

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016361.D
 Acq On : 20 May 2020 15:37
 Operator : JC/SP
 Sample : L2715-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW718-200519

Quant Time: May 21 04:56:14 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	246786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	408933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	143874	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
35) Dibromofluoromethane	5.47	113	117112	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	
50) Toluene-d8	8.70	98	507186	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.12	95	200331	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	

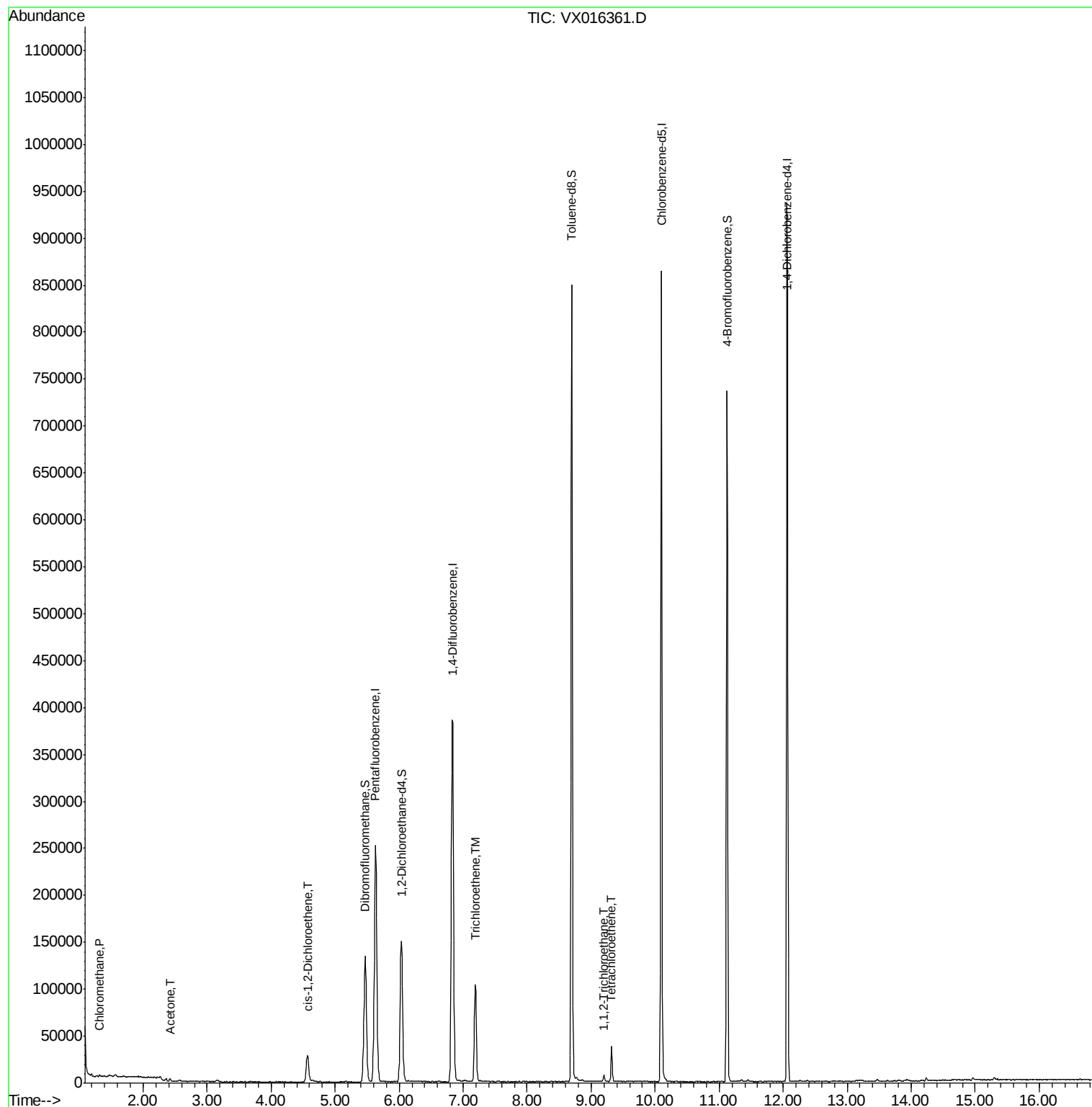
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	960	0.316	ug/l	94
16) Acetone	2.42	43	2500	1.725	ug/l	89
27) cis-1,2-Dichloroethene	4.57	96	19063	6.100	ug/l	85
44) Trichloroethene	7.19	130	41912	10.016	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	1795	0.621	ug/l	92
64) Tetrachloroethene	9.32	164	7242	1.460	ug/l	95

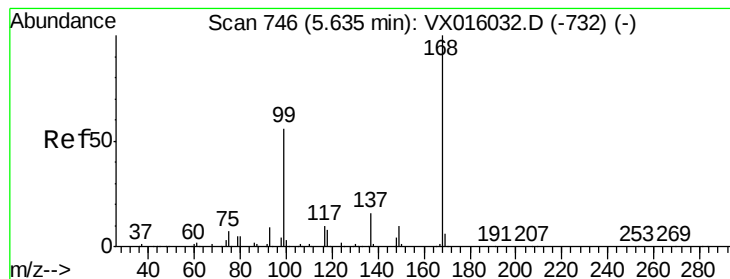
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016361.D

Acq: 20 May 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

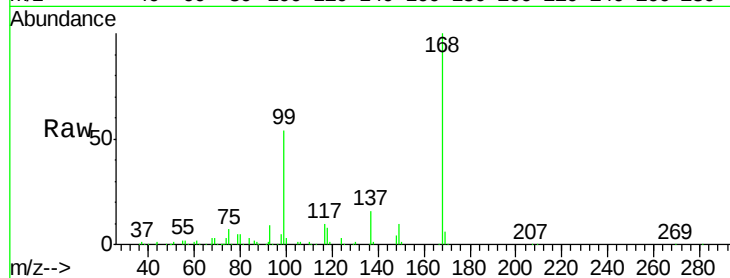
SS052MW718-200519

Tot Ion:168 Resp: 246786

Ion Ratio Lower Upper

168 100

99 54.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

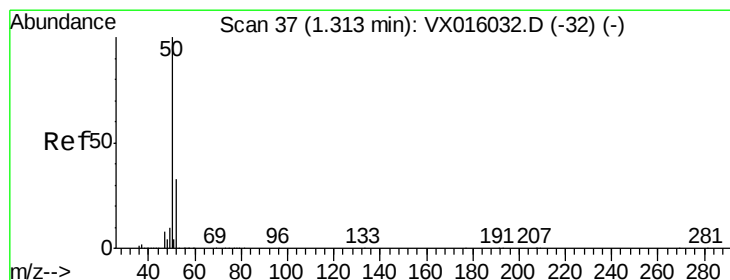
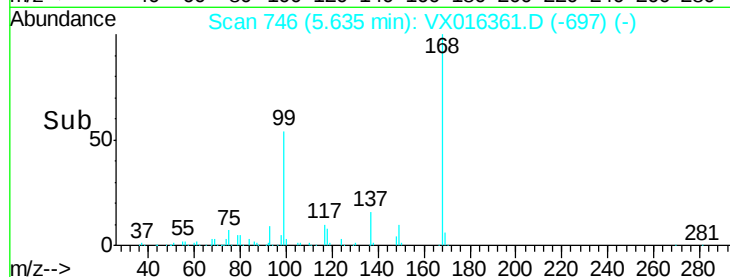
40000

20000

0

5.50 5.60 5.70

Time-->



#3

Chloromethane

Concen: 0.316 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016361.D

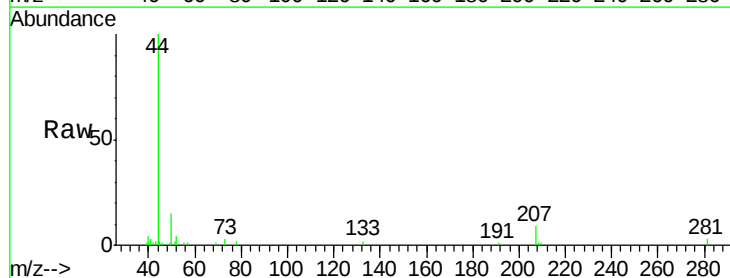
Acq: 20 May 2020 15:37

Tgt Ion: 50 Resp: 960

Ion Ratio Lower Upper

50 100

52 29.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

800

600

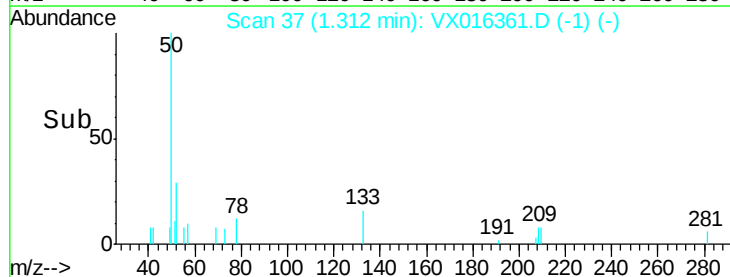
400

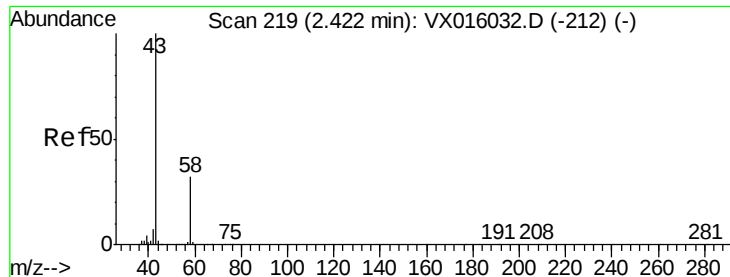
200

0

1.25 1.30 1.35

Time-->





#16

Acetone

Concen: 1.725 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016361.D

Acq: 20 May 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

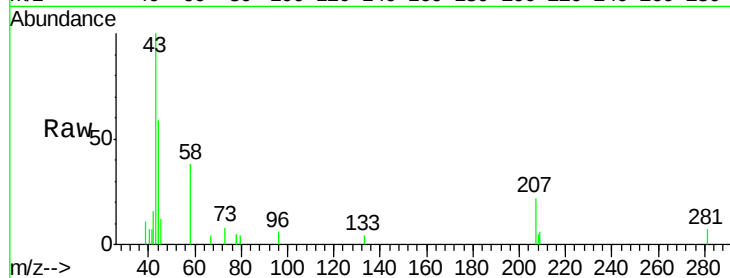
SS052MW718-200519

Tot Ion: 43 Resp: 2500

Ion Ratio Lower Upper

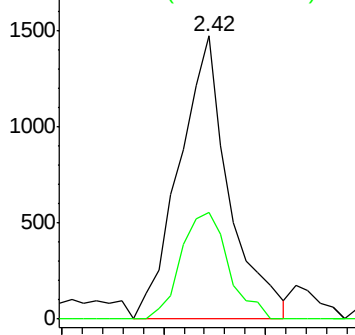
43 100

58 37.9 25.4 38.0

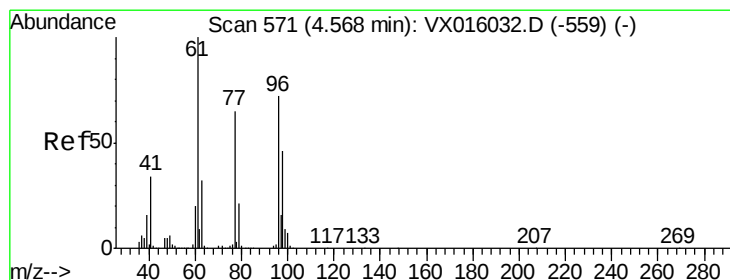
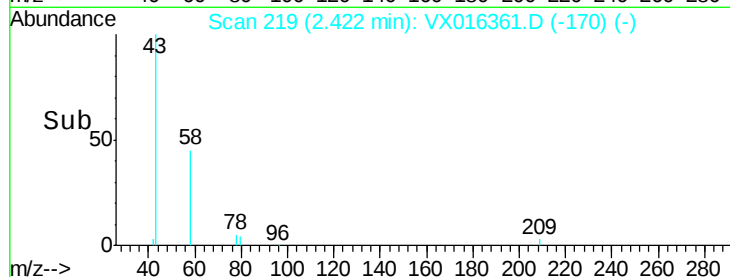


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 2.35 2.40 2.45



#27

cis-1,2-Dichloroethene

Concen: 6.100 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016361.D

Acq: 20 May 2020 15:37

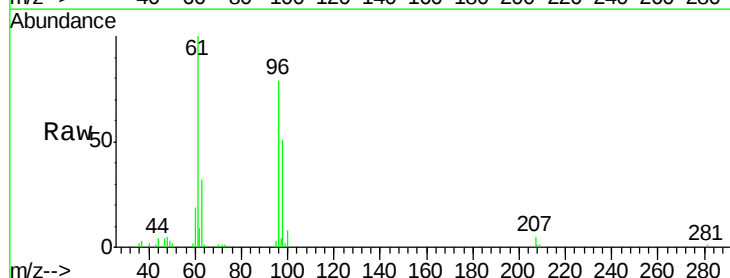
Tgt Ion: 96 Resp: 19063

Ion Ratio Lower Upper

96 100

61 121.6 0.0 296.2

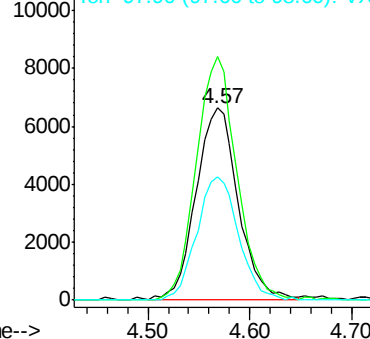
98 63.5 0.0 129.4



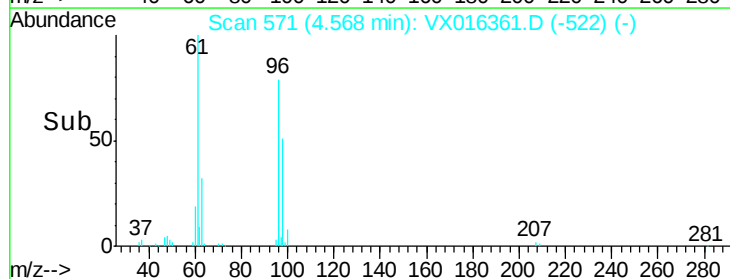
Abundance Ion 95.90 (95.60 to 96.60): VX0

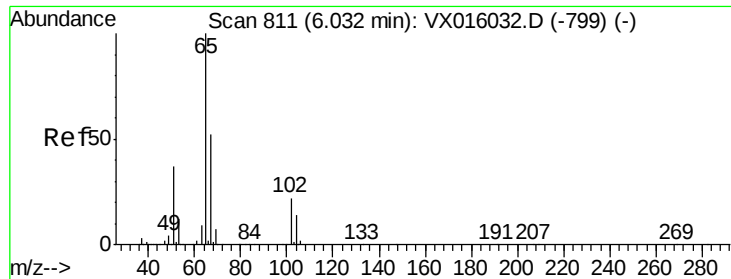
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 44.304 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016361.D

Acq: 20 May 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

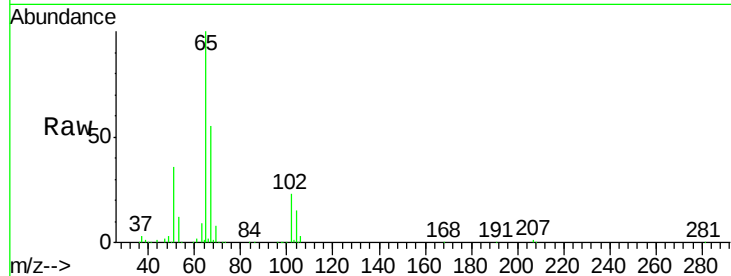
SS052MW718-200519

Tot Ion: 65 Resp: 143874

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

60000

50000

40000

30000

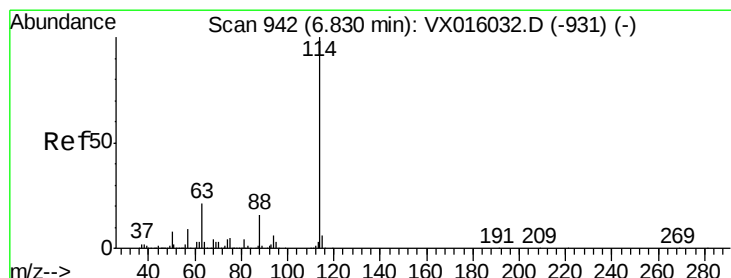
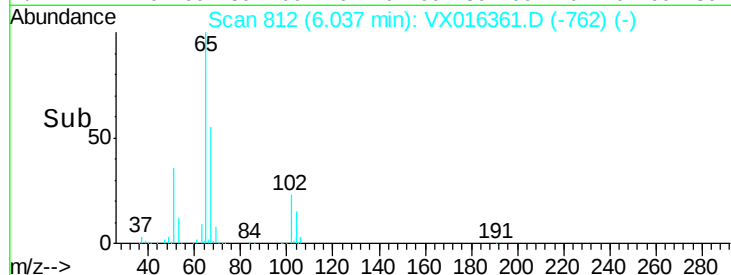
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016361.D

Acq: 20 May 2020 15:37

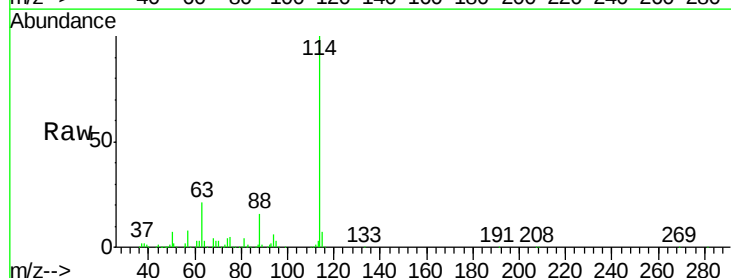
Tgt Ion: 114 Resp: 408933

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.2 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

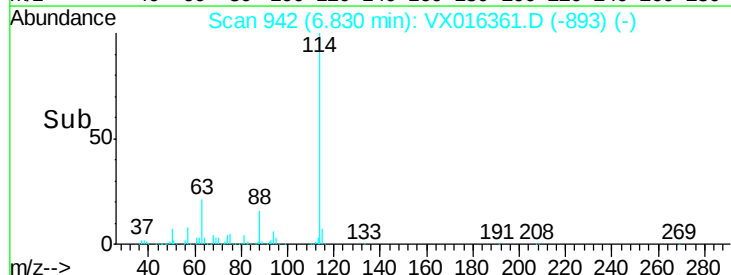
100000

50000

0

Time-->

6.70 6.80 6.90

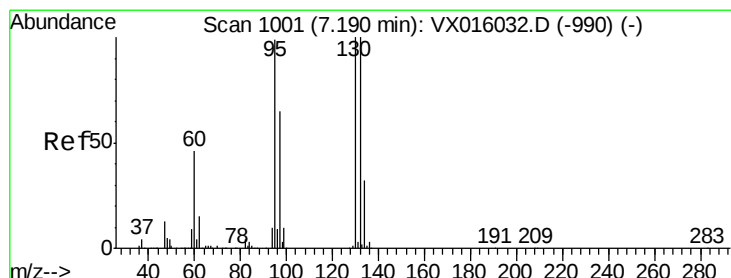
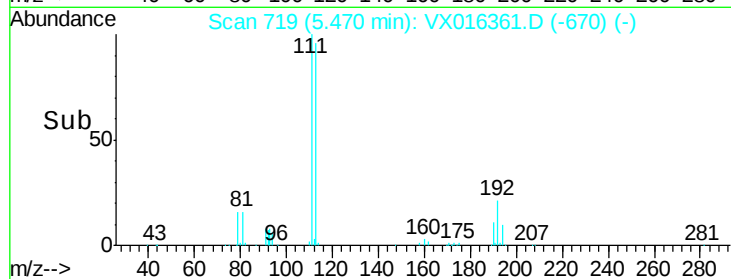
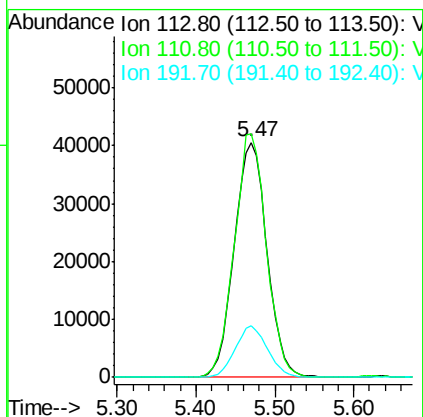
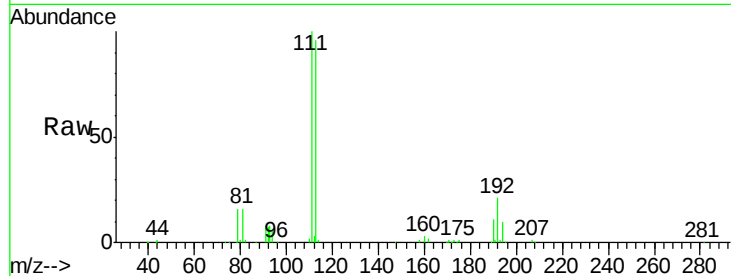




#35
Dibromofluoromethane
Concen: 45.204 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016361.D
Acq: 20 May 2020 15:37

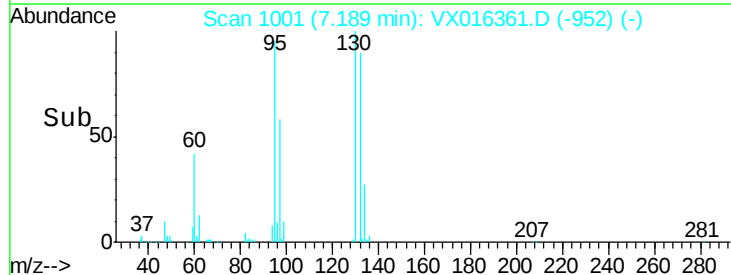
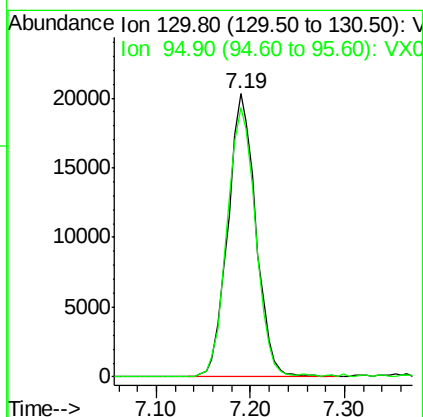
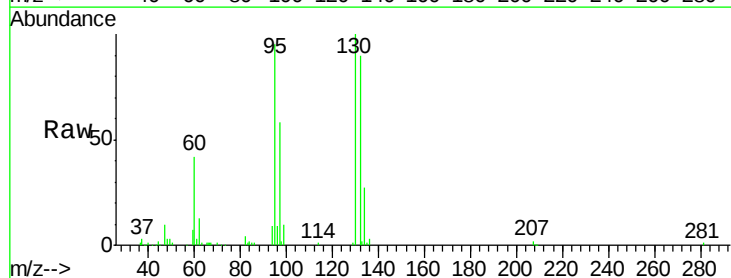
Instrument :
MSVOA_X
ClientSampleId :
SS052MW718-200519

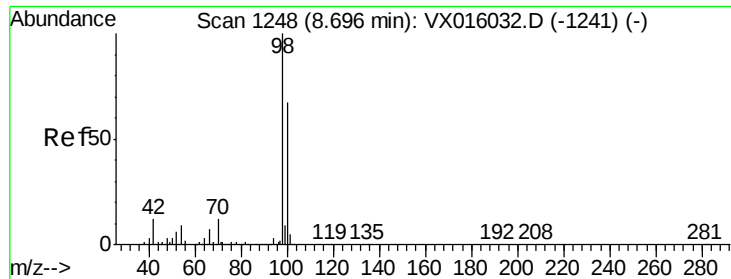
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.6	122.4
192	21.7	17.0	25.4



#44
Trichloroethene
Concen: 10.016 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016361.D
Acq: 20 May 2020 15:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	197.4





#50

Toluene-d8

Concen: 50.808 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016361.D

Acq: 20 May 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

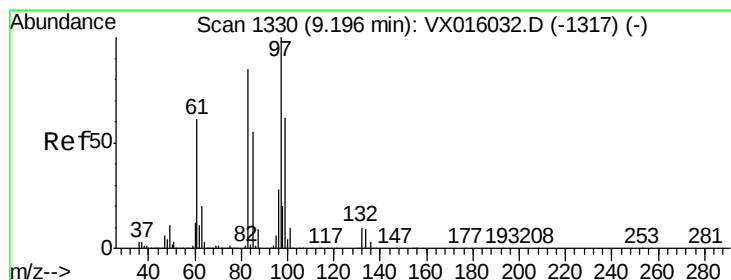
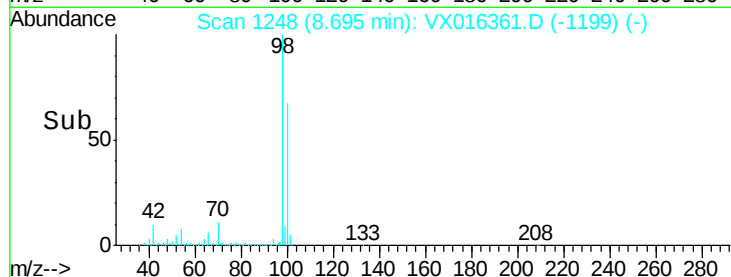
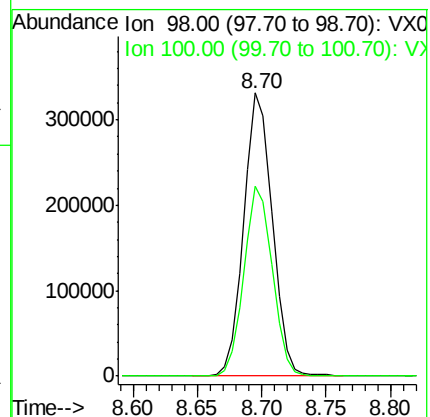
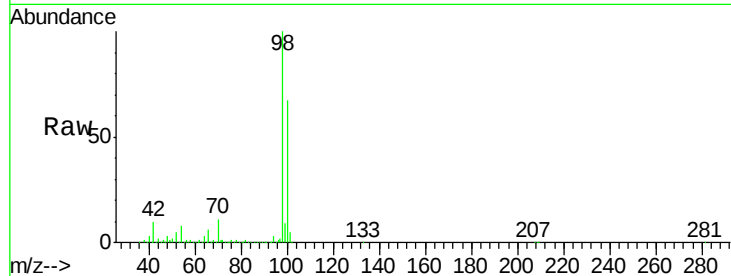
SS052MW718-200519

Tot Ion: 98 Resp: 507186

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5



#55

1,1,2-Trichloroethane

Concen: 0.621 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX016361.D

Acq: 20 May 2020 15:37

Tgt Ion: 97 Resp: 1795

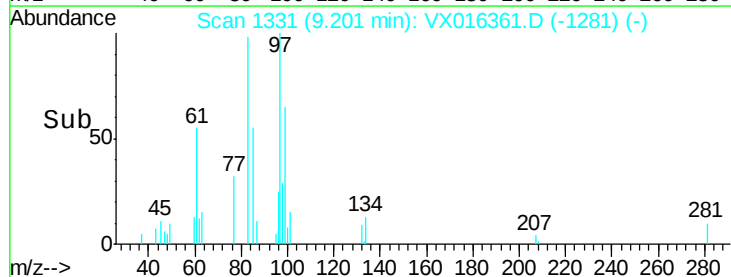
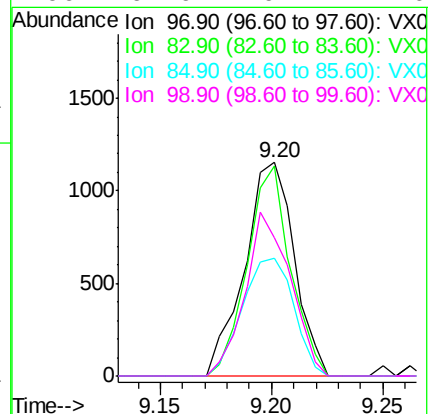
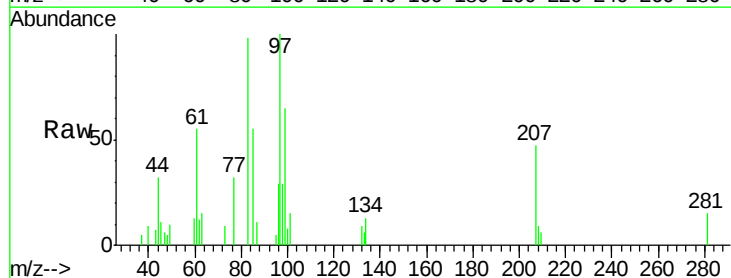
Ion Ratio Lower Upper

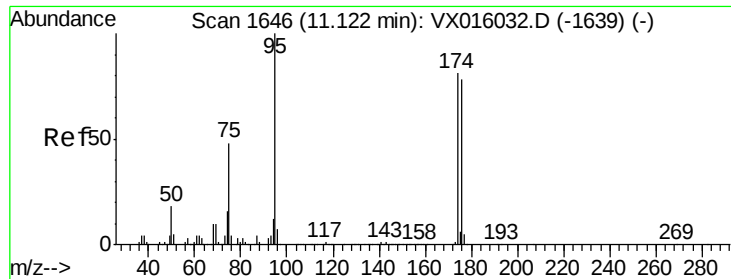
97 100

83 98.4 67.8 101.8

85 55.1 43.8 65.8

99 64.9 49.4 74.0

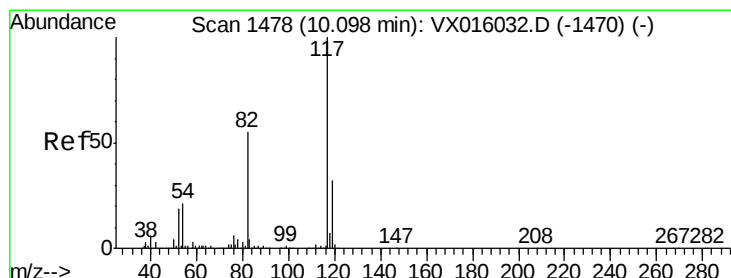
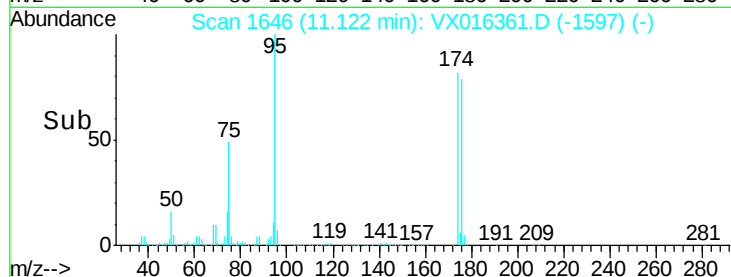
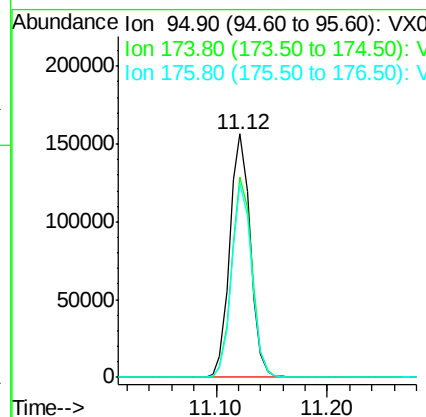
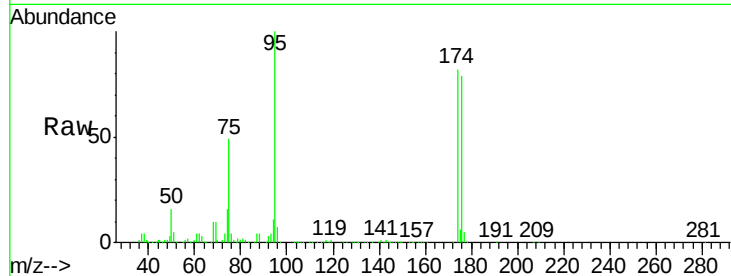




#62
4-Bromofluorobenzene
Concen: 52.763 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016361.D
Acq: 20 May 2020 15:37

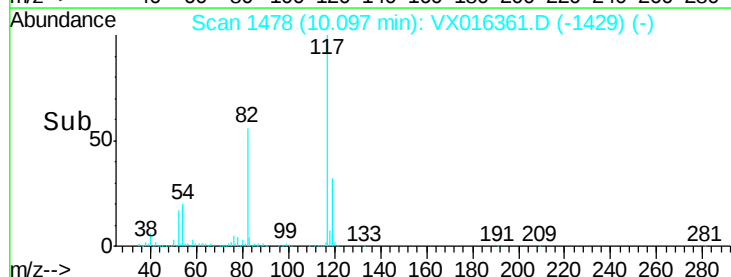
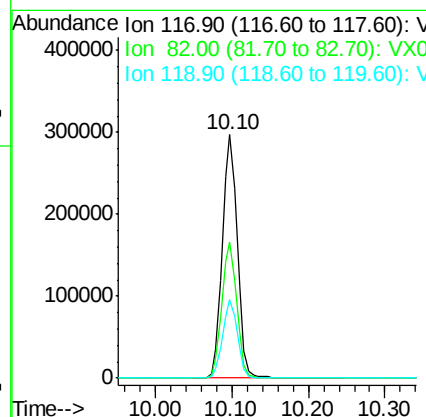
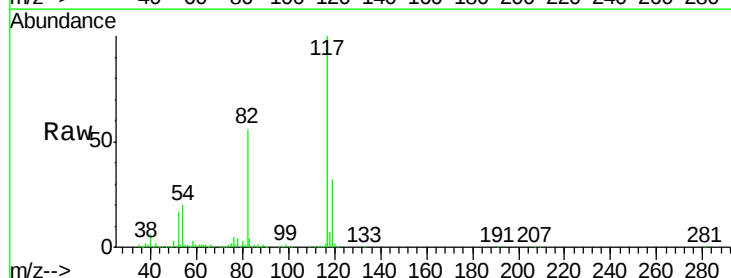
Instrument :
MSVOA_X
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SS052MW718-200519

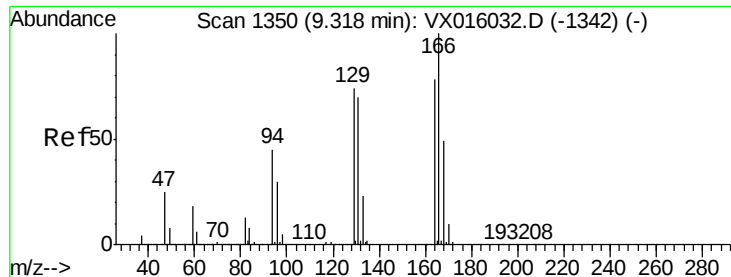
Tot Ion: 95 Resp: 200331
Ion Ratio Lower Upper
95 100
174 81.6 0.0 159.4
176 77.9 0.0 157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016361.D
Acq: 20 May 2020 15:37

Tgt Ion: 117 Resp: 404030
Ion Ratio Lower Upper
117 100
82 55.9 44.4 66.6
119 32.4 25.5 38.3





#64

Tetrachloroethene

Concen: 1.460 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016361.D

Acq: 20 May 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW718-200519

Tot Ion:164 Resp: 7242

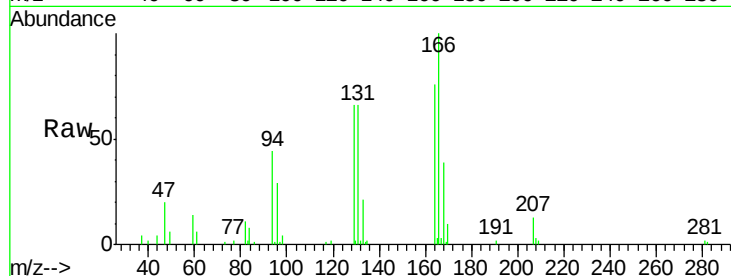
Ion Ratio Lower Upper

164 100

166 131.3 102.9 154.3

129 86.9 76.1 114.1

131 86.1 71.9 107.9



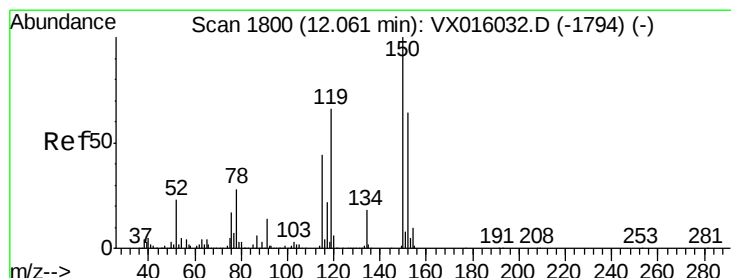
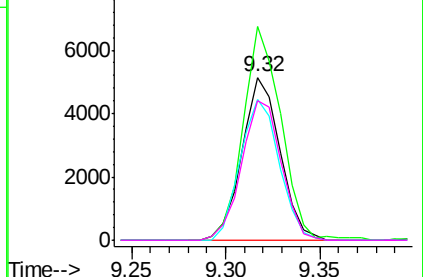
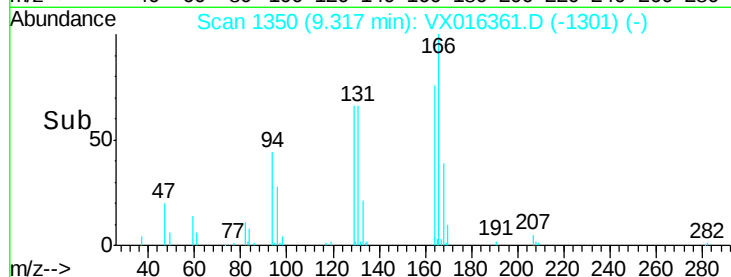
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016361.D

Acq: 20 May 2020 15:37

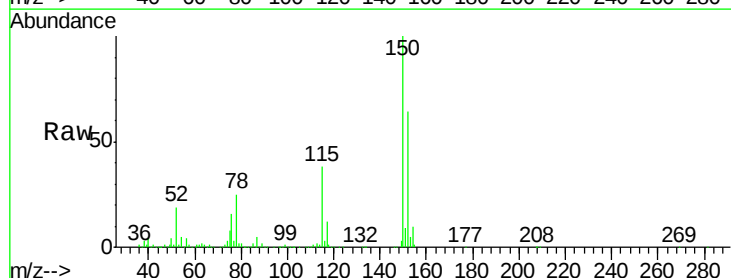
Tgt Ion:152 Resp: 202535

Ion Ratio Lower Upper

152 100

115 58.1 41.3 124.1

150 153.8 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

Time-->

