

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012727.D
 Acq On : 01 Oct 2019 12:54
 Operator : JC/SP
 Sample : K5081-10RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP04-20190925RE

Quant Time: Oct 02 11:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

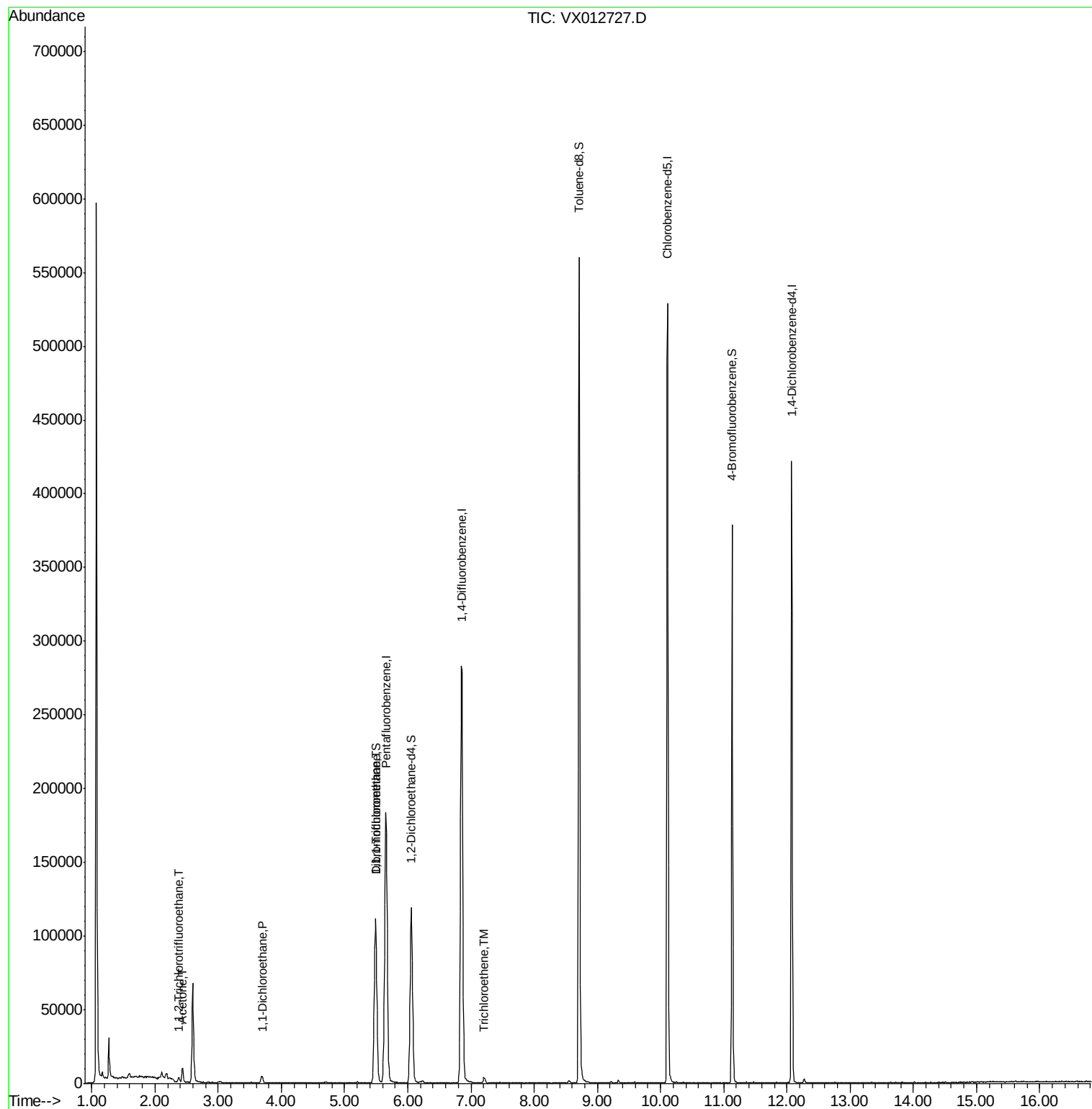
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	80310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115441	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	5.49	113	86261	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	8.71	98	334108	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.14	95	105089	41.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.14%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1120	0.621	ug/l #	77
16) Acetone	2.44	43	11161	8.814	ug/l #	89
24) 1,1-Dichloroethane	3.69	63	5293	1.439	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	11437	3.429	ug/l	99
44) Trichloroethene	7.20	130	1607	0.781	ug/l	98

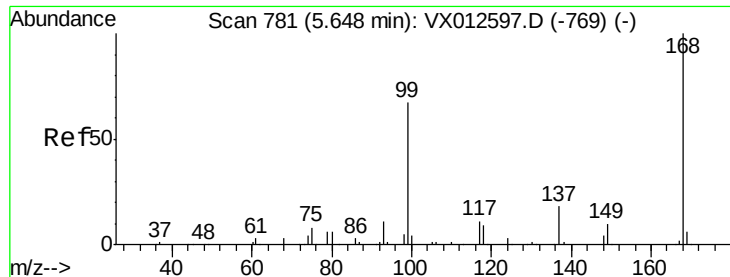
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012727.D

Acq: 01 Oct 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

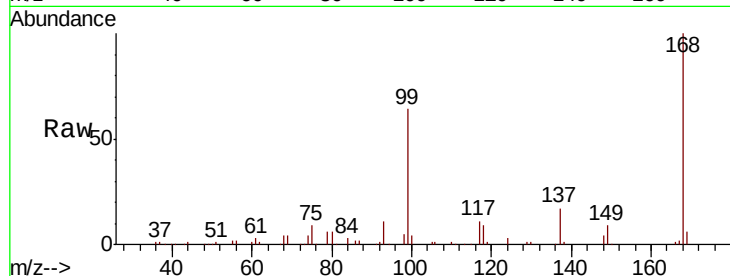
FT-DUP04-20190925RE

Tot Ion:168 Resp: 164164

Ion Ratio Lower Upper

168 100

99 64.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

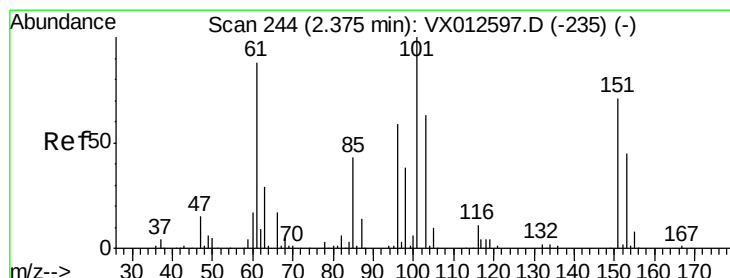
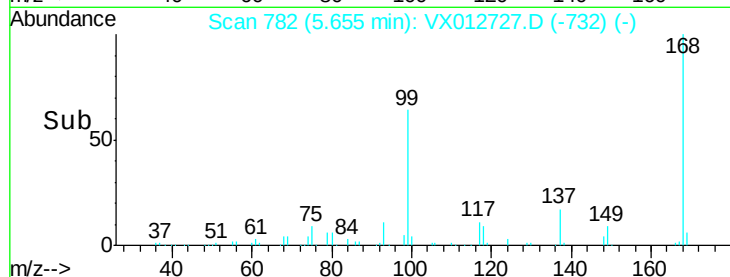
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.621 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012727.D

Acq: 01 Oct 2019 12:54

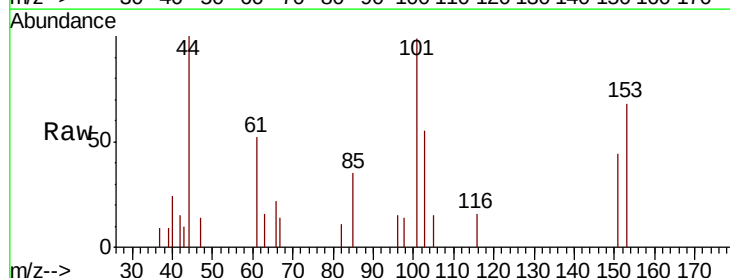
Tgt Ion:101 Resp: 1120

Ion Ratio Lower Upper

101 100

85 59.2 37.3 55.9#

151 97.8 61.0 91.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

800

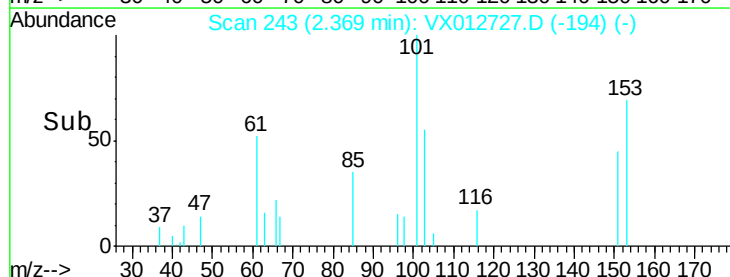
600

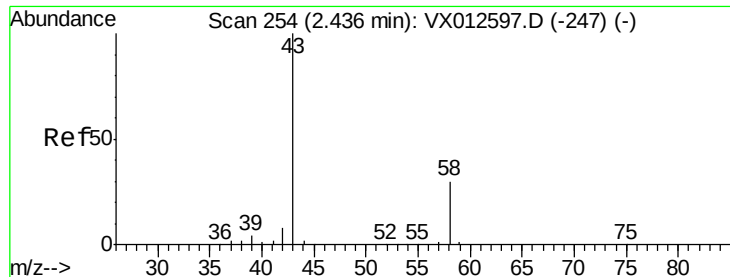
400

200

0

Time--> 2.35 2.40





#16

Acetone

Concen: 8.814 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012727.D

Acq: 01 Oct 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

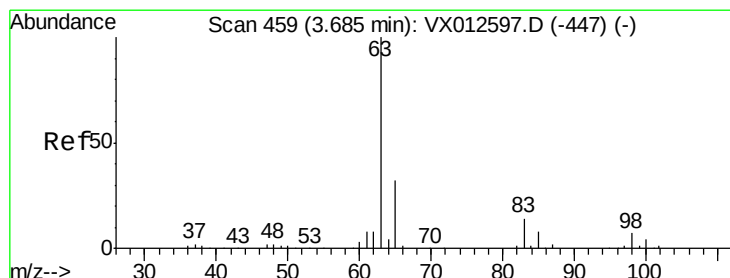
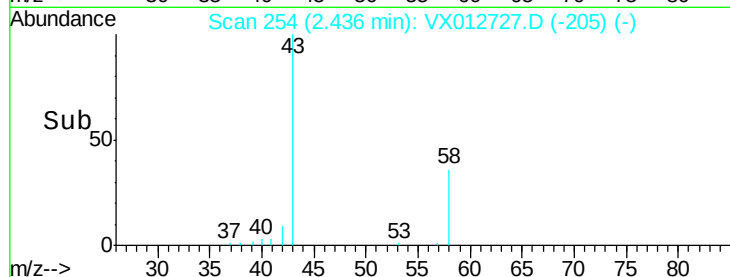
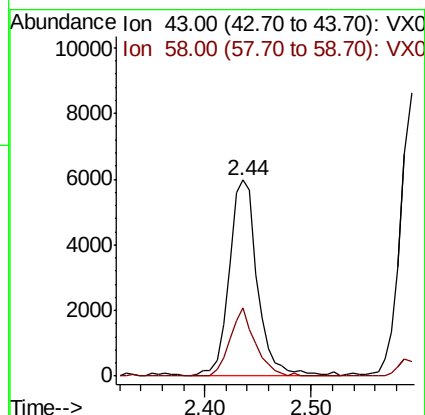
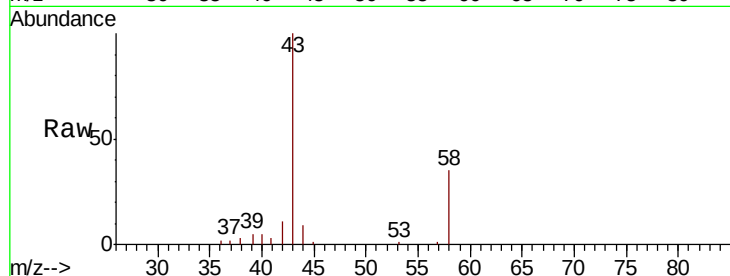
FT-DUP04-20190925RE

Tot Ion: 43 Resp: 11161

Ion Ratio Lower Upper

43 100

58 34.9 23.3 34.9#



#24

1,1-Dichloroethane

Concen: 1.439 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012727.D

Acq: 01 Oct 2019 12:54

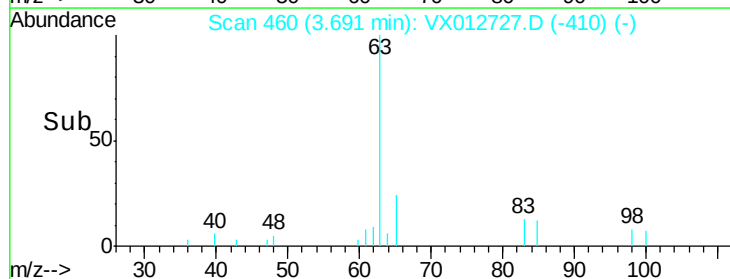
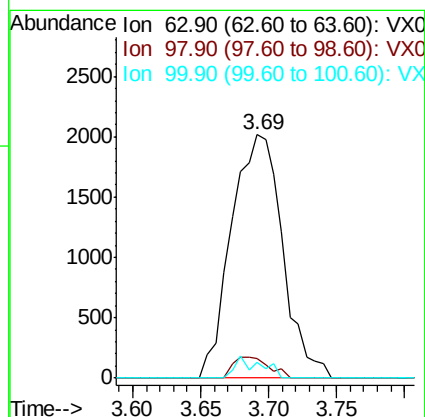
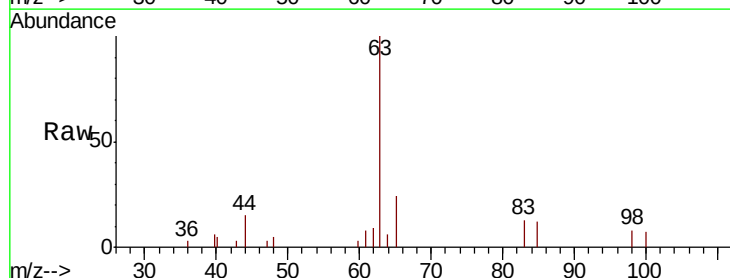
Tgt Ion: 63 Resp: 5293

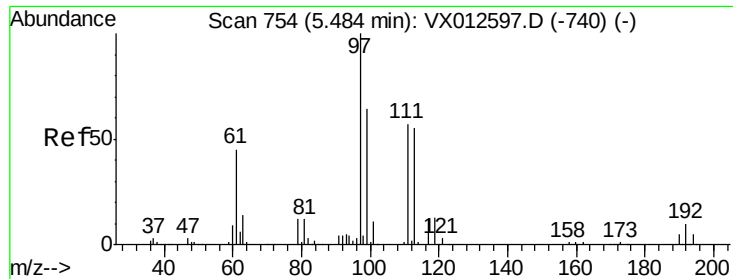
Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

100 6.6 2.3 6.9





#32

1,1,1-Trichloroethane

Concen: 3.429 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012727.D

Acq: 01 Oct 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925RE

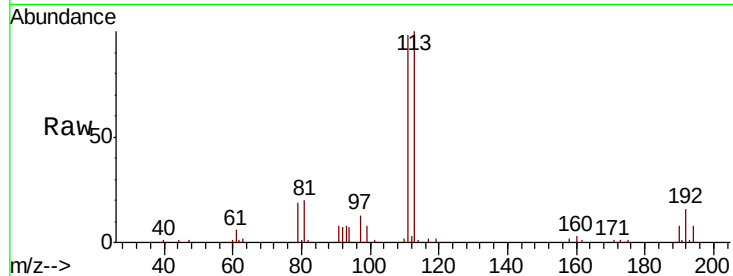
Tot Ion: 97 Resp: 11437

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

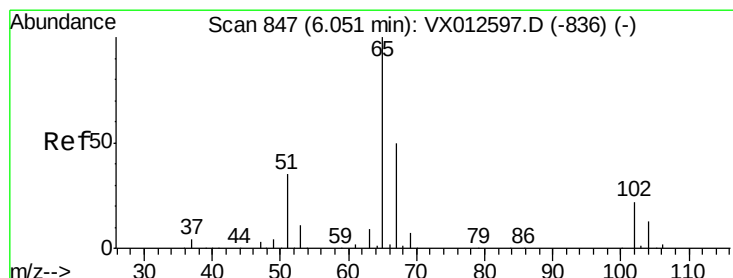
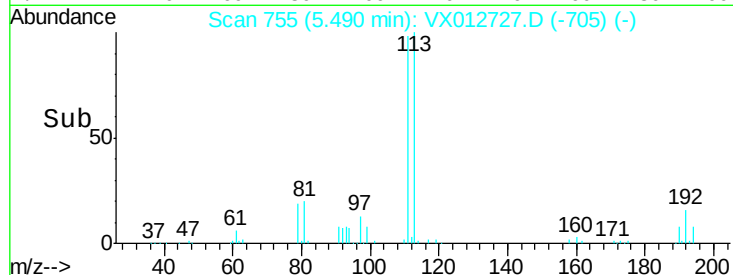
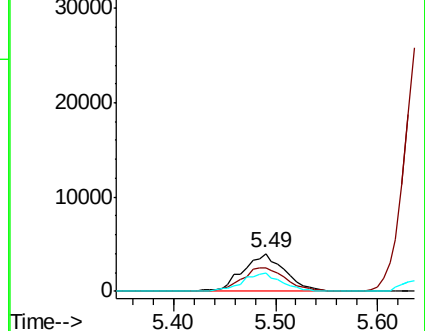
61 44.8 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.291 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012727.D

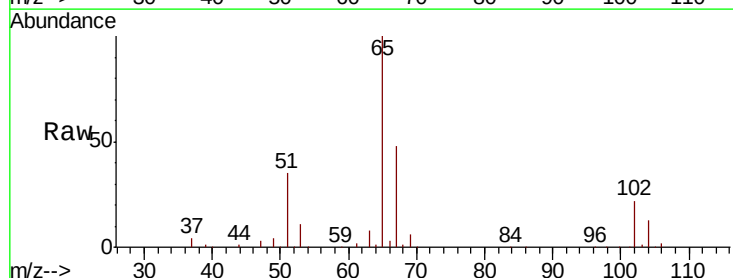
Acq: 01 Oct 2019 12:54

Tgt Ion: 65 Resp: 115441

Ion Ratio Lower Upper

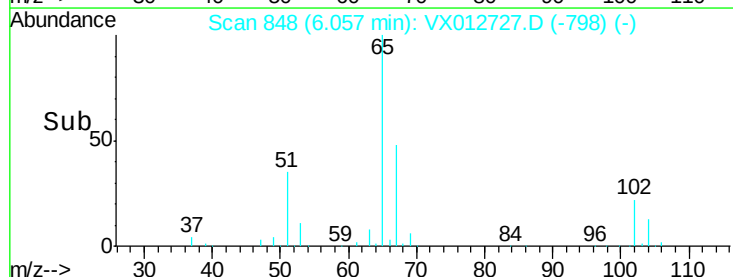
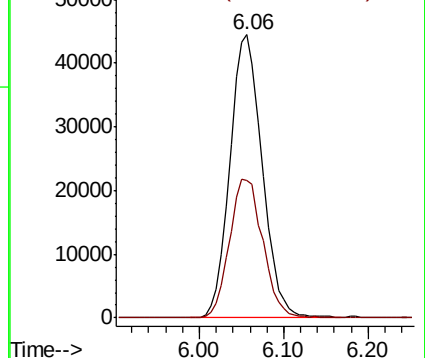
65 100

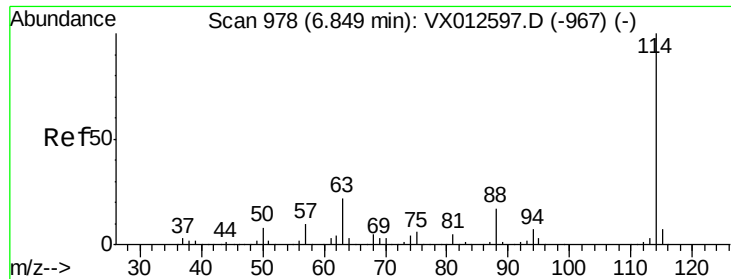
67 50.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

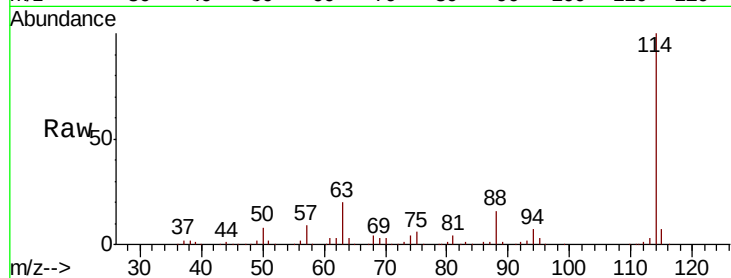




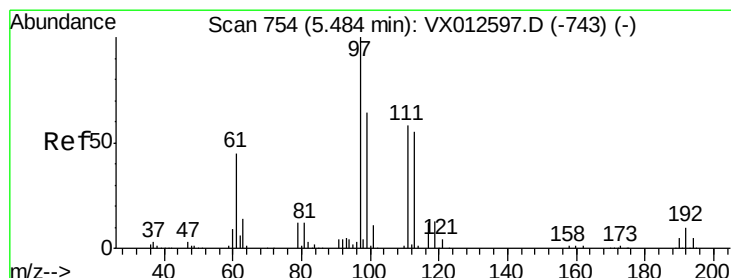
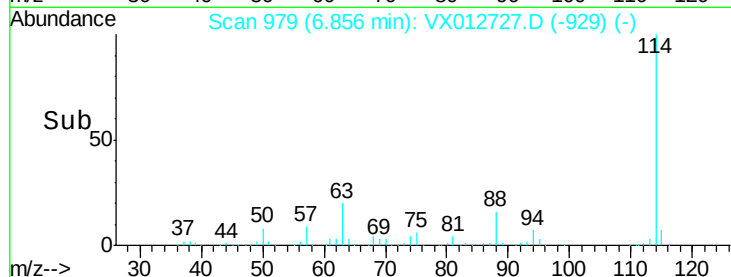
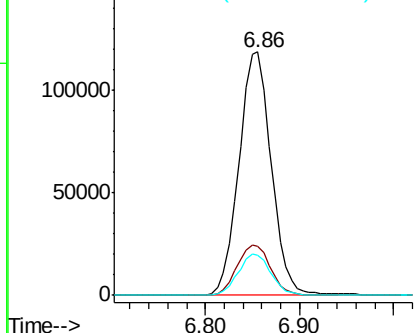
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012727.D
 Acq: 01 Oct 2019 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP04-20190925RE

Tot Ion:114 Resp: 283734
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 16.2 0.0 33.2

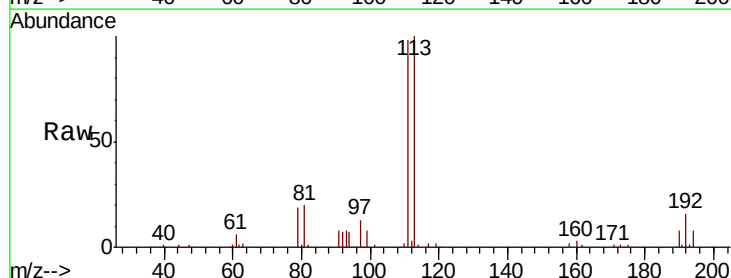


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

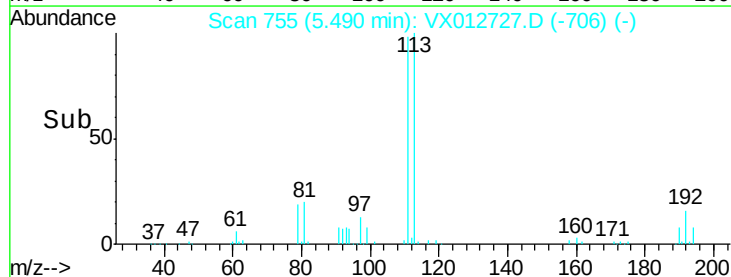
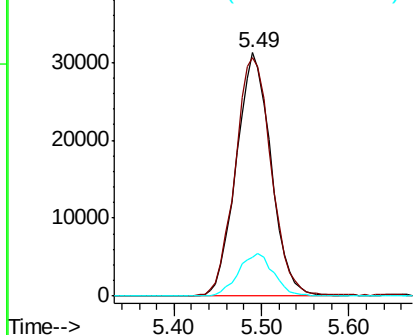


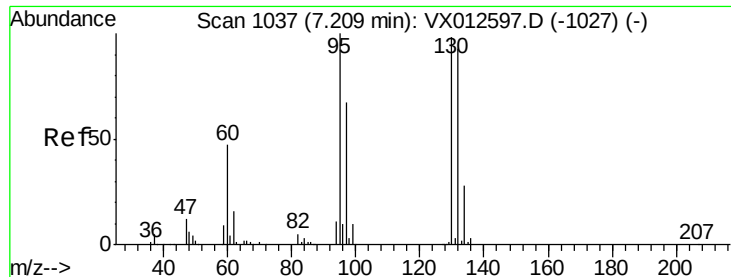
#35
 Dibromofluoromethane
 Concen: 51.049 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012727.D
 Acq: 01 Oct 2019 12:54

Tgt Ion:113 Resp: 86261
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.2
 192 17.8 14.4 21.6



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: 0.781 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012727.D

Acq: 01 Oct 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

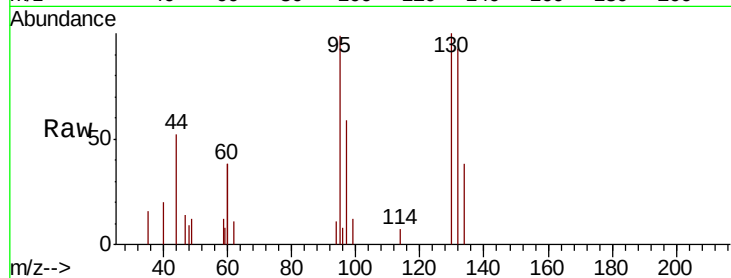
FT-DUP04-20190925RE

Tot Ion:130 Resp: 1607

Ion Ratio Lower Upper

130 100

95 98.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

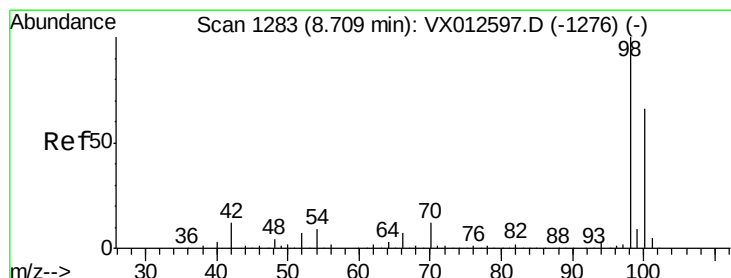
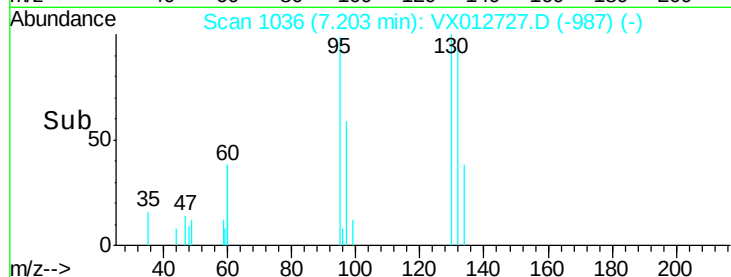
600

400

200

0

Time-->



#50

Toluene-d8

Concen: 51.343 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012727.D

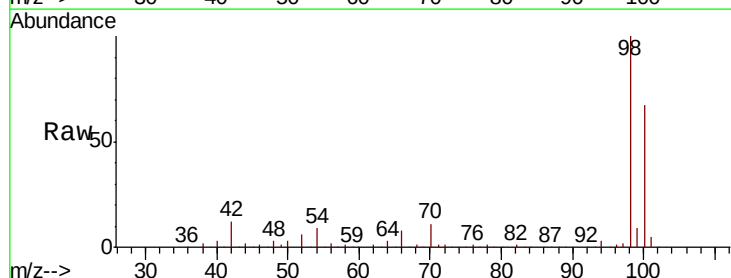
Acq: 01 Oct 2019 12:54

Tgt Ion: 98 Resp: 334108

Ion Ratio Lower Upper

98 100

100 67.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

250000

200000

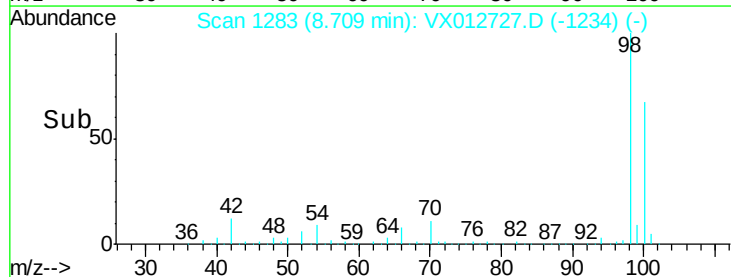
150000

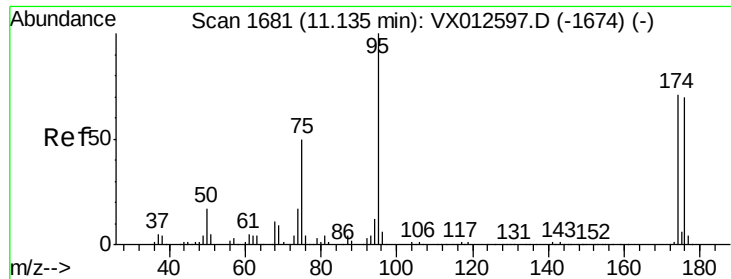
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 41.071 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012727.D

Acq: 01 Oct 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925RE

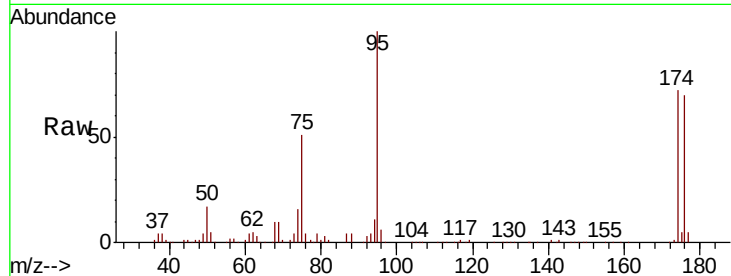
Tot Ion: 95 Resp: 105089

Ion Ratio Lower Upper

95 100

174 69.8 0.0 140.0

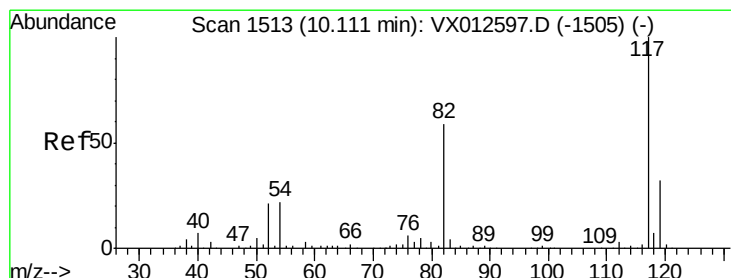
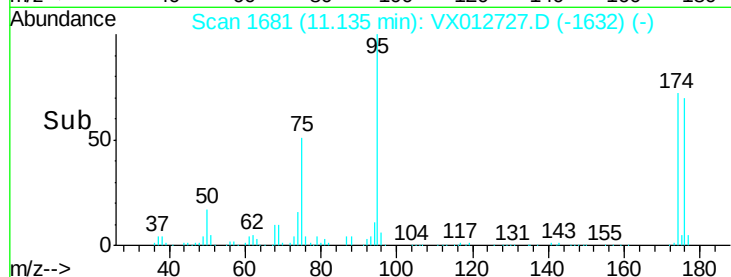
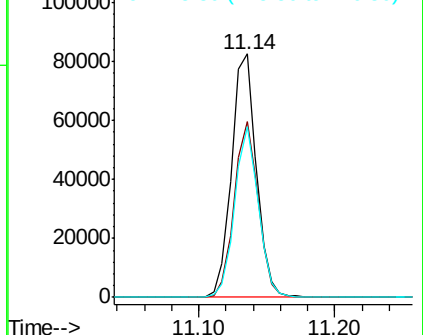
176 66.9 0.0 135.4



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: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012727.D

Acq: 01 Oct 2019 12:54

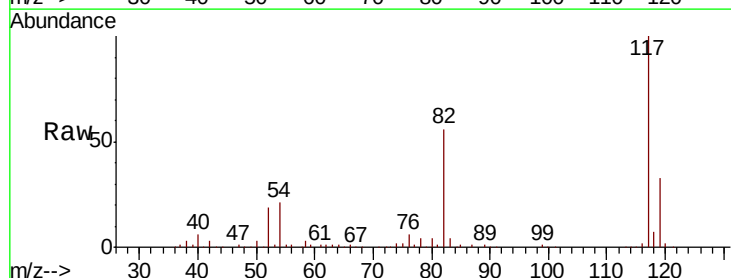
Tgt Ion: 117 Resp: 237209

Ion Ratio Lower Upper

117 100

82 56.0 45.9 68.9

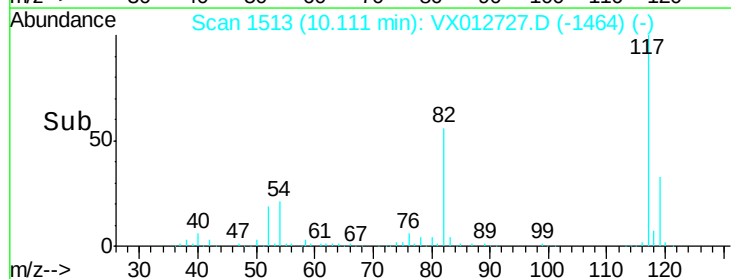
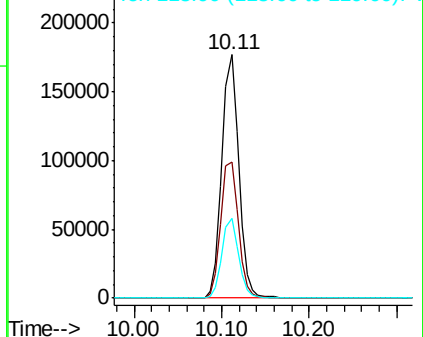
119 32.5 25.3 37.9

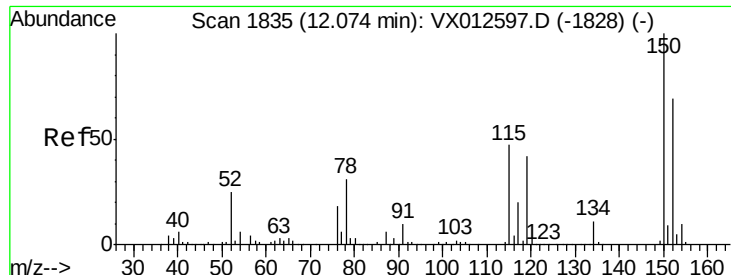


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

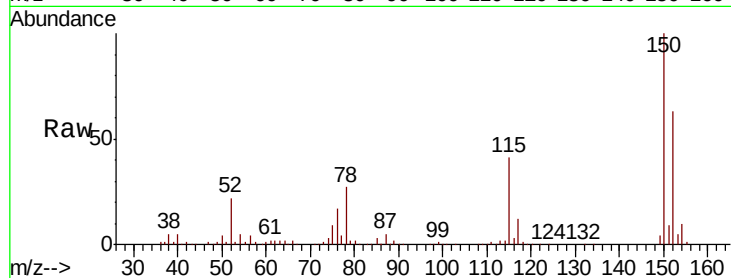




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012727.D
 Acq: 01 Oct 2019 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP04-20190925RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.0	44.1	132.3
150	155.4	0.0	343.8



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

