

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016675.D
 Acq On : 10 Jun 2020 15:23
 Operator : JC/SP
 Sample : L2962-04 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-DUP-0564-200609

Quant Time: Jun 11 04:24:51 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

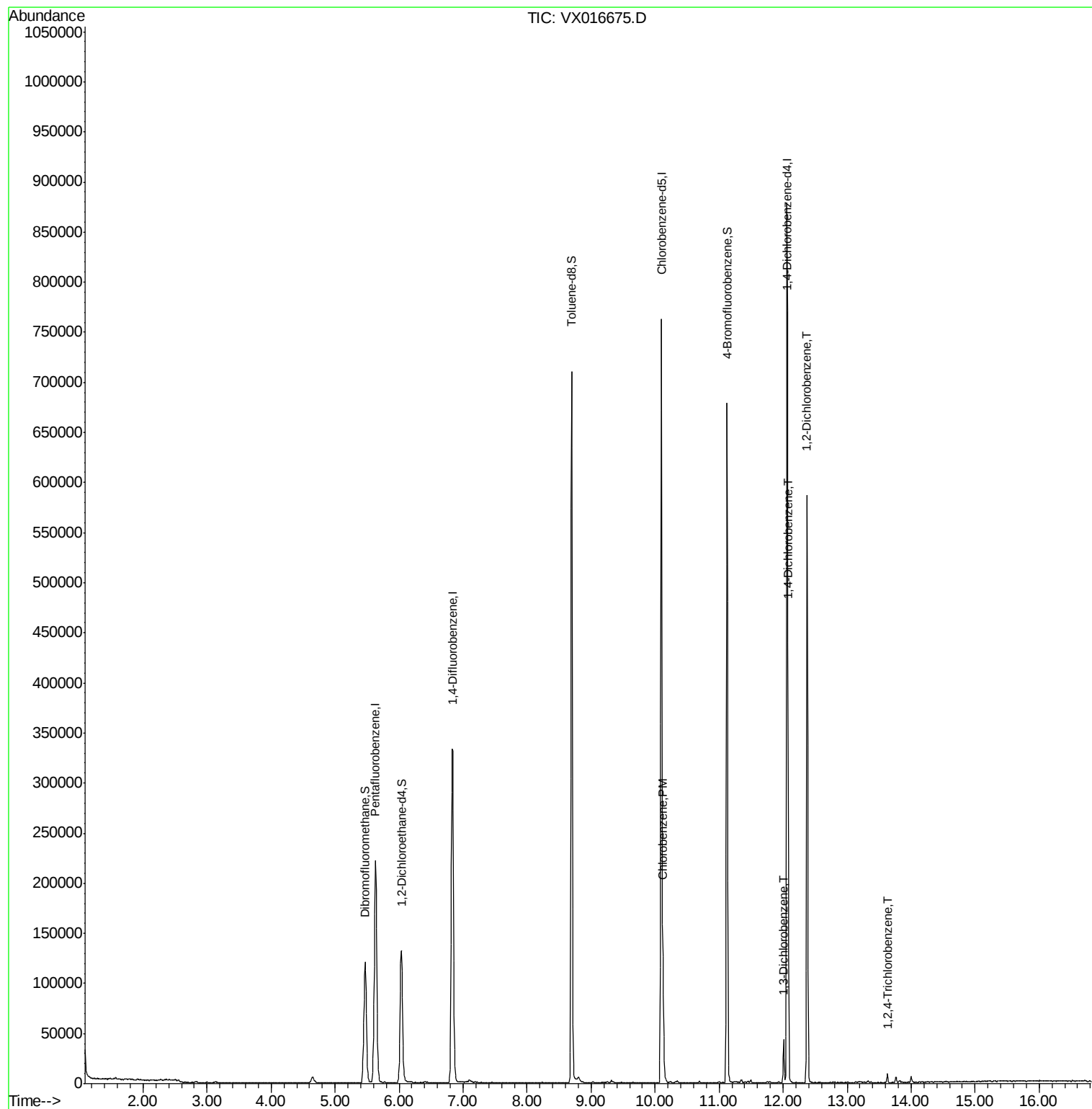
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	221064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	347920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	127885	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	5.46	113	105029	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	8.70	98	424789	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.12	95	174220	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
Target Compounds						
65) Chlorobenzene	10.12	112	50024	6.909	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	15352	2.652	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	41950	7.086	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	206279	36.783	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	2266	0.608	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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016675.D

Acq: 10 Jun 2020 15:23

Instrument :

MSVOA_X

ClientSampleId :

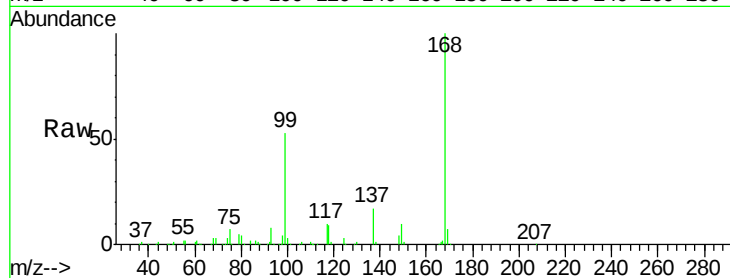
Z5-DUP-0564-200609

Tot Ion:168 Resp: 221064

Ion Ratio Lower Upper

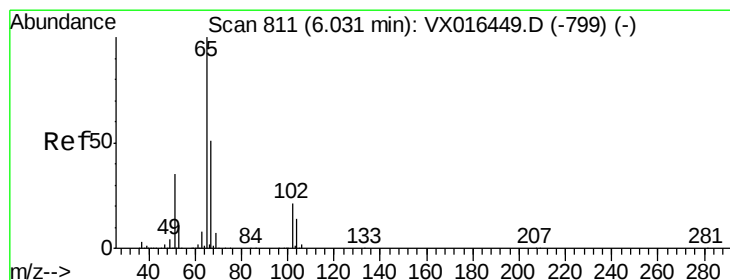
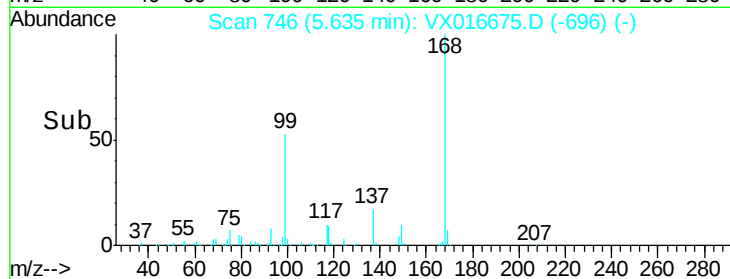
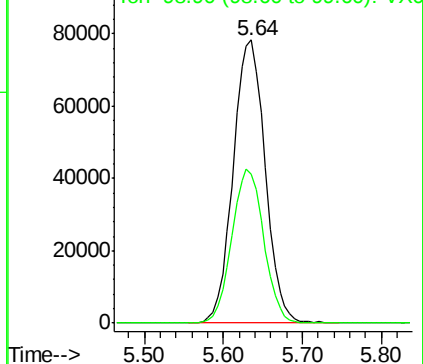
168 100

99 52.6 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: 46.583 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016675.D

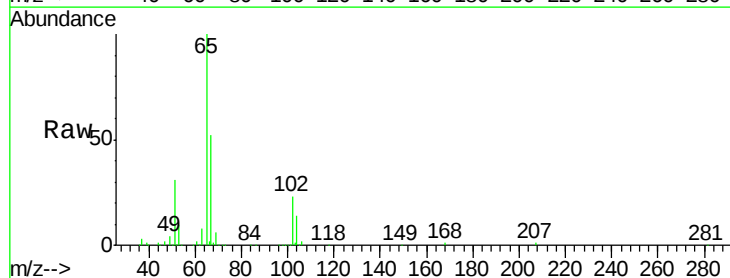
Acq: 10 Jun 2020 15:23

Tgt Ion: 65 Resp: 127885

Ion Ratio Lower Upper

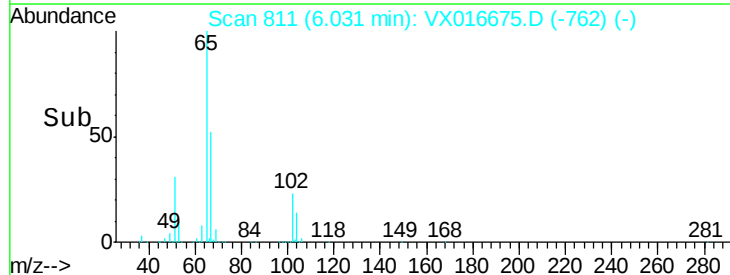
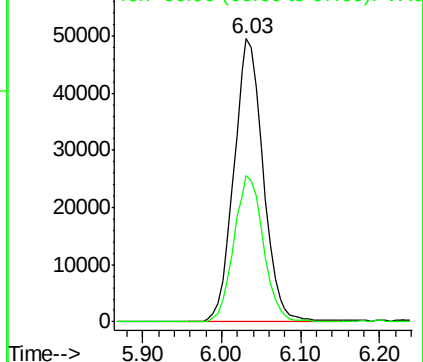
65 100

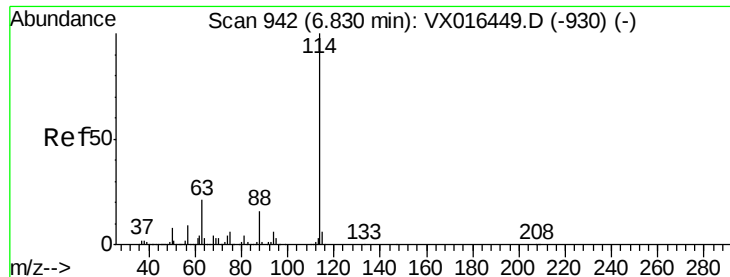
67 52.1 0.0 104.8



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: VX016675.D

Acq: 10 Jun 2020 15:23

Instrument :

MSVOA_X

ClientSampleId :

Z5-DUP-0564-200609

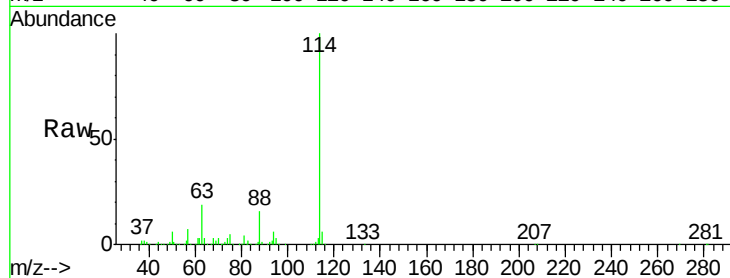
Tot Ion:114 Resp: 347920

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.6

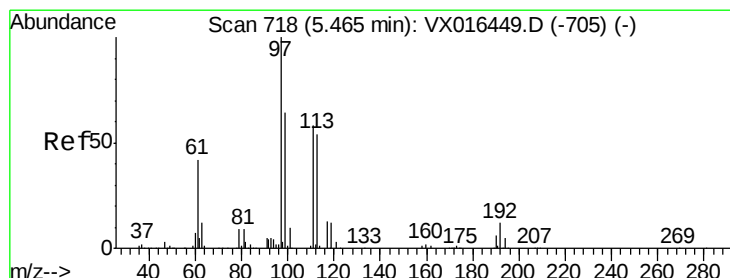
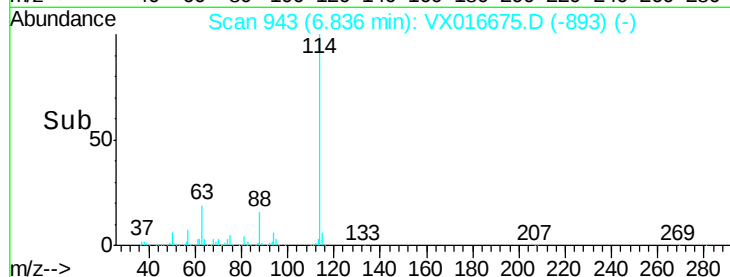
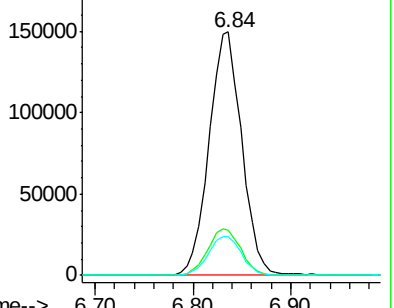
88 15.9 0.0 32.8



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: 49.026 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016675.D

Acq: 10 Jun 2020 15:23

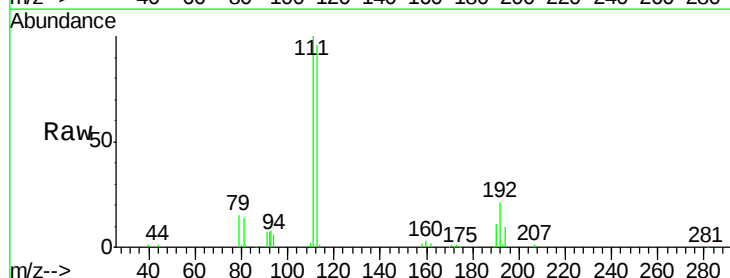
Tgt Ion:113 Resp: 105029

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

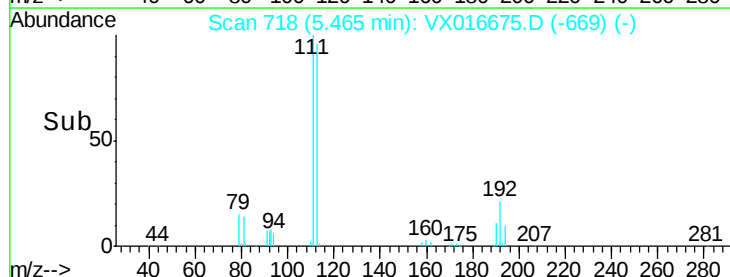
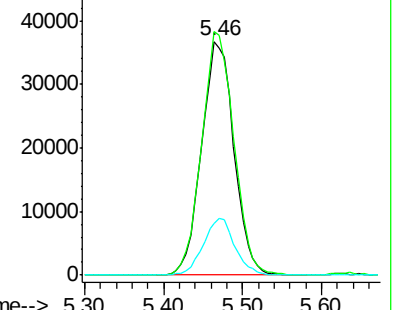
192 23.5 17.7 26.5

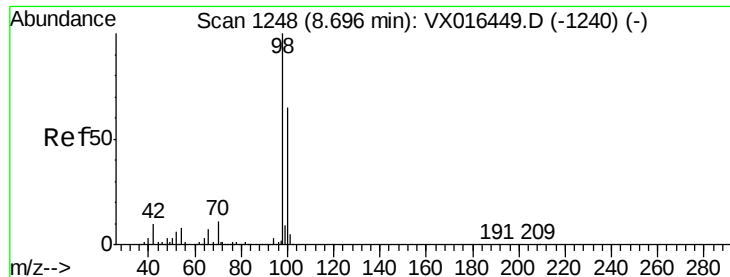


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.944 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016675.D

Acq: 10 Jun 2020 15:23

Instrument :

MSVOA_X

ClientSampleId :

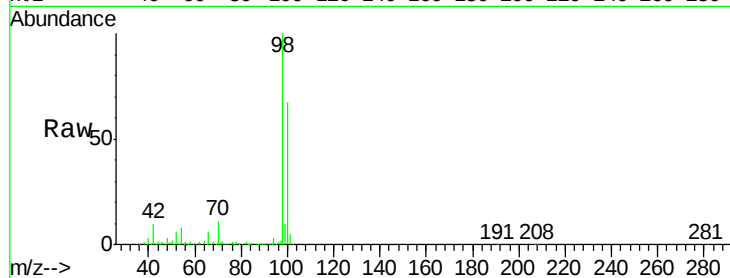
Z5-DUP-0564-200609

Tot Ion: 98 Resp: 424789

Ion Ratio Lower Upper

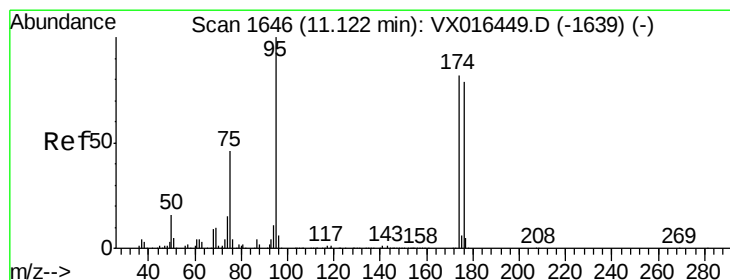
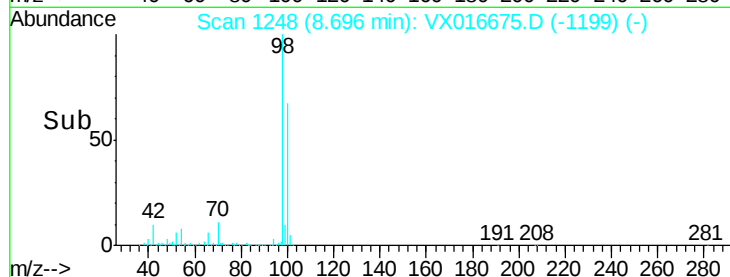
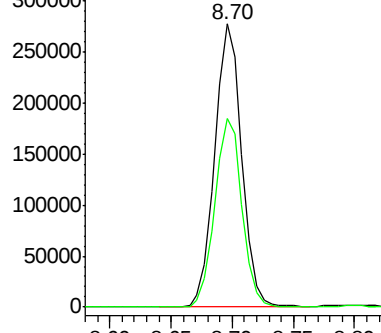
98 100

100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 54.074 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016675.D

Acq: 10 Jun 2020 15:23

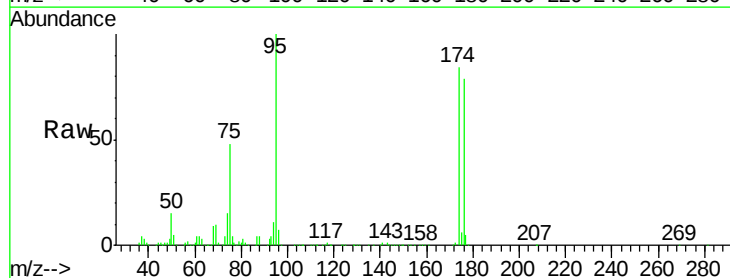
Tgt Ion: 95 Resp: 174220

Ion Ratio Lower Upper

95 100

174 86.2 0.0 163.0

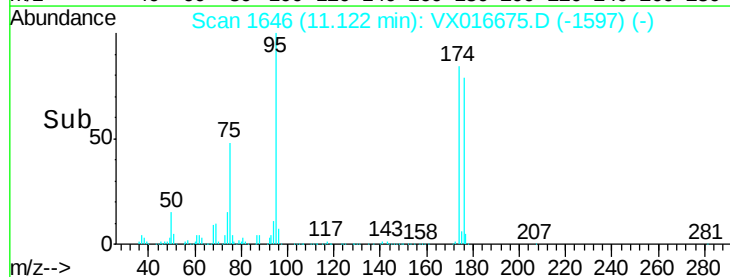
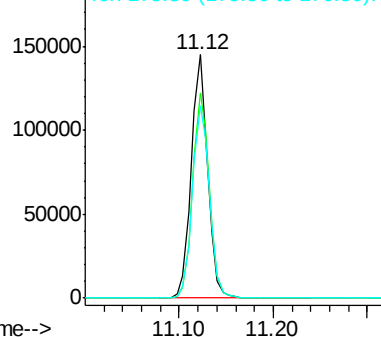
176 82.6 0.0 156.8

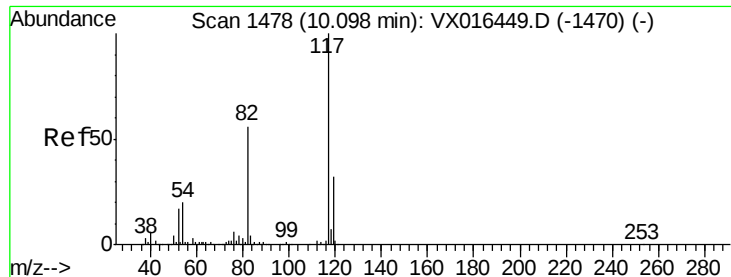


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

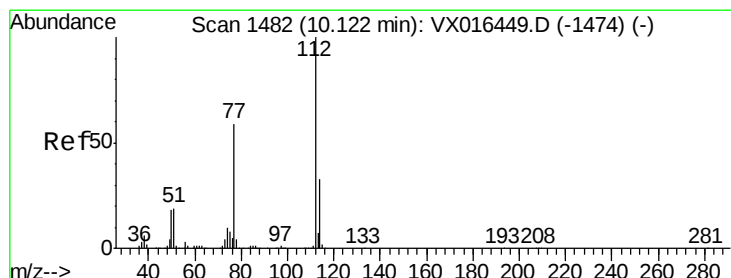
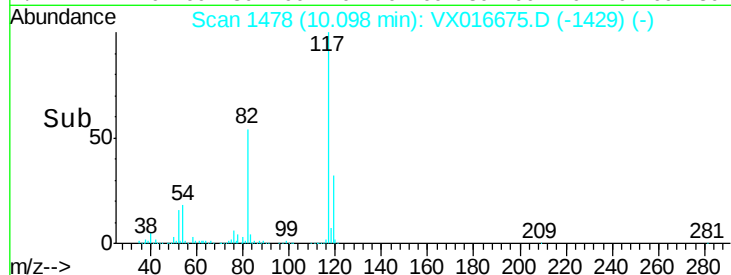
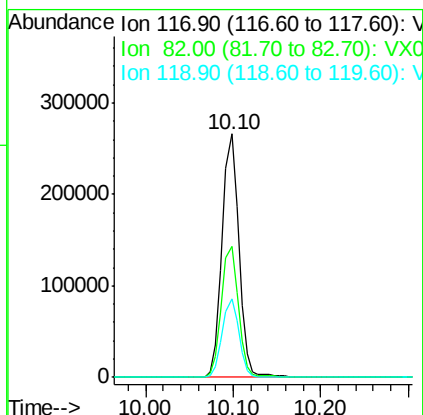
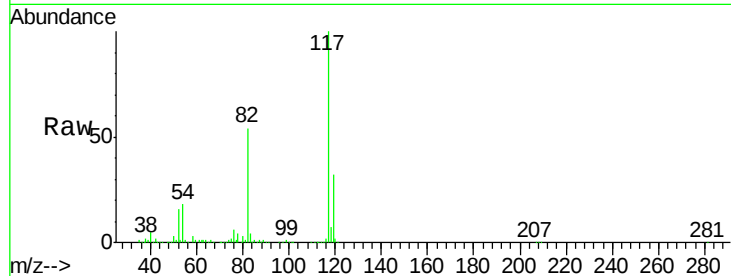




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016675.D
Acq: 10 Jun 2020 15:23

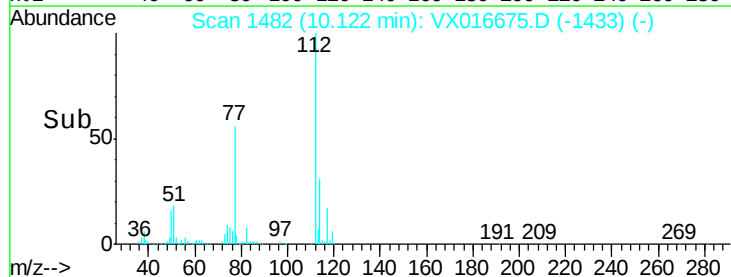
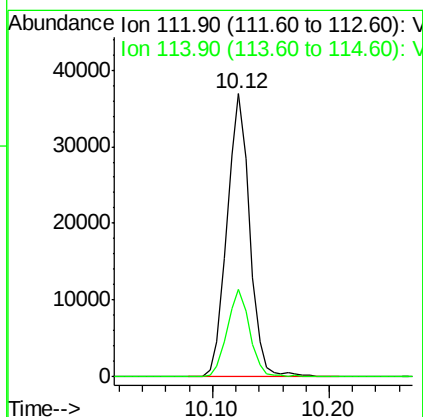
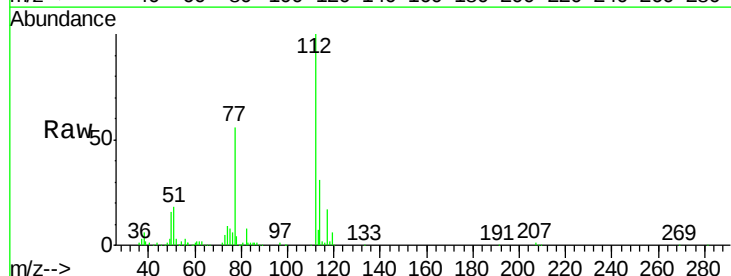
Instrument :
MSVOA_X
ClientSampleId :
Z5-DUP-0564-200609

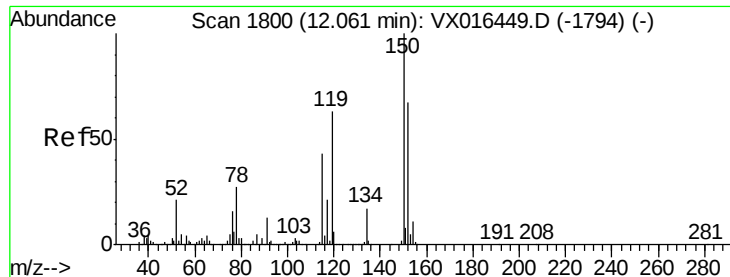
Tot Ion:117 Resp: 355155
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.6
119 32.3 25.8 38.8



#65
Chlorobenzene
Concen: 6.909 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016675.D
Acq: 10 Jun 2020 15:23

Tgt Ion:112 Resp: 50024
Ion Ratio Lower Upper
112 100
114 31.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016675.D

Acq: 10 Jun 2020 15:23

Instrument :

MSVOA_X

ClientSampleId :

Z5-DUP-0564-200609

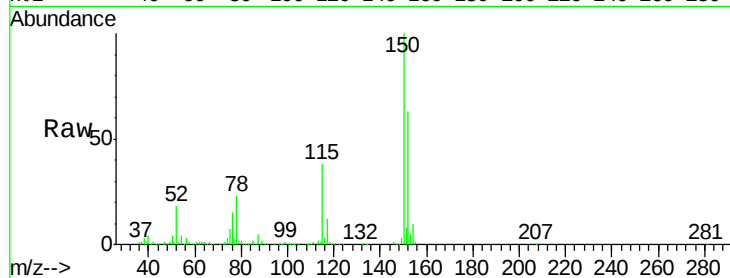
Tot Ion:152 Resp: 183849

Ion Ratio Lower Upper

152 100

115 57.7 39.9 119.6

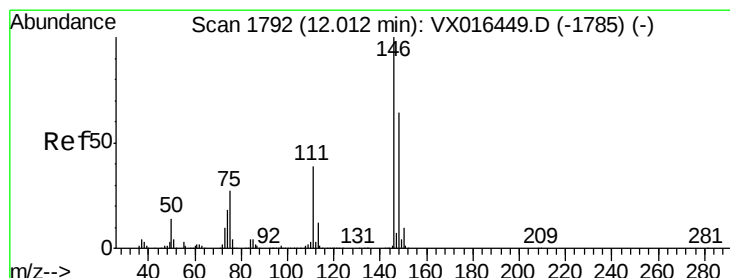
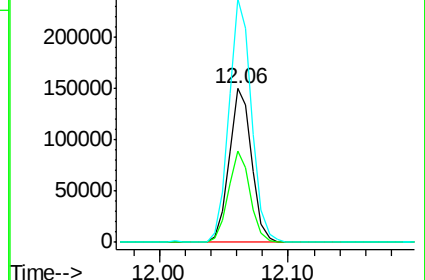
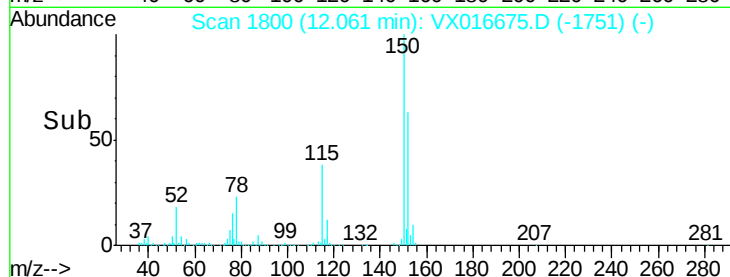
150 159.2 0.0 341.0



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: 2.652 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016675.D

Acq: 10 Jun 2020 15:23

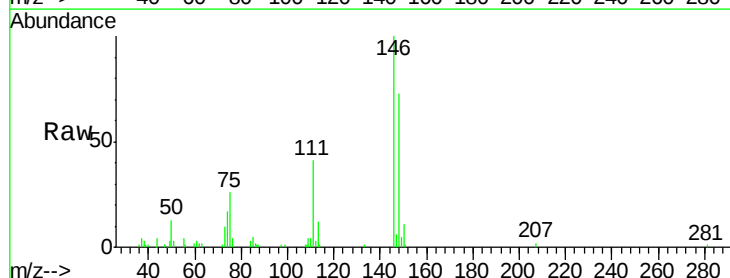
Tgt Ion:146 Resp: 15352

Ion Ratio Lower Upper

146 100

111 38.6 20.0 60.0

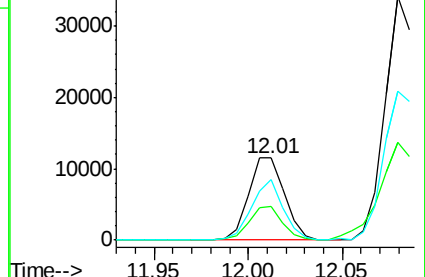
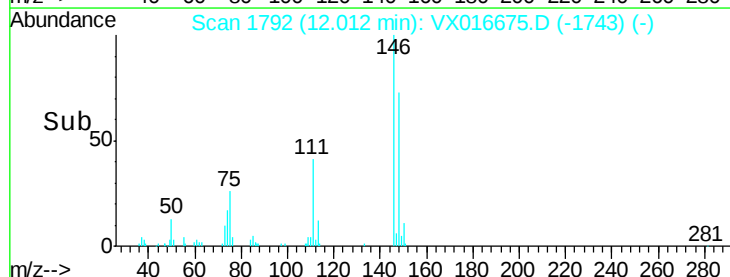
148 63.9 31.9 95.5

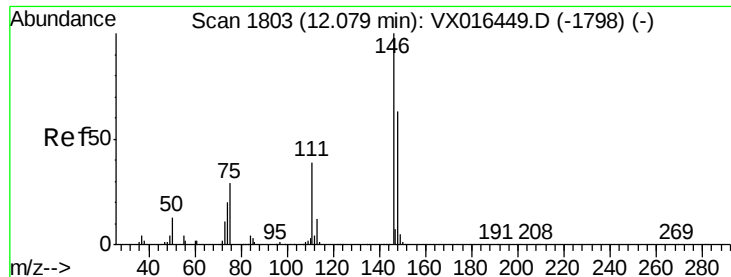


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

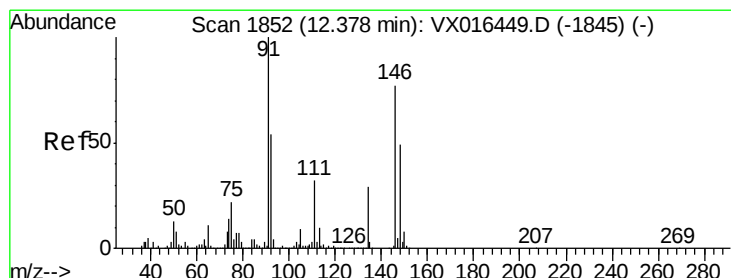
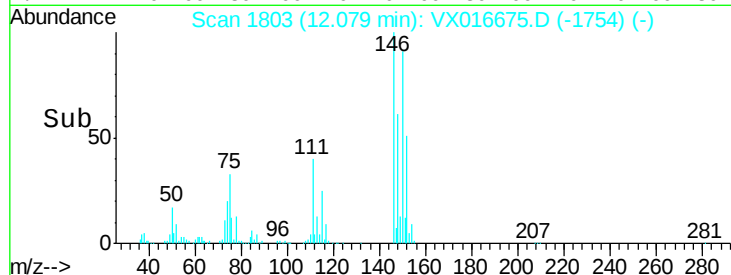
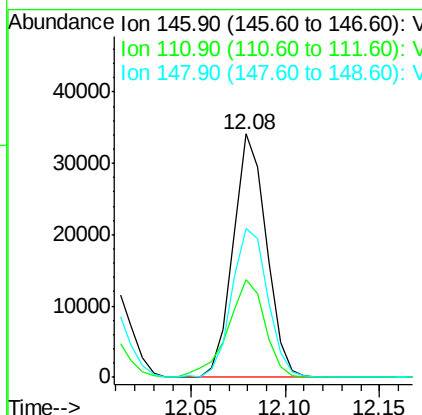
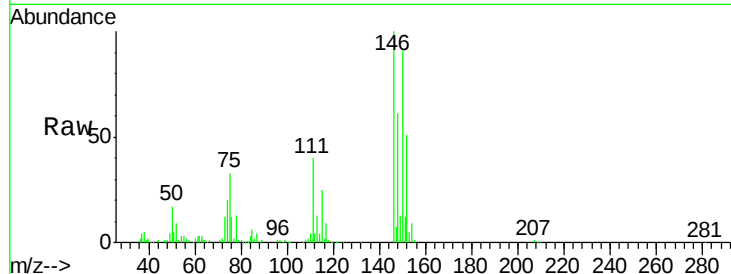




#88
 1,4-Dichlorobenzene
 Concen: 7.086 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016675.D
 Acq: 10 Jun 2020 15:23

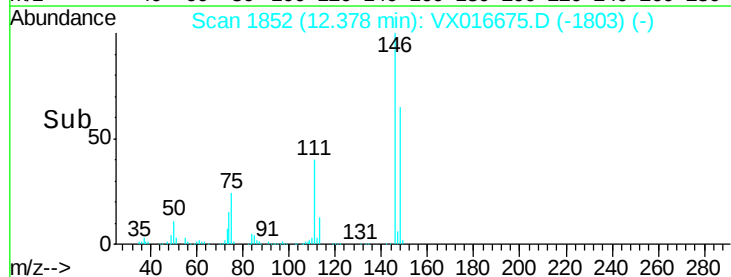
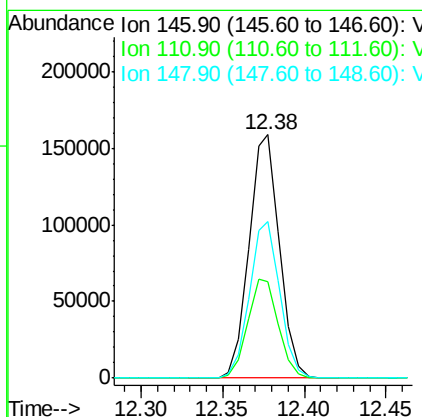
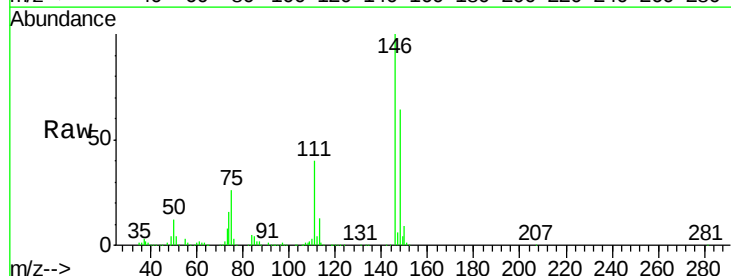
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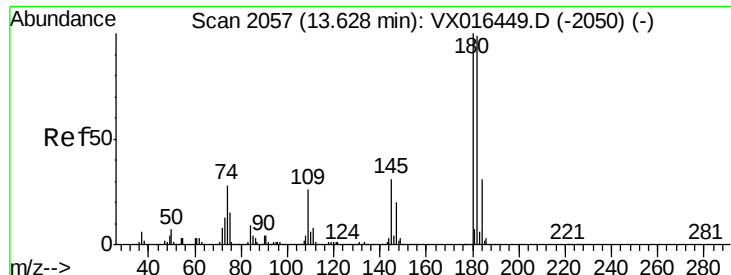
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	19.4	58.2
148	65.7	31.4	94.3



#91
 1,2-Dichlorobenzene
 Concen: 36.783 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016675.D
 Acq: 10 Jun 2020 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.4	64.3
148	64.0	31.9	95.7





#93
 1,2,4-Trichlorobenzene
 Concen: 0.608 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016675.D
 Acq: 10 Jun 2020 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-DUP-0564-200609

Tot Ion:	180	Resp:	2266
Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.3	144.8
145	26.6	15.4	46.2

