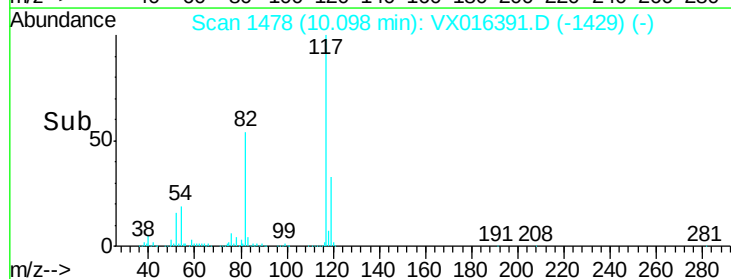
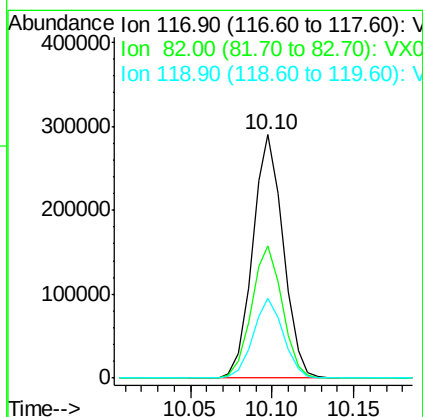
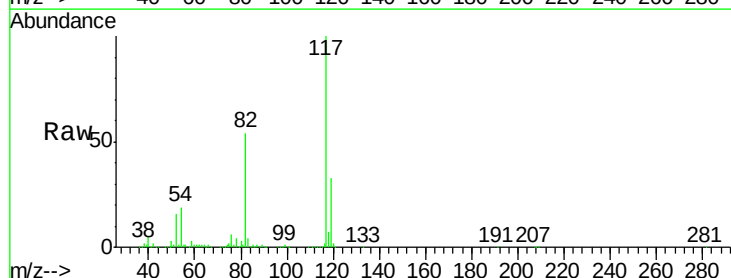
Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-200520

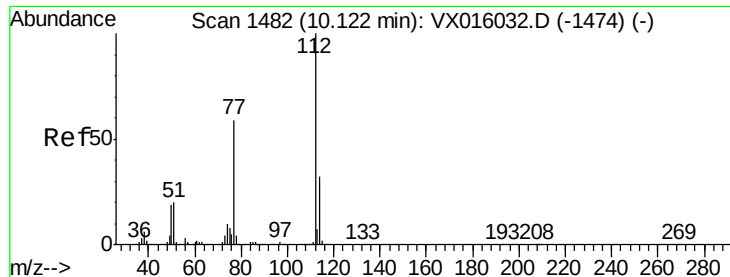
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	159.4
176	77.9	0.0	157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016391.D
Acq: 21 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.4	66.6
119	32.7	25.5	38.3





#65

Chlorobenzene

Concen: 12.664 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016391.D

Acq: 21 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

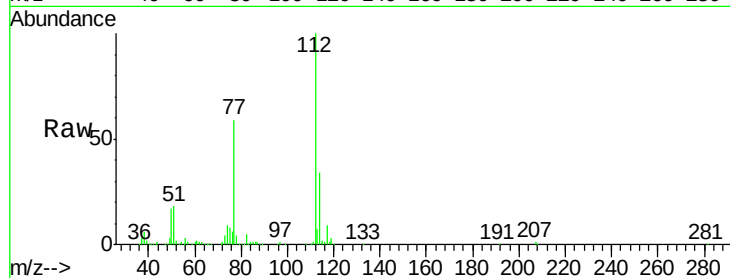
WP021RW246-200520

Tot Ion:112 Resp: 100521

Ion Ratio Lower Upper

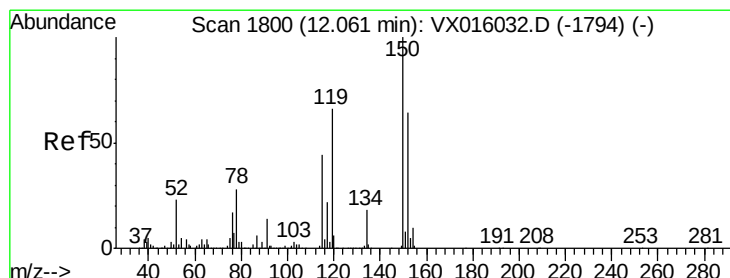
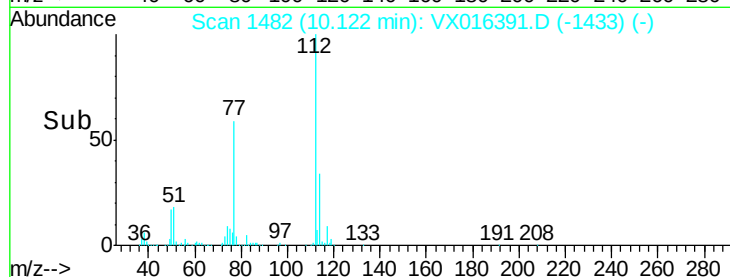
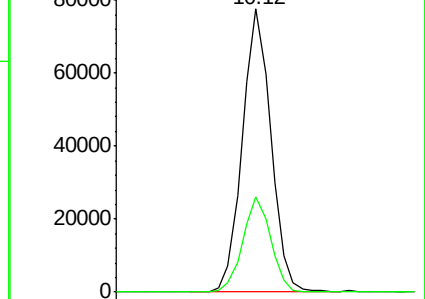
112 100

114 33.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016391.D

Acq: 21 May 2020 18:04

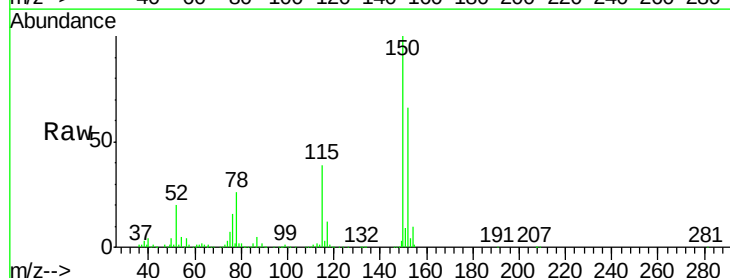
Tgt Ion:152 Resp: 191402

Ion Ratio Lower Upper

152 100

115 58.9 41.3 124.1

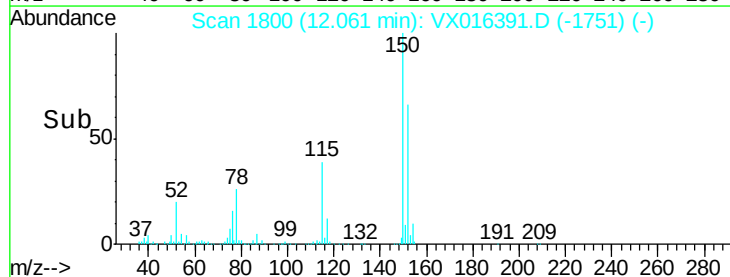
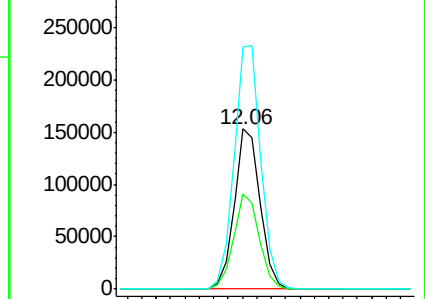
150 156.9 0.0 352.2

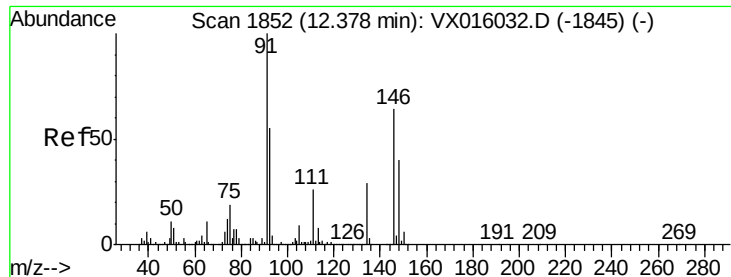


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 0.754 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016391.D

Acq: 21 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

WP021RW246-200520

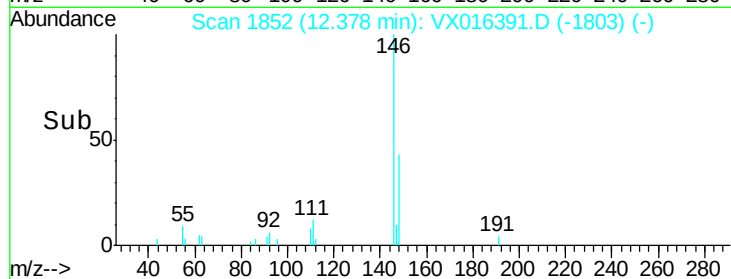
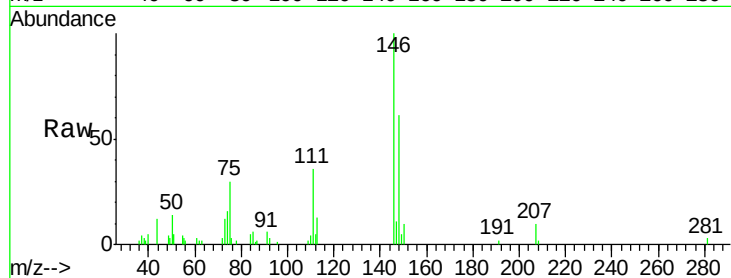
Tot Ion:146 Resp: 4684

Ion Ratio Lower Upper

146 100

111 38.4 21.1 63.1

148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

