

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016977.D
 Acq On : 26 Jun 2020 12:50
 Operator : JC/SP
 Sample : L3112-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16S-20200624

Quant Time: Jun 29 05:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

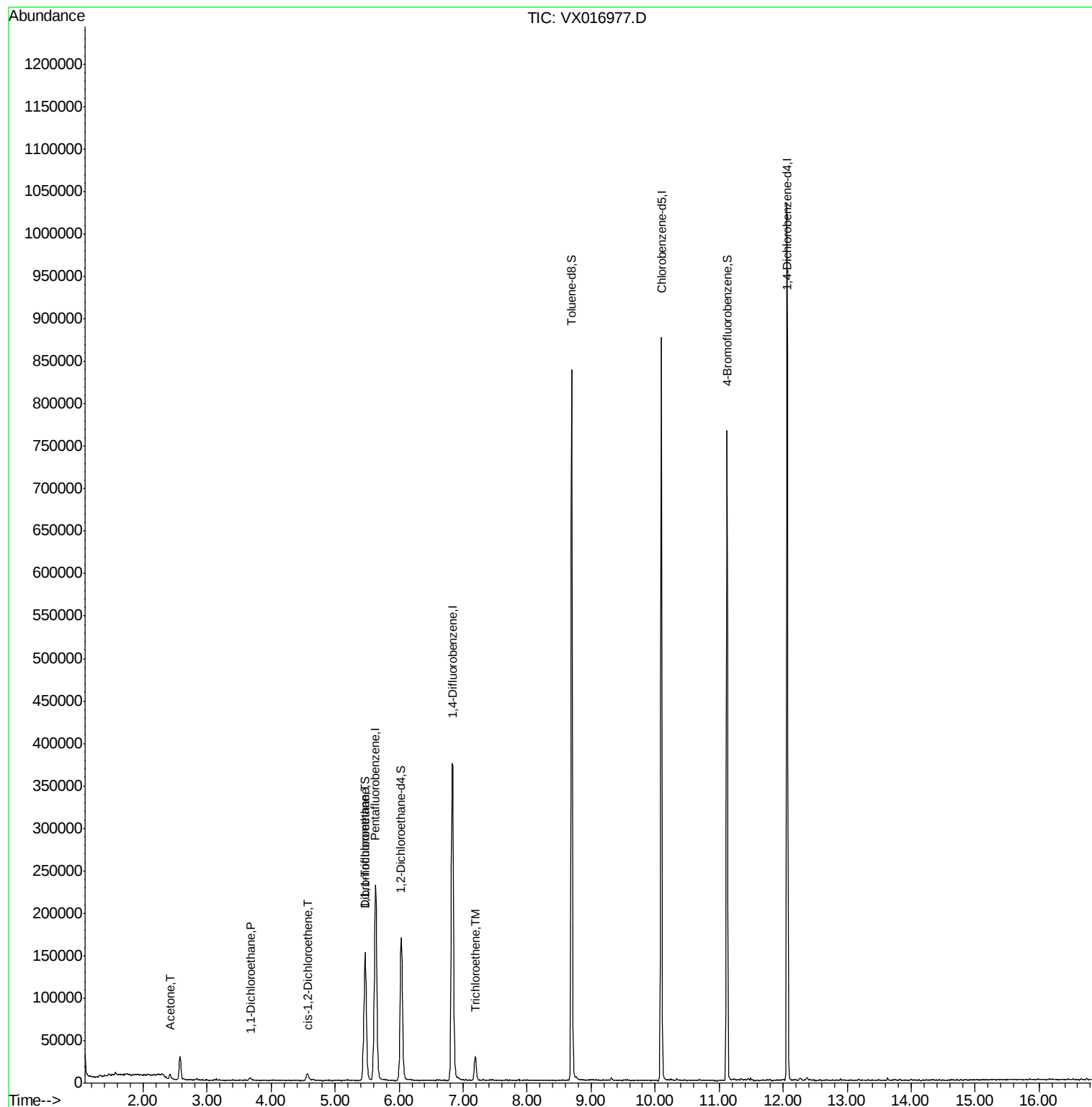
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	204752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	367529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	369144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	162378	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
35) Dibromofluoromethane	5.46	113	121811	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	8.70	98	455260	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.12	95	187613	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
Target Compounds						
16) Acetone	2.42	43	5500	4.551	ug/l	99
24) 1,1-Dichloroethane	3.68	63	3465	0.746	ug/l #	82
27) cis-1,2-Dichloroethene	4.56	96	5029	1.775	ug/l	83
32) 1,1,1-Trichloroethane	5.47	97	3164	0.757	ug/l #	41
44) Trichloroethene	7.19	130	10347	3.709	ug/l	96

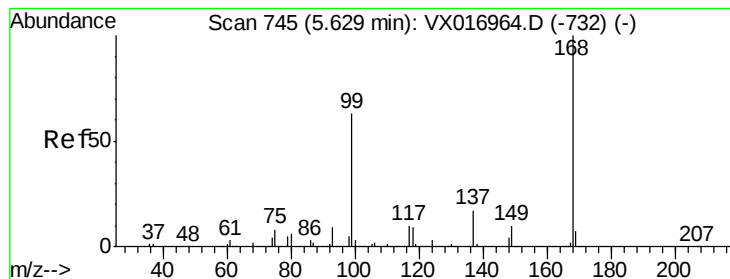
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
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: VX016977.D

Acq: 26 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

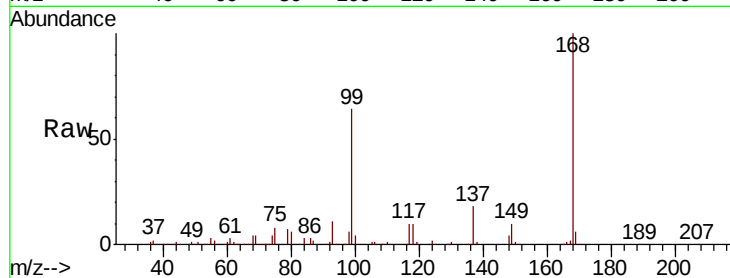
16S-20200624

Tot Ion:168 Resp: 204752

Ion Ratio Lower Upper

168 100

99 63.8 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): VX016964.D (-732) (-)

Ion 98.90 (98.60 to 99.60): VX016964.D (-732) (-)

5.64

80000

60000

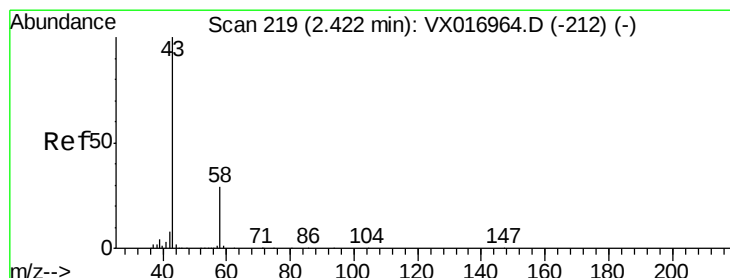
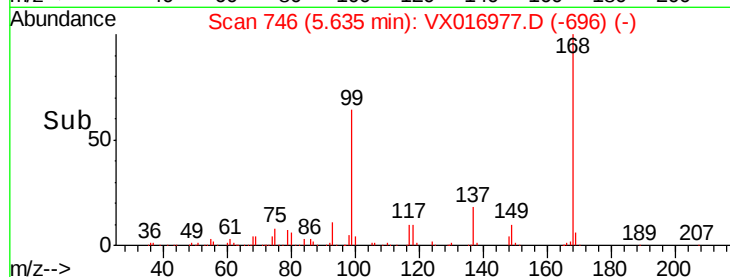
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 4.551 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016977.D

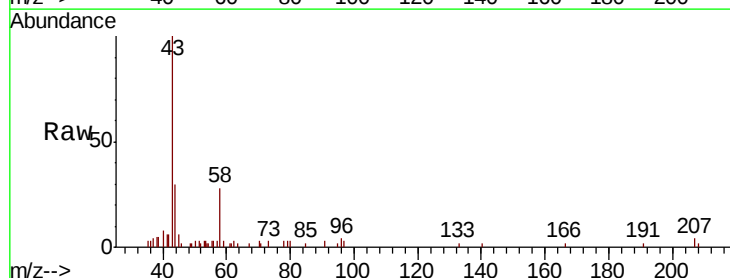
Acq: 26 Jun 2020 12:50

Tgt Ion: 43 Resp: 5500

Ion Ratio Lower Upper

43 100

58 29.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX016964.D (-212) (-)

Ion 58.00 (57.70 to 58.70): VX016964.D (-212) (-)

2.42

4000

3000

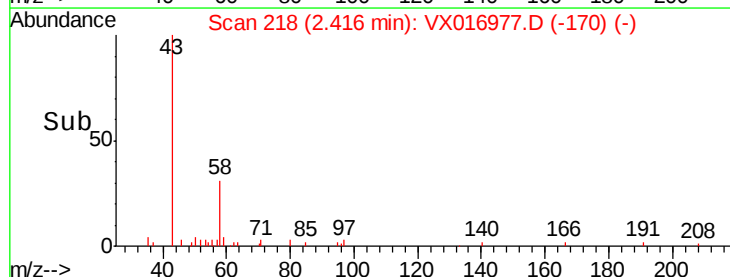
2000

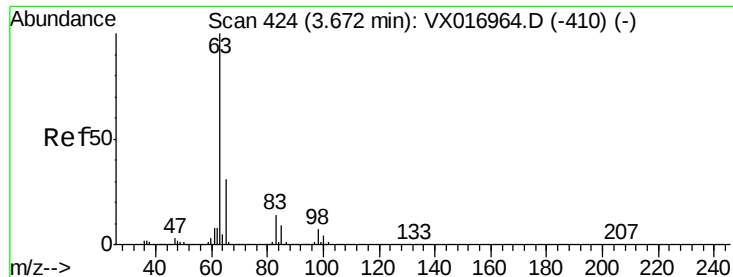
1000

0

Time-->

2.35 2.40 2.45 2.50





#24

1,1-Dichloroethane

Concen: 0.746 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX016977.D

Acq: 26 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

16S-20200624

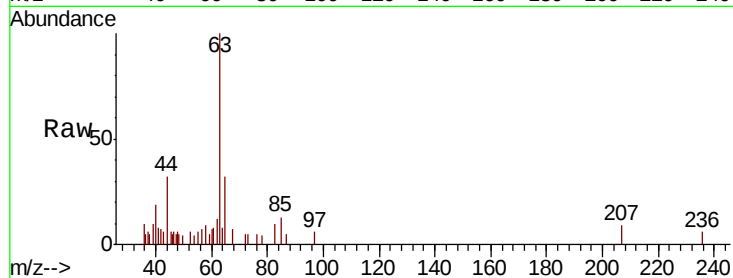
Tot Ion: 63 Resp: 3465

Ion Ratio Lower Upper

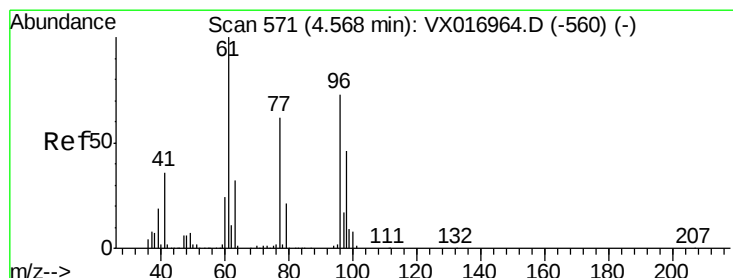
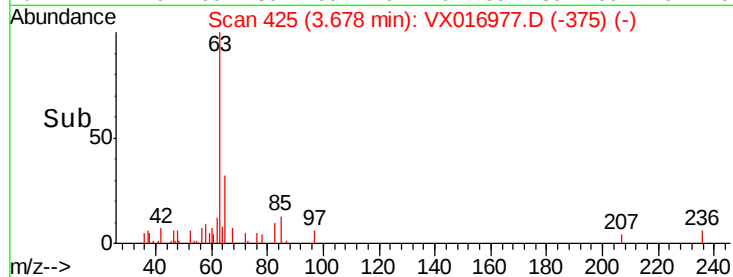
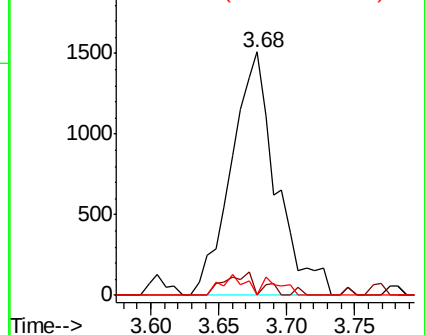
63 100

98 0.0 3.6 10.8#

100 0.0 2.1 6.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.775 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016977.D

Acq: 26 Jun 2020 12:50

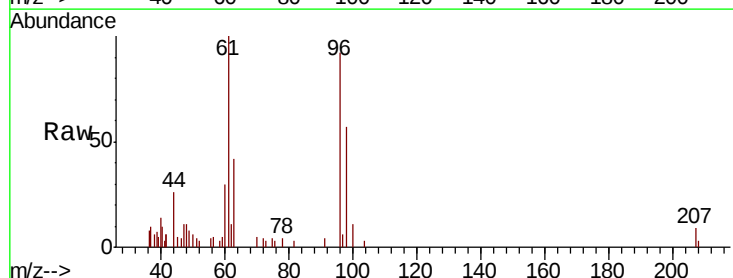
Tgt Ion: 96 Resp: 5029

Ion Ratio Lower Upper

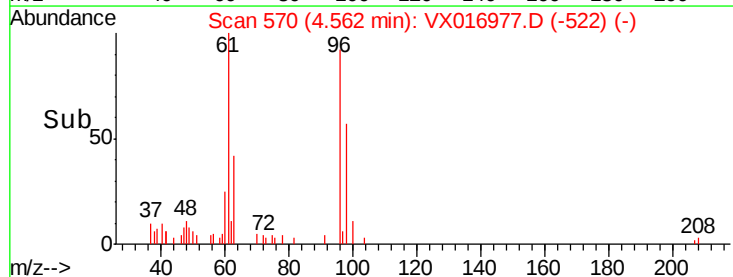
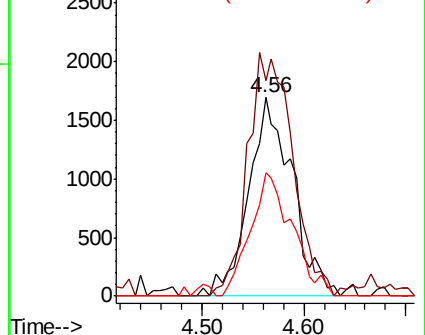
96 100

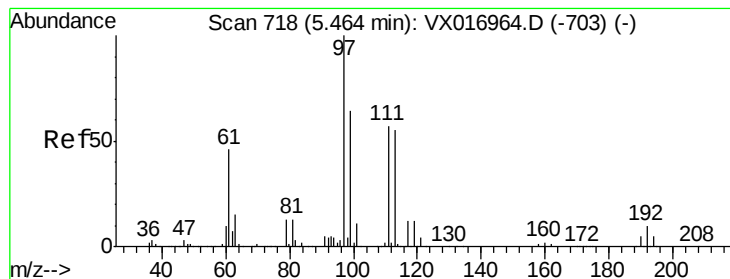
61 125.6 0.0 307.2

98 59.7 0.0 128.4



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





#32

1,1,1-Trichloroethane

Concen: 0.757 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016977.D

Acq: 26 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

16S-20200624

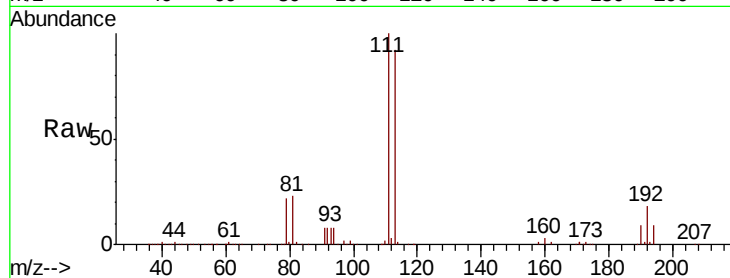
Tot Ion: 97 Resp: 3164

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.2#

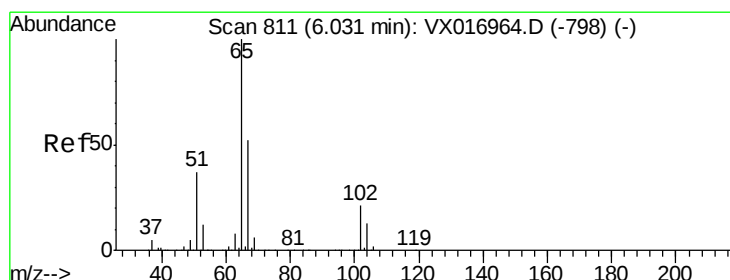
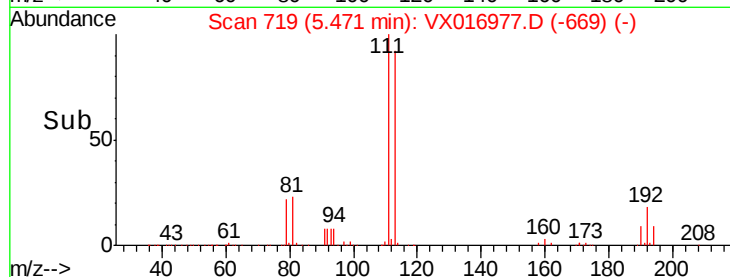
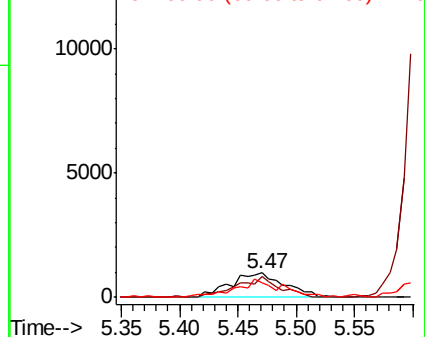
61 64.0 37.0 55.4#



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: 52.516 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016977.D

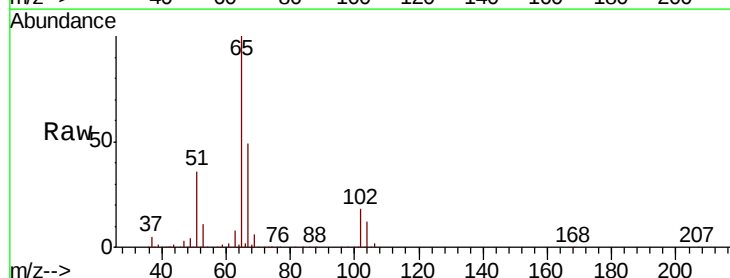
Acq: 26 Jun 2020 12:50

Tgt Ion: 65 Resp: 162378

Ion Ratio Lower Upper

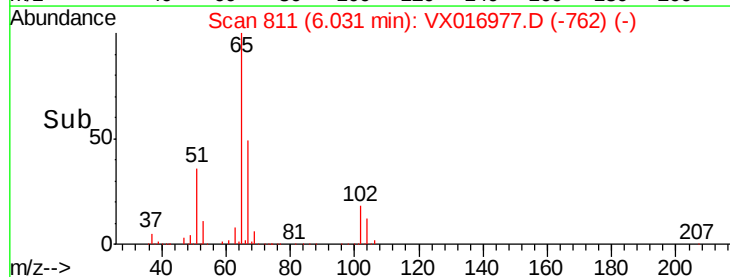
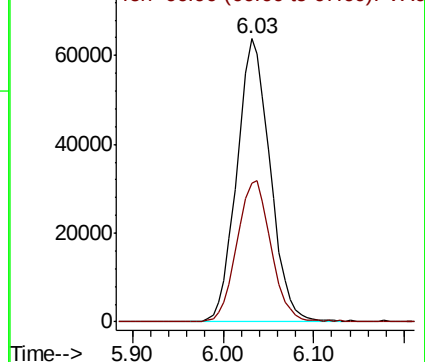
65 100

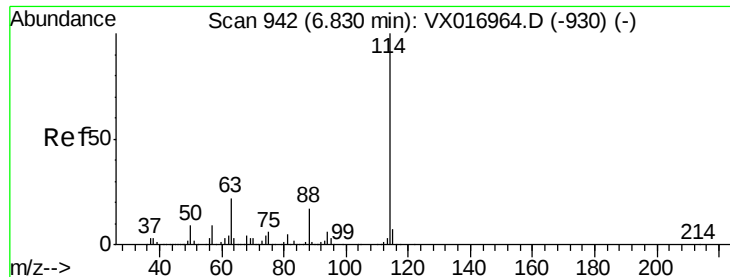
67 50.9 0.0 102.8



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: VX016977.D

Acq: 26 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

16S-20200624

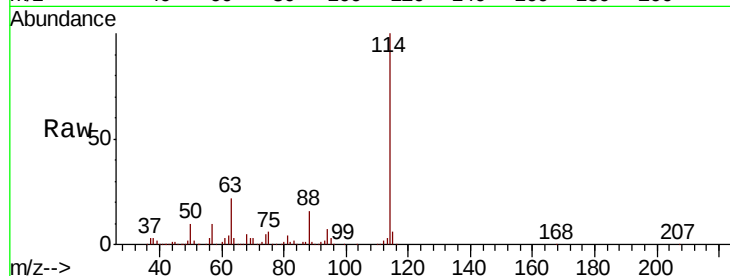
Tot Ion:114 Resp: 367529

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.4

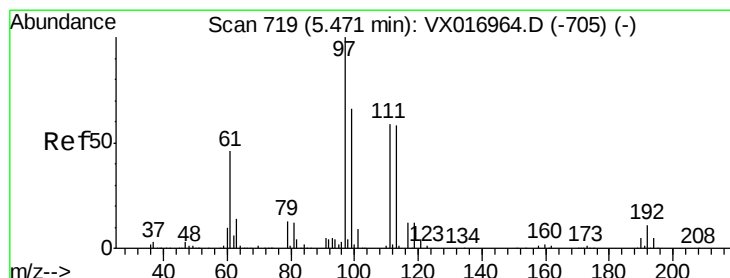
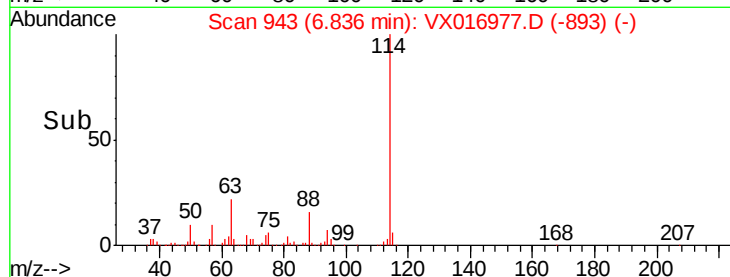
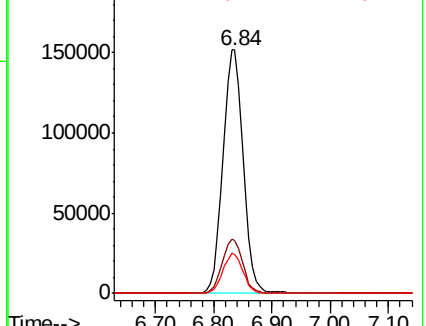
88 15.8 0.0 33.2



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: 50.181 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016977.D

Acq: 26 Jun 2020 12:50

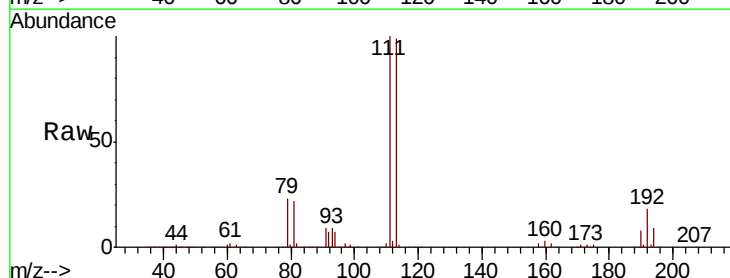
Tgt Ion:113 Resp: 121811

Ion Ratio Lower Upper

113 100

111 103.6 84.3 126.5

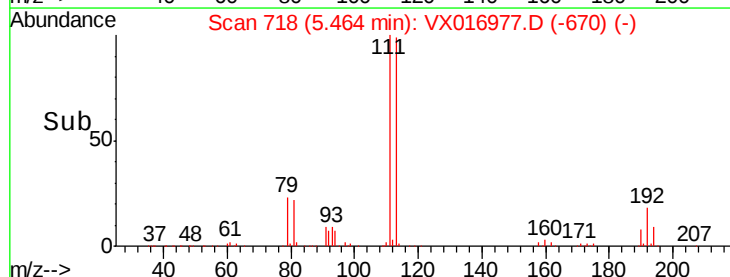
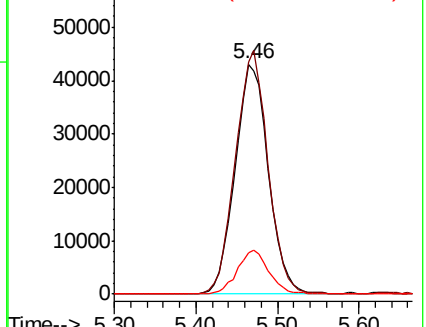
192 18.1 15.2 22.8

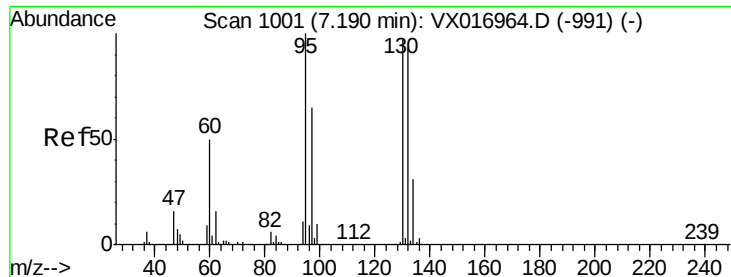


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

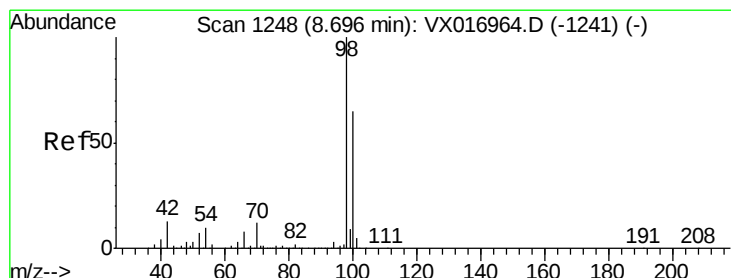
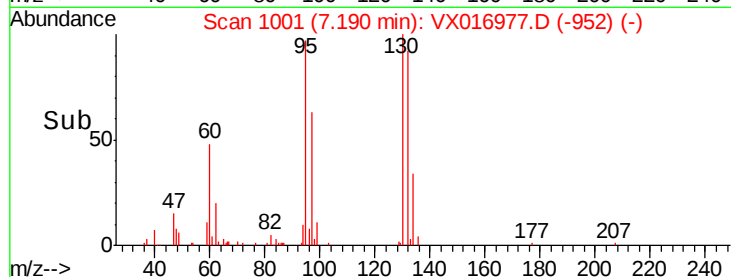
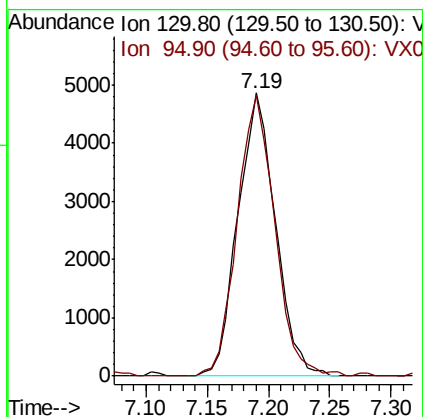
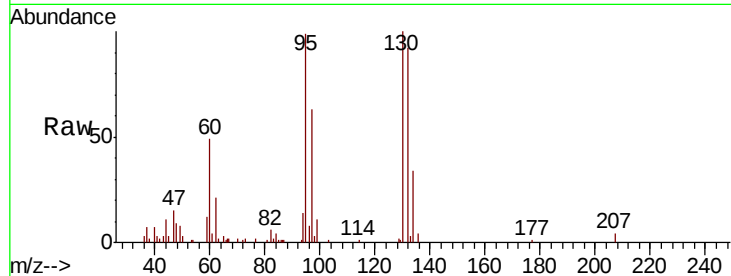




#44
 Trichloroethene
 Concen: 3.709 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016977.D
 Acq: 26 Jun 2020 12:50

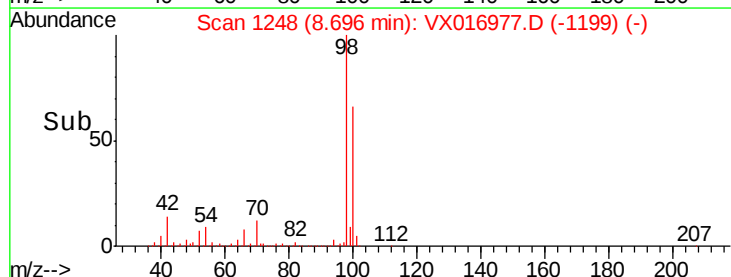
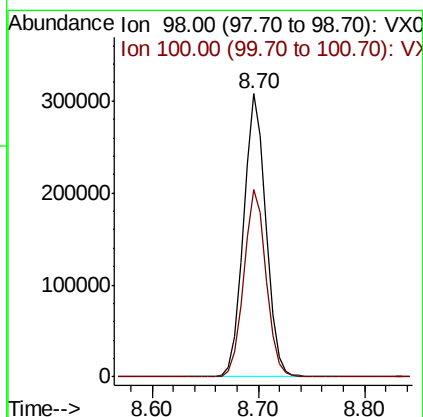
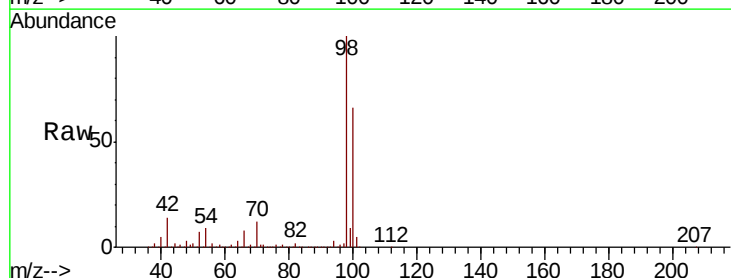
Instrument :
 MSVOA_X
 ClientSampleId :
 16S-20200624

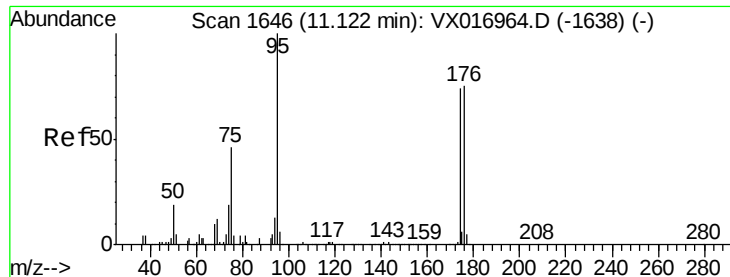
Tot Ion:130 Resp: 10347
 Ion Ratio Lower Upper
 130 100
 95 99.1 0.0 206.6



#50
 Toluene-d8
 Concen: 51.164 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016977.D
 Acq: 26 Jun 2020 12:50

Tgt Ion: 98 Resp: 455260
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 54.526 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016977.D

Acq: 26 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

16S-20200624

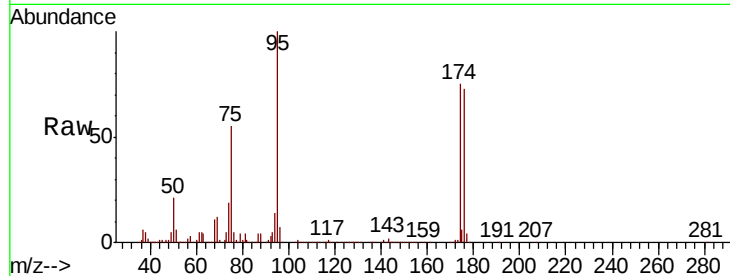
Tot Ion: 95 Resp: 187613

Ion Ratio Lower Upper

95 100

174 74.2 0.0 149.6

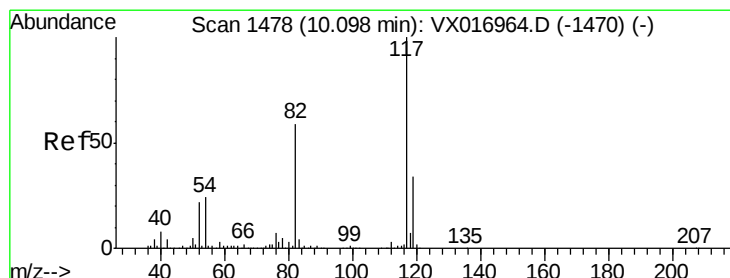
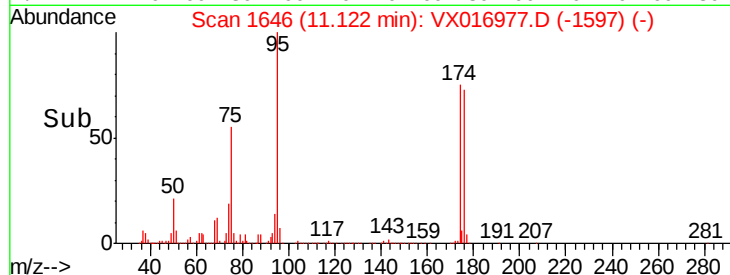
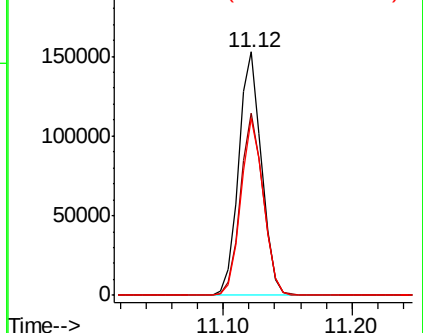
176 71.5 0.0 148.2



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: VX016977.D

Acq: 26 Jun 2020 12:50

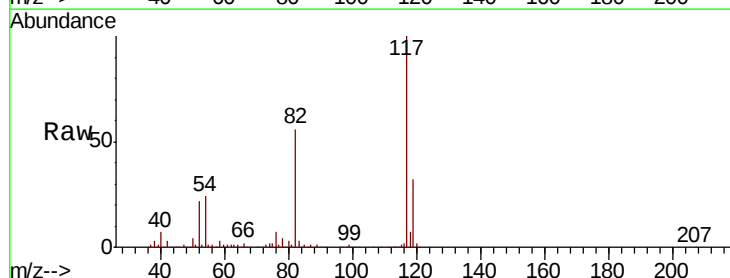
Tgt Ion: 117 Resp: 369144

Ion Ratio Lower Upper

117 100

82 55.9 46.8 70.2

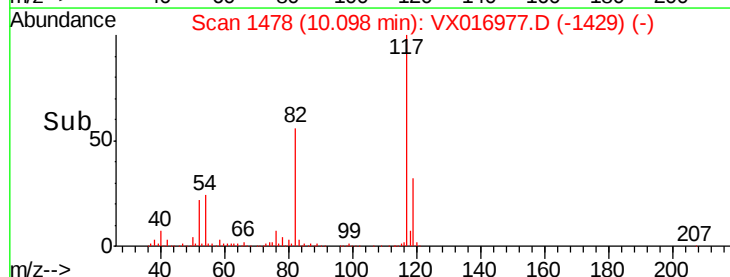
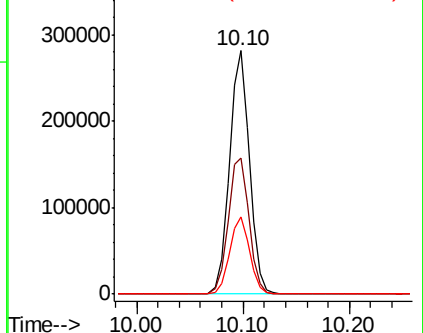
119 32.0 27.3 40.9

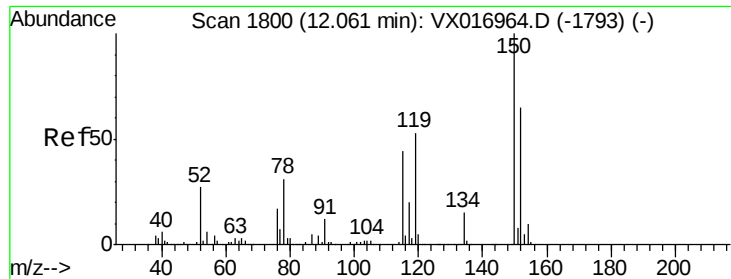


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016977.D

Acq: 26 Jun 2020 12:50

Instrument :

MSVOA_X

ClientSampleId :

16S-20200624

Tot Ion:152 Resp: 187991

Ion Ratio Lower Upper

152 100

115 61.0 42.8 128.4

150 157.2 0.0 347.8

