

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016671.D
 Acq On : 10 Jun 2020 13:53
 Operator : JC/SP
 Sample : L2962-01 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609

Quant Time: Jun 11 04:23:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

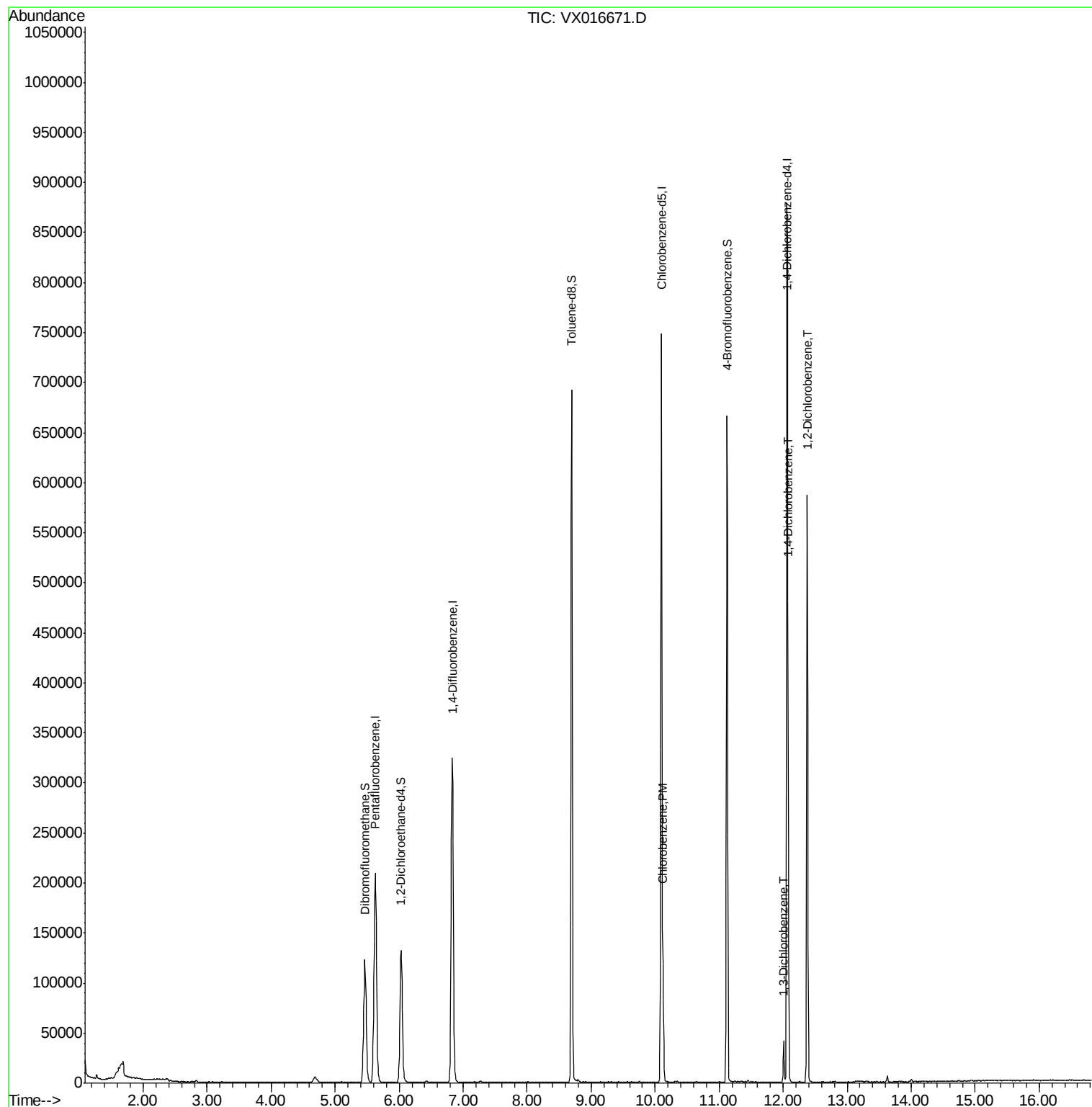
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	210355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	335933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	343138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	192108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	127133	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
35) Dibromofluoromethane	5.46	113	105331	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	8.70	98	411770	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.12	95	177611	57.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.18%	
Target Compounds						
65) Chlorobenzene	10.12	112	44174	6.315	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	13771	2.277	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	40346	6.522	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	199315	34.013	ug/l	99

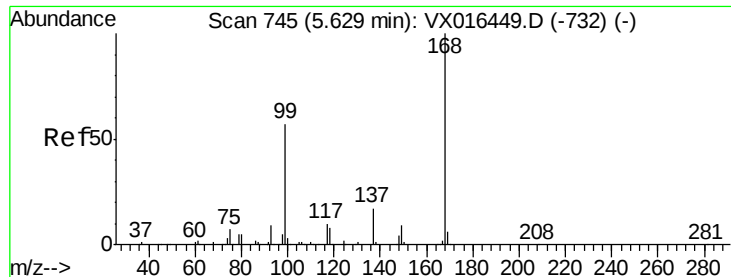
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016671.D

Acq: 10 Jun 2020 13:53

Instrument :

MSVOA_X

ClientSampleId :

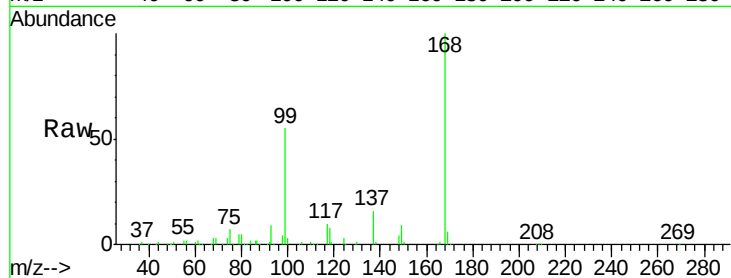
SS003RW114R-200609

Tot Ion:168 Resp: 210355

Ion Ratio Lower Upper

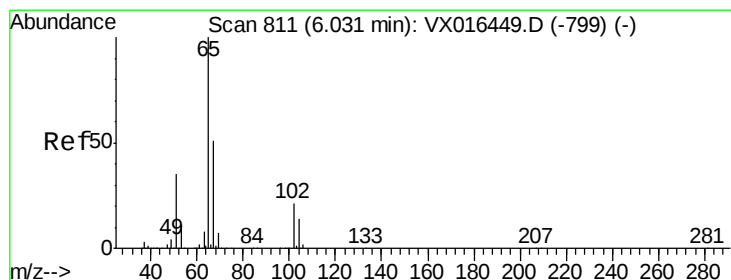
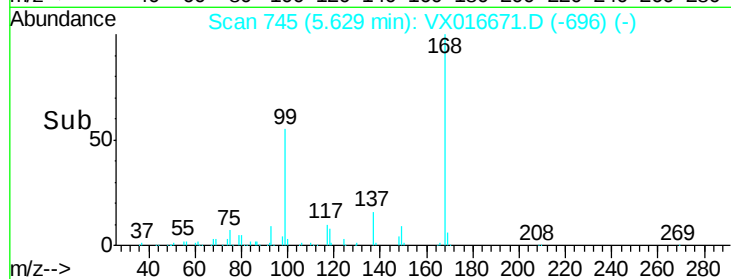
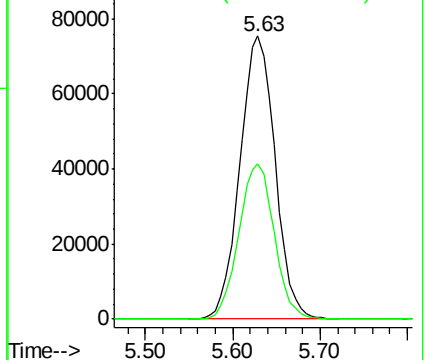
168 100

99 54.8 45.2 67.8



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: 48.666 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016671.D

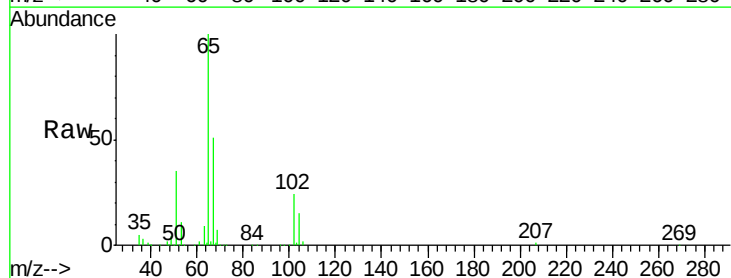
Acq: 10 Jun 2020 13:53

Tgt Ion: 65 Resp: 127133

Ion Ratio Lower Upper

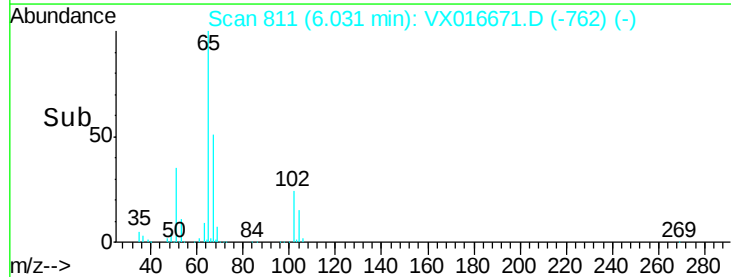
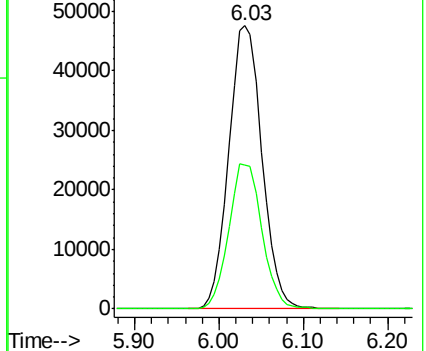
65 100

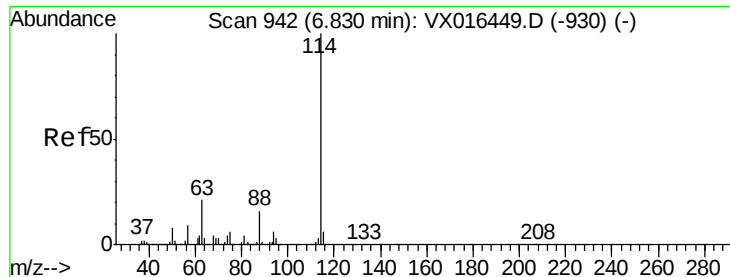
67 51.3 0.0 104.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016671.D

Acq: 10 Jun 2020 13:53

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609

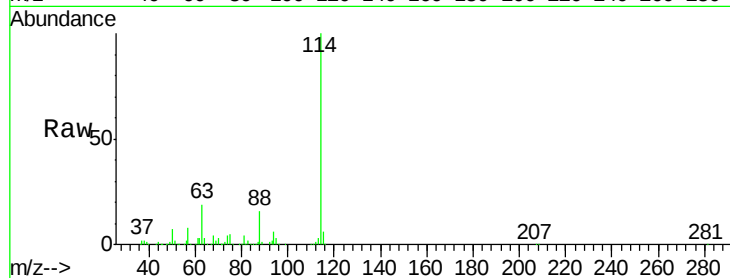
Tot Ion:114 Resp: 335933

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

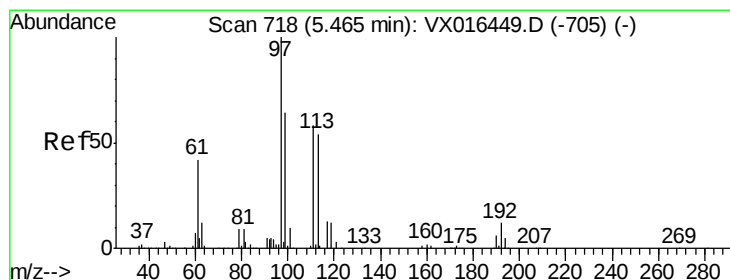
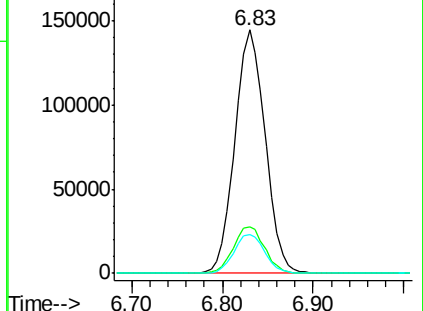
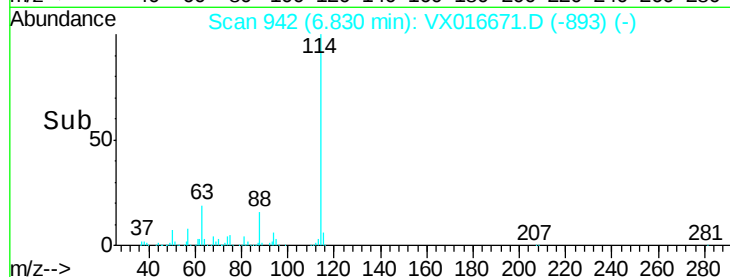
88 15.9 0.0 32.8



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: 50.922 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016671.D

Acq: 10 Jun 2020 13:53

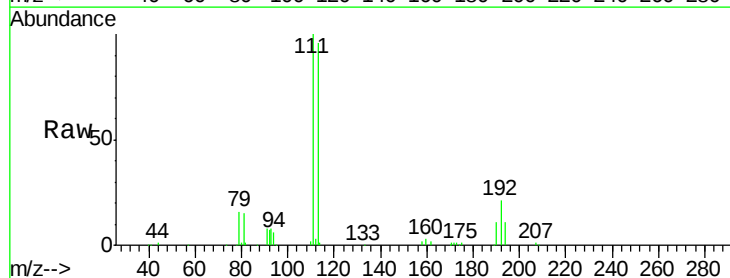
Tgt Ion:113 Resp: 105331

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

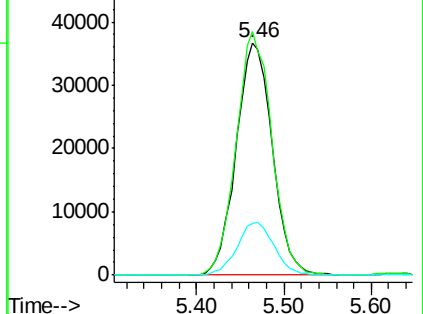
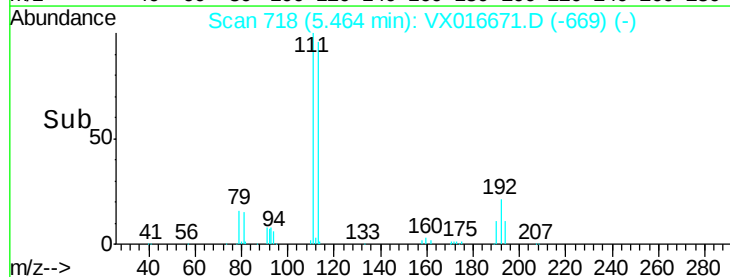
192 23.1 17.7 26.5

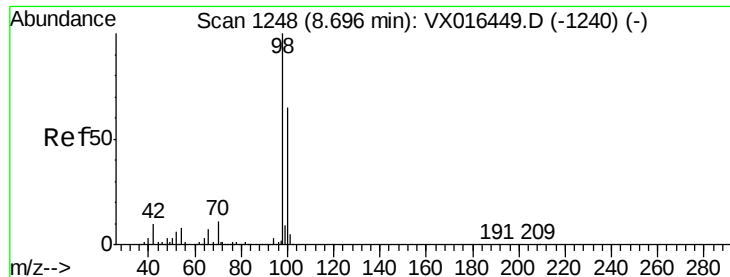


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.145 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016671.D

Acq: 10 Jun 2020 13:53

Instrument :

MSVOA_X

ClientSampleId :

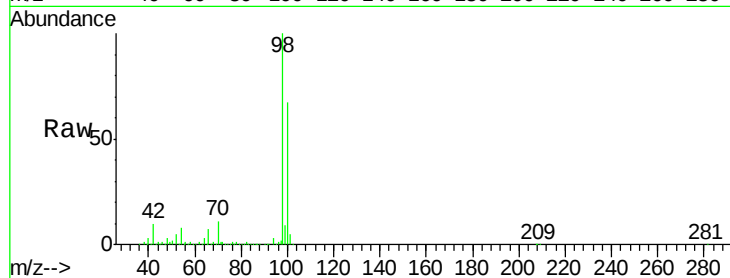
SS003RW114R-200609

Tot Ion: 98 Resp: 411770

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

250000

200000

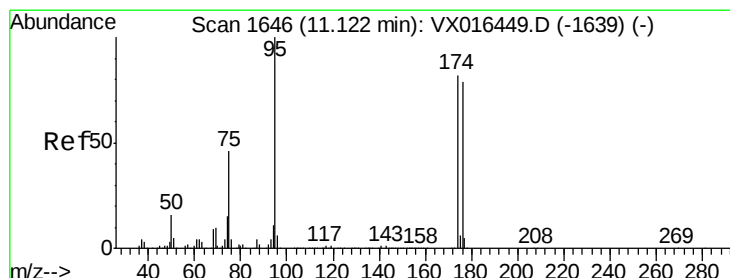
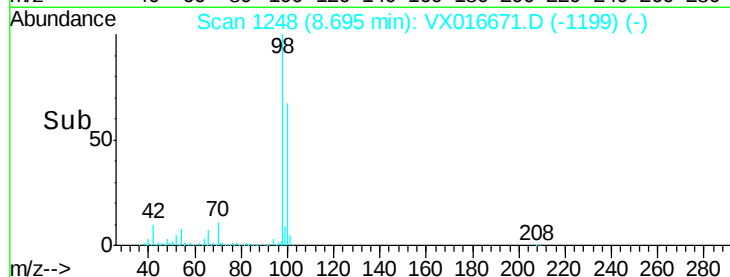
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 57.093 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016671.D

Acq: 10 Jun 2020 13:53

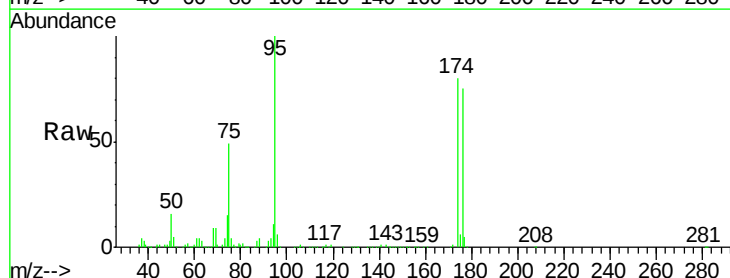
Tgt Ion: 95 Resp: 177611

Ion Ratio Lower Upper

95 100

174 84.1 0.0 163.0

176 81.9 0.0 156.8



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

11.12

200000

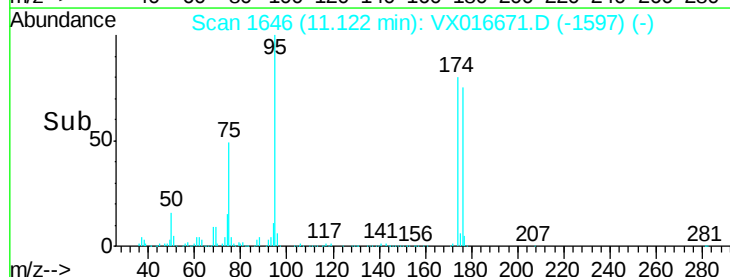
150000

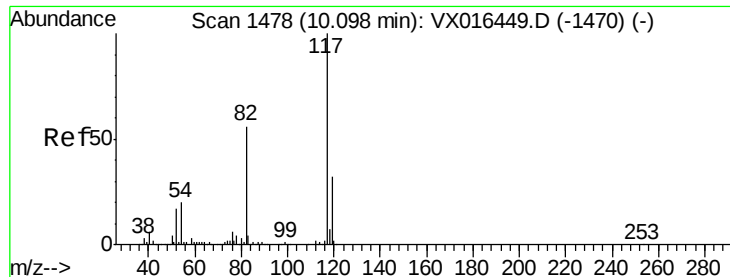
100000

50000

0

Time--> 11.10 11.20

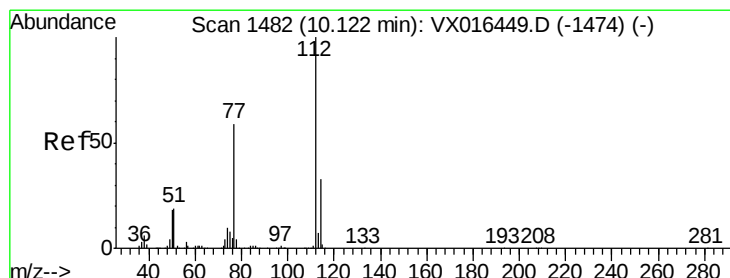
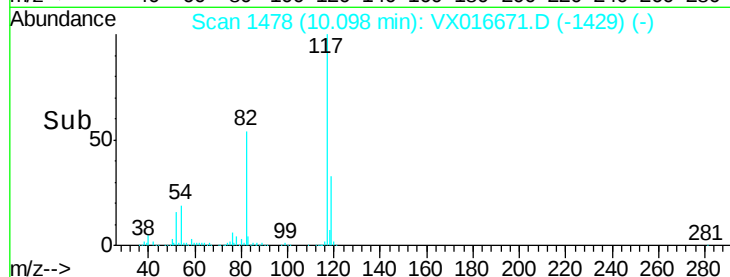
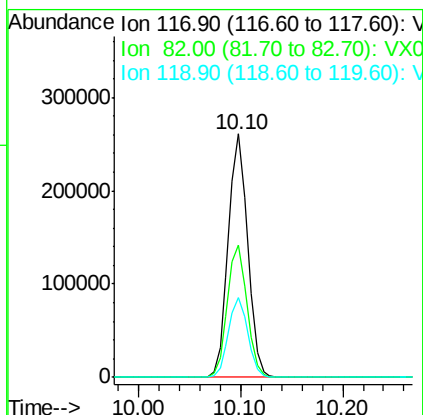
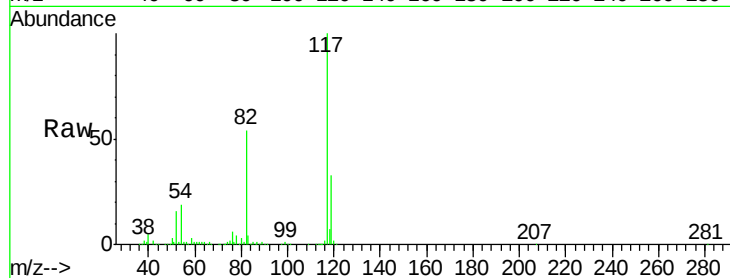




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016671.D
Acq: 10 Jun 2020 13:53

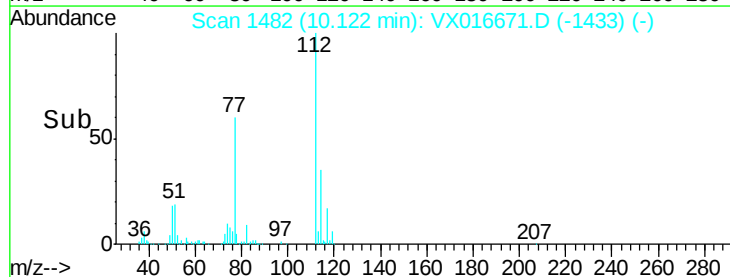
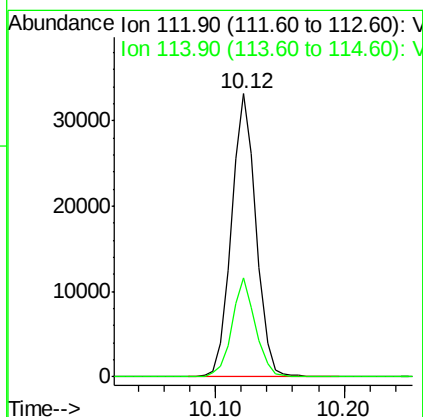
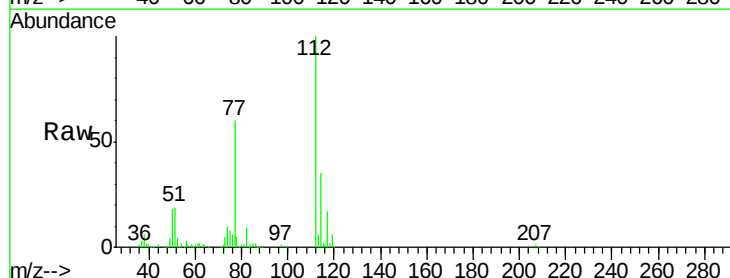
Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609

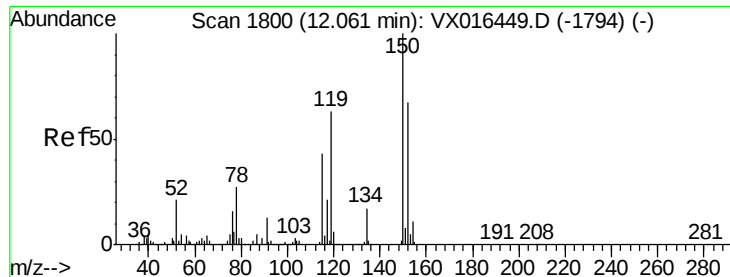
Tot Ion:117 Resp: 343138
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.6
119 32.7 25.8 38.8



#65
Chlorobenzene
Concen: 6.315 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016671.D
Acq: 10 Jun 2020 13:53

Tgt Ion:112 Resp: 44174
Ion Ratio Lower Upper
112 100
114 35.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016671.D

Acq: 10 Jun 2020 13:53

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609

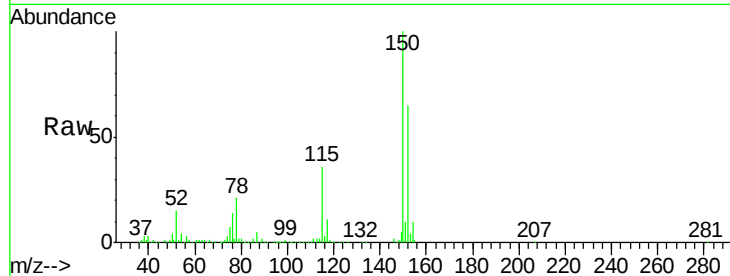
Tot Ion:152 Resp: 192108

Ion Ratio Lower Upper

152 100

115 57.8 39.9 119.6

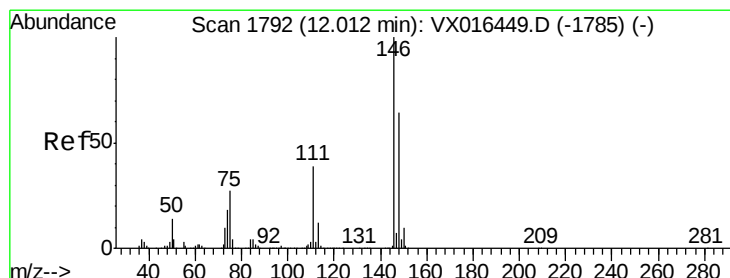
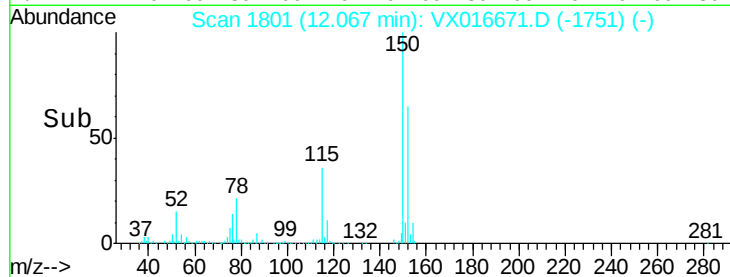
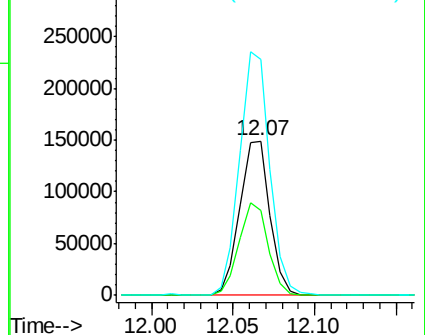
150 158.5 0.0 341.0



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



#87

1,3-Dichlorobenzene

Concen: 2.277 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016671.D

Acq: 10 Jun 2020 13:53

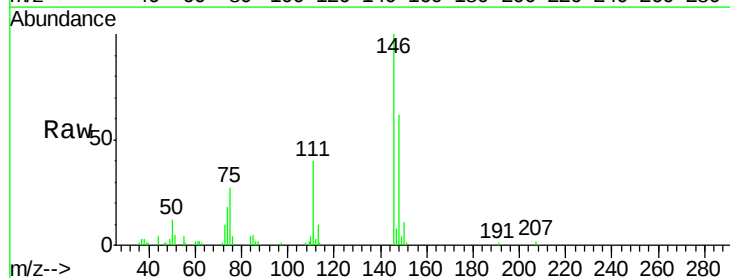
Tgt Ion:146 Resp: 13771

Ion Ratio Lower Upper

146 100

111 41.8 20.0 60.0

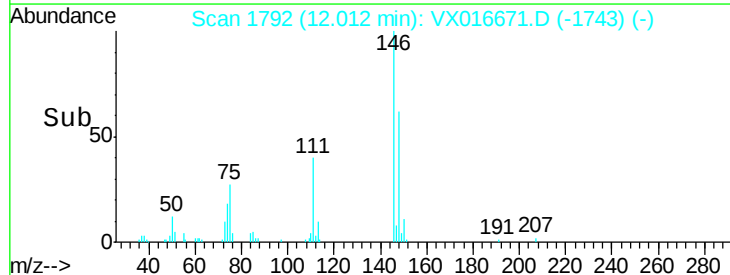
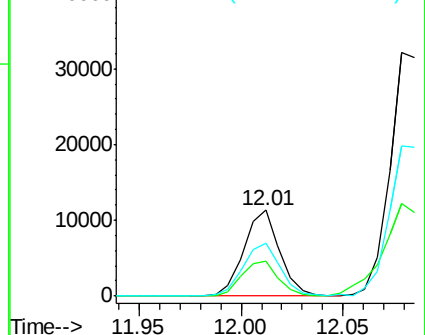
148 63.7 31.9 95.5

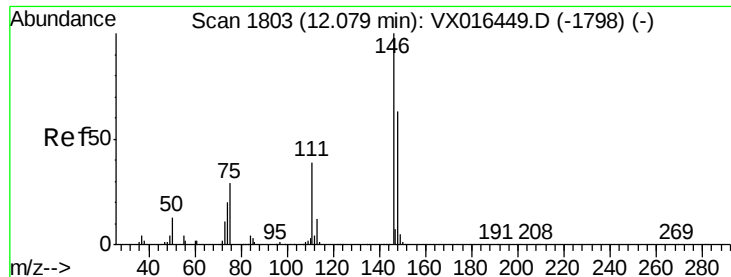


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

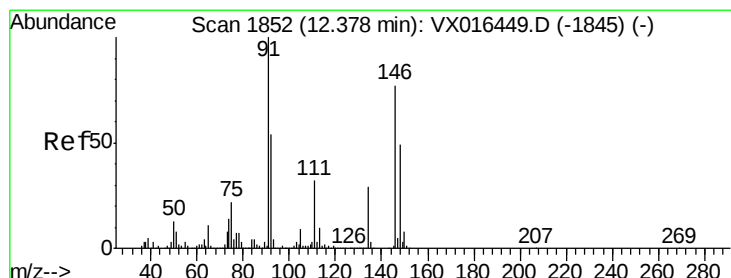
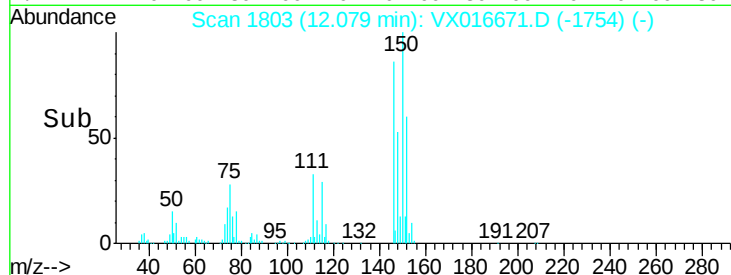
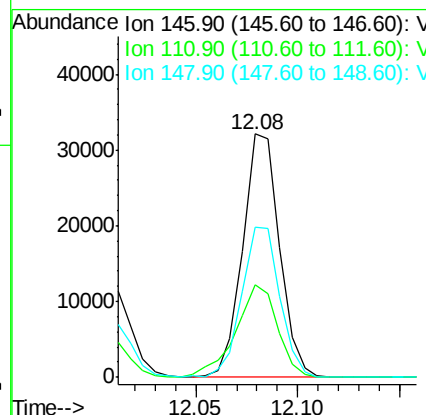
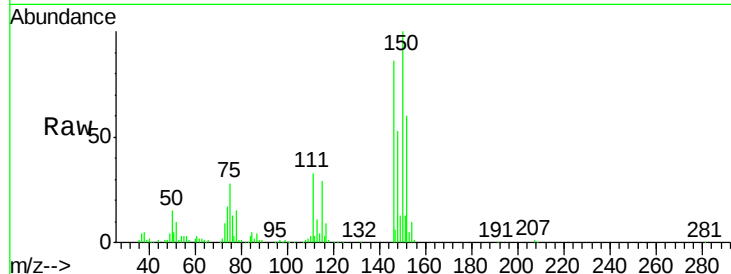




#88
 1,4-Dichlorobenzene
 Concen: 6.522 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016671.D
 Acq: 10 Jun 2020 13:53

Instrument :
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Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	19.4	58.2
148	63.8	31.4	94.3



#91
 1,2-Dichlorobenzene
 Concen: 34.013 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016671.D
 Acq: 10 Jun 2020 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.4	64.3
148	64.2	31.9	95.7

