

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016782.D
 Acq On : 16 Jun 2020 16:15
 Operator : JC/SP
 Sample : L2993-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610

Quant Time: Jun 17 04:38:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	243247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	392827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	388660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	142591	52.12	ug/l	0.00
Spiked Amount						
			Recovery	=	104.24%	
35) Dibromofluoromethane	5.46	113	120380	49.67	ug/l	0.00
Spiked Amount						
			Recovery	=	99.34%	
50) Toluene-d8	8.70	98	469908	52.58	ug/l	0.00
Spiked Amount						
			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.12	95	191147	55.92	ug/l	0.00
Spiked Amount						
			Recovery	=	111.84%	

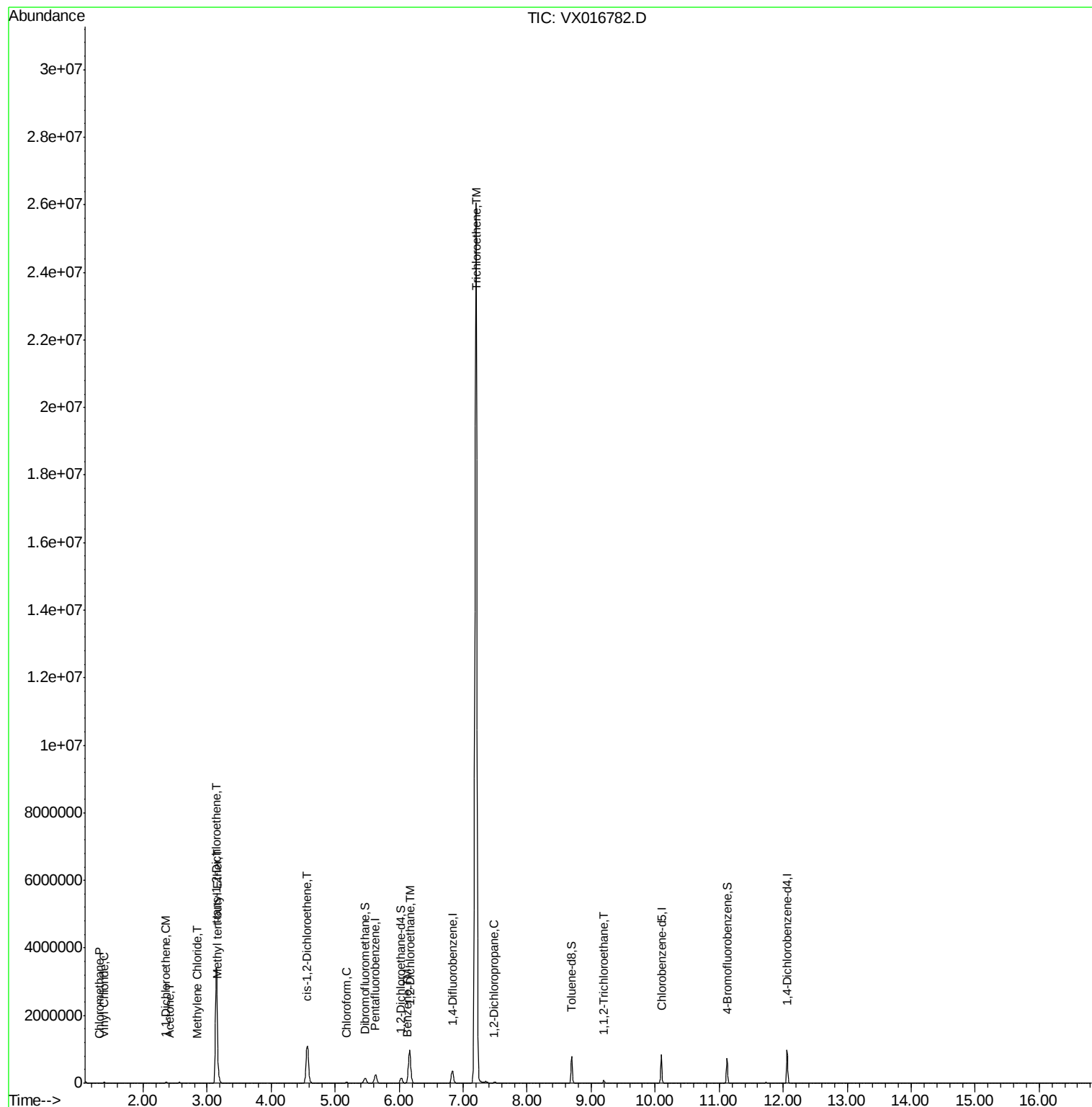
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1093	0.412	ug/l	95
4) Vinyl Chloride	1.39	62	15486	5.466	ug/l	98
12) 1,1-Dichloroethene	2.36	96	11405	4.797	ug/l	94
16) Acetone	2.41	43	4319	3.480	ug/l	90
19) Methyl tert-butyl Ether	3.17	73	354512	43.751	ug/l	100
20) Methylene Chloride	2.84	84	1064	0.398	ug/l #	72
21) trans-1,2-Dichloroethene	3.14	96	1463066	572.664	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	750703	257.082	ug/l	90
30) Chloroform	5.18	83	22515	4.872	ug/l	96
40) Benzene	6.12	78	9461	0.895	ug/l	95
42) 1,2-Dichloroethane	6.17	62	1083213	280.791	ug/l	99
44) Trichloroethene	7.20	130	11141822	3407.869	ug/l	94
45) 1,2-Dichloropropane	7.49	63	9334	3.602	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	25699	9.308	ug/l	96

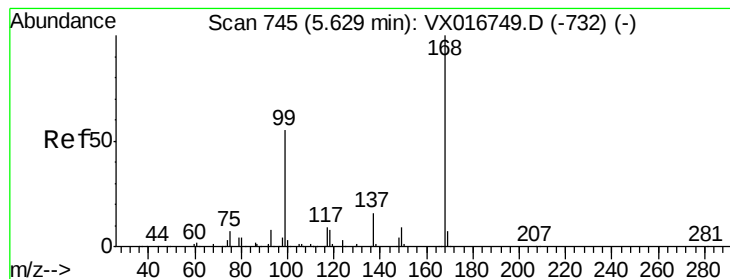
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061620\
Data File : VX016782.D
Acq On : 16 Jun 2020 16:15
Operator : JC/SP
Sample : L2993-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610

Quant Time: Jun 17 04:38:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 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: VX016782.D

Acq: 16 Jun 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

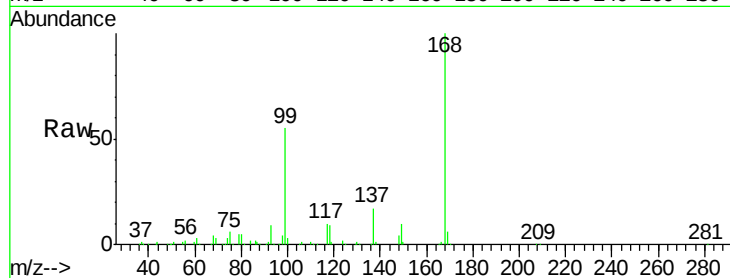
SS043MW014-200610

Tot Ion:168 Resp: 243247

Ion Ratio Lower Upper

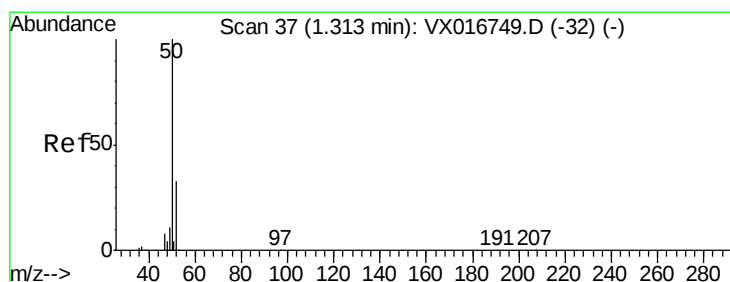
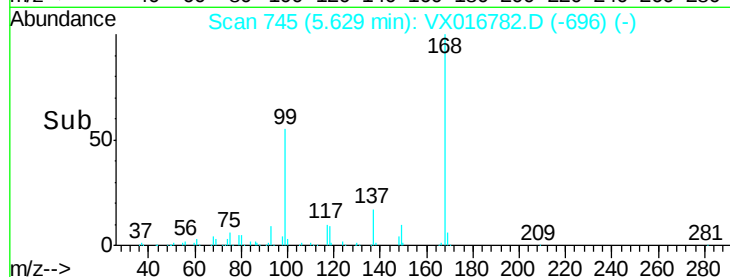
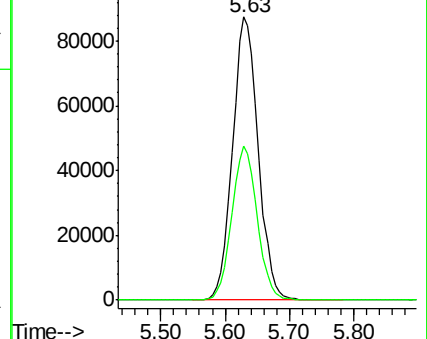
168 100

99 54.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.412 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016782.D

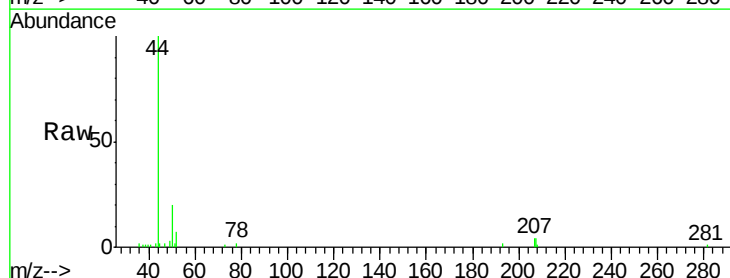
Acq: 16 Jun 2020 16:15

Tgt Ion: 50 Resp: 1093

Ion Ratio Lower Upper

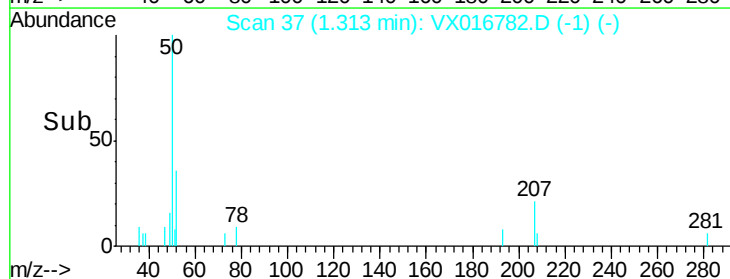
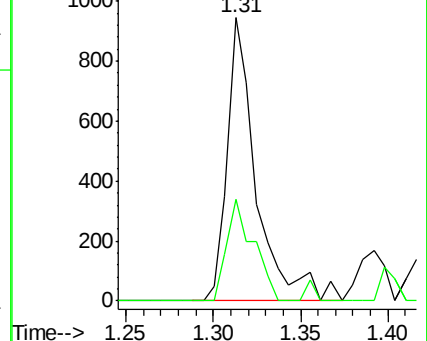
50 100

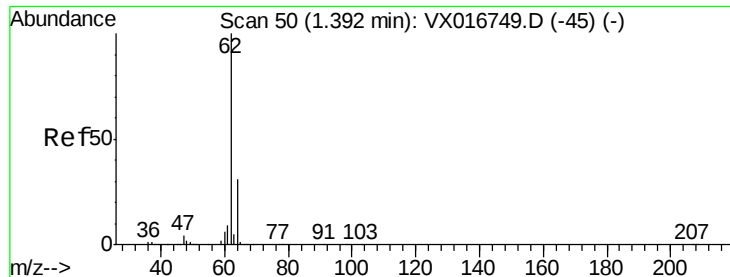
52 36.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 5.466 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016782.D

Acq: 16 Jun 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

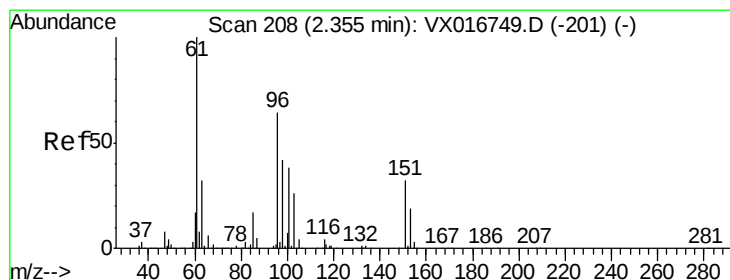
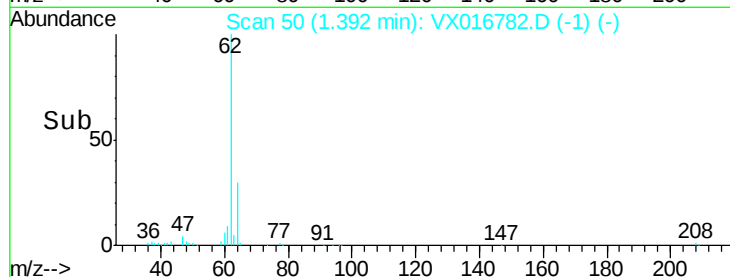
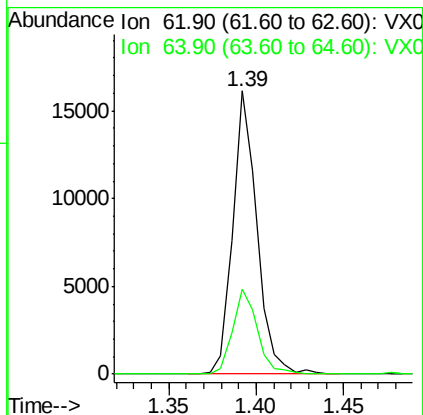
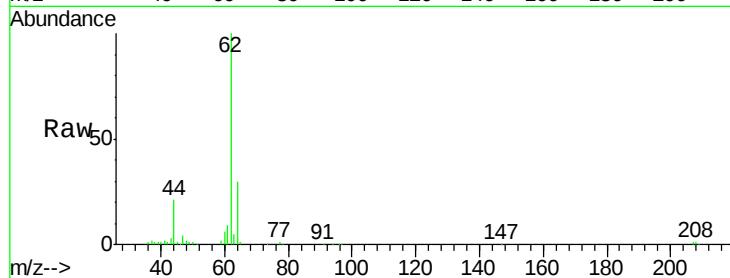
SS043MW014-200610

Tot Ion: 62 Resp: 15486

Ion Ratio Lower Upper

62 100

64 30.1 25.1 37.7



#12

1,1-Dichloroethene

Concen: 4.797 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016782.D

Acq: 16 Jun 2020 16:15

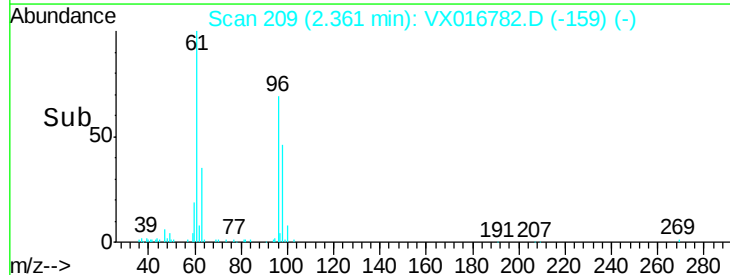
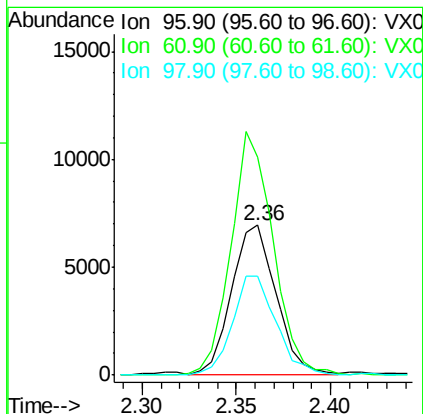
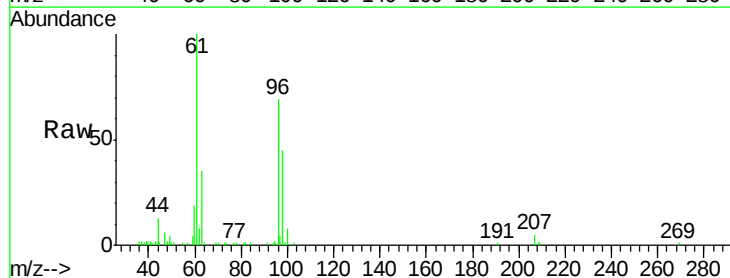
Tgt Ion: 96 Resp: 11405

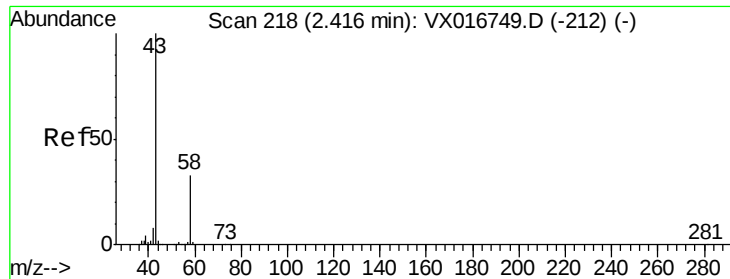
Ion Ratio Lower Upper

96 100

61 144.2 124.1 186.1

98 65.9 52.7 79.1





#16

Acetone

Concen: 3.480 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX016782.D

Acq: 16 Jun 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

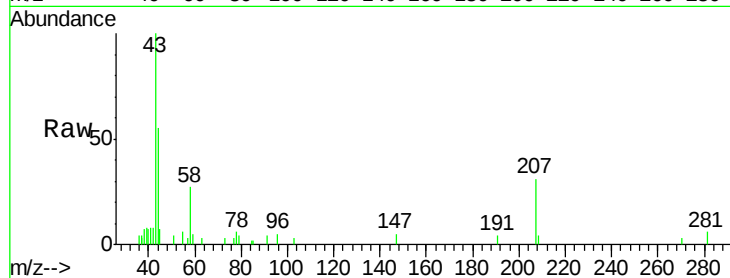
SS043MW014-200610

Tot Ion: 43 Resp: 4319

Ion Ratio Lower Upper

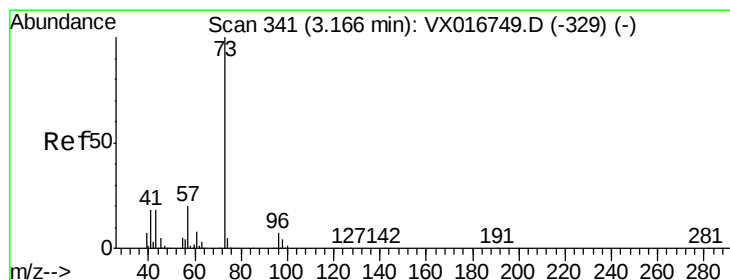
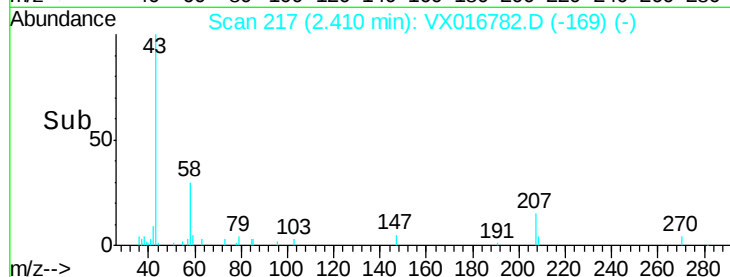
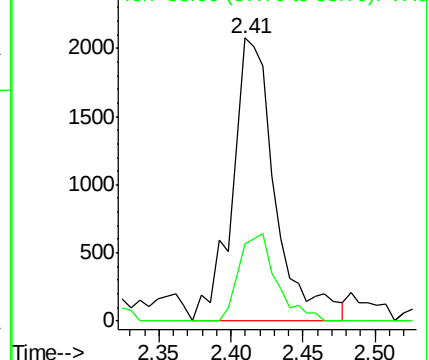
43 100

58 27.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 43.751 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016782.D

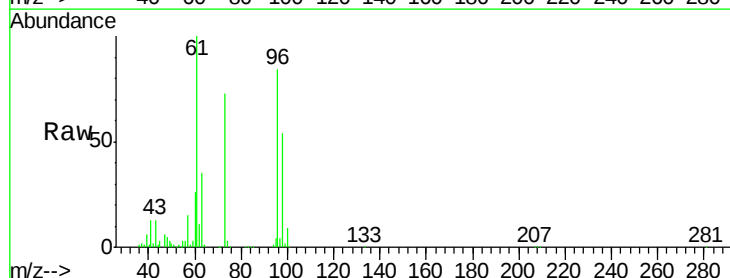
Acq: 16 Jun 2020 16:15

Tgt Ion: 73 Resp: 354512

Ion Ratio Lower Upper

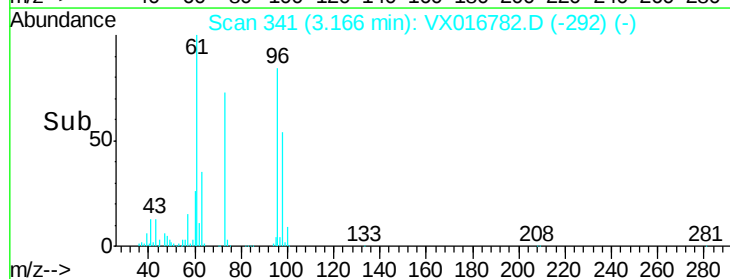
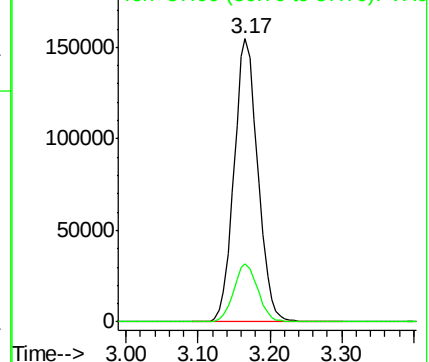
73 100

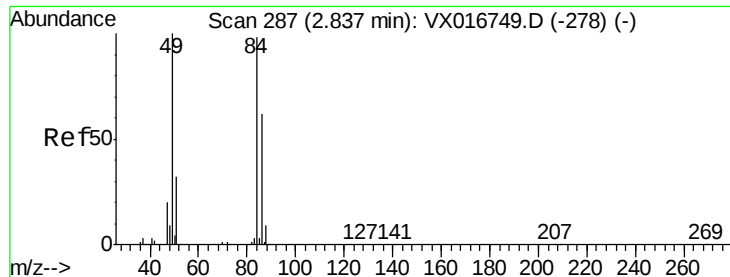
57 20.4 16.2 24.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

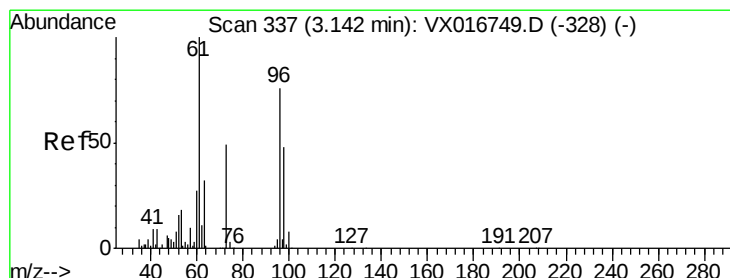
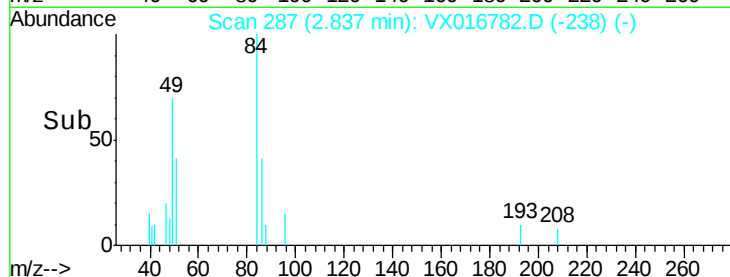
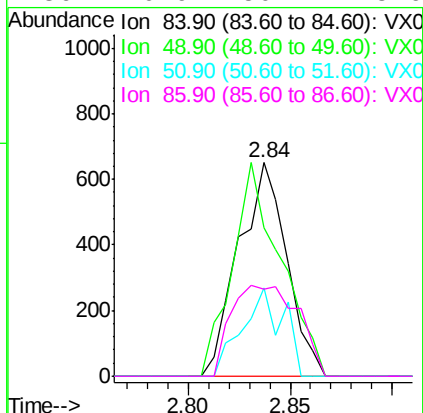
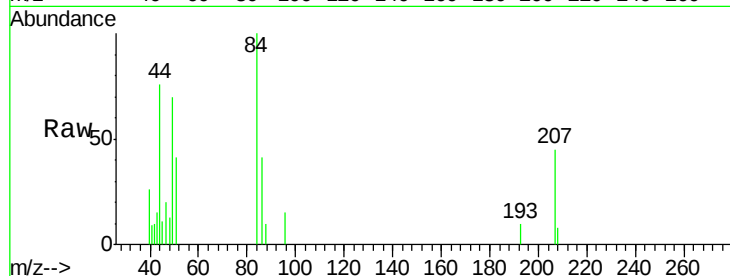




#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016782.D
Acq: 16 Jun 2020 16:15

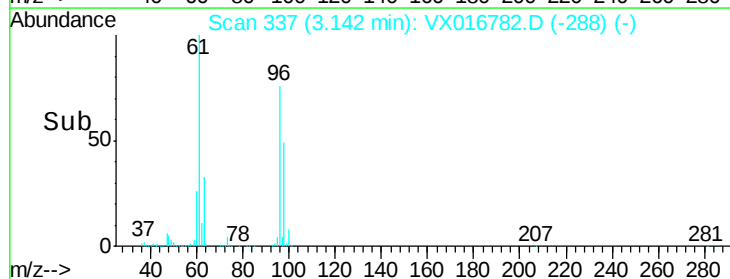
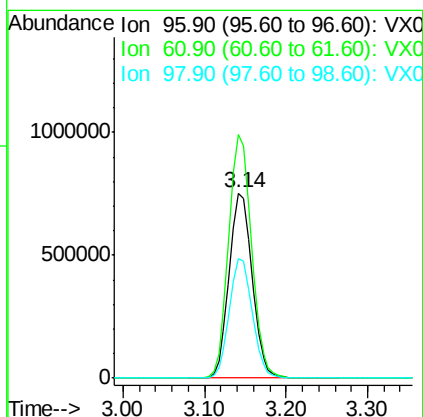
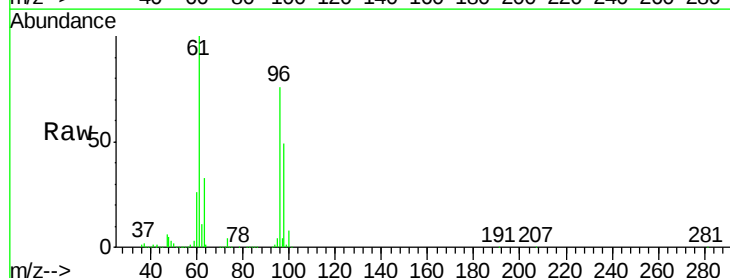
Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610

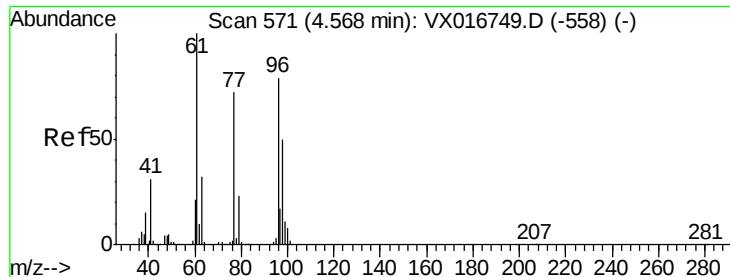
Tot Ion	Ratio	Lower	Upper
84	100		
49	69.7	81.8	122.8#
51	41.3	25.8	38.8#
86	40.9	50.4	75.6#



#21
trans-1,2-Dichloroethene
Concen: 572.664 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016782.D
Acq: 16 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.4	105.4	158.2
98	64.2	50.8	76.2

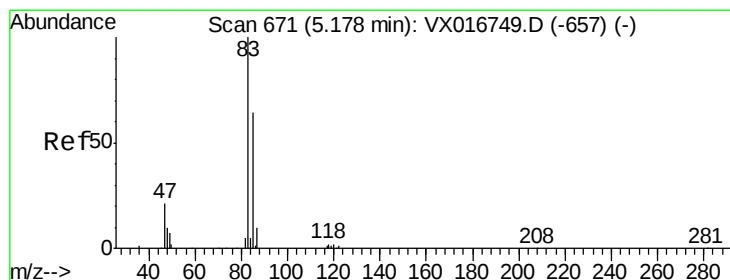
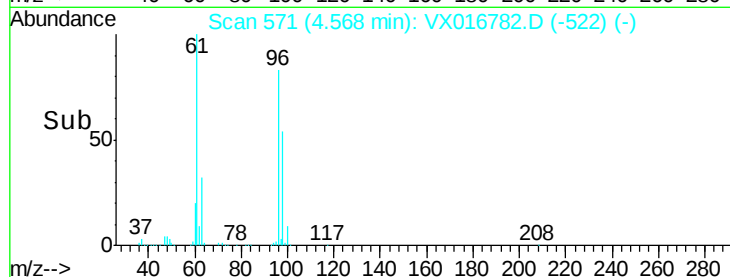
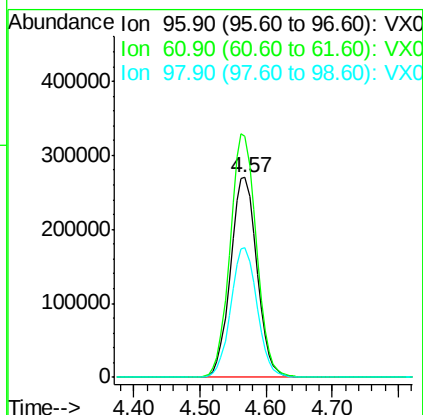
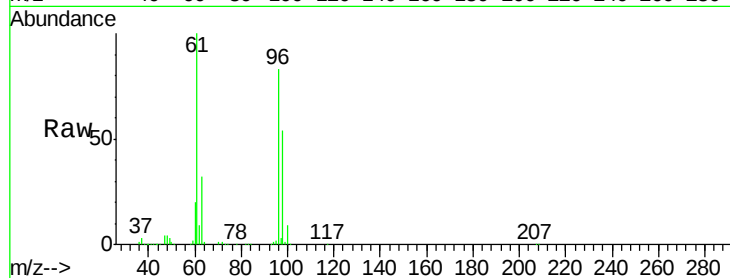




#27
 cis-1,2-Dichloroethene
 Concen: 257.082 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016782.D
 Acq: 16 Jun 2020 16:15

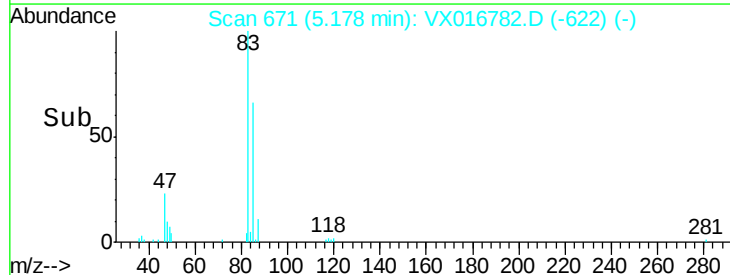
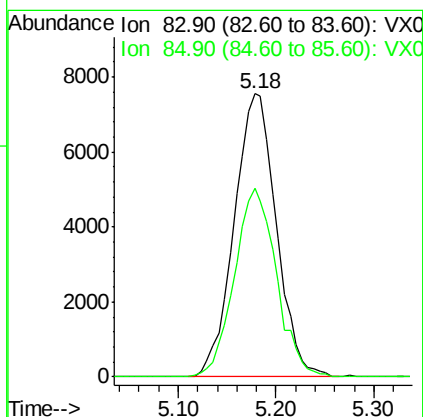
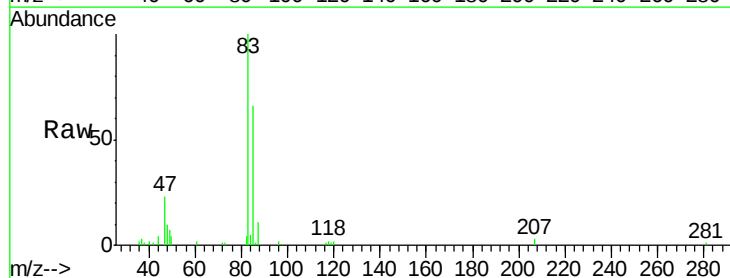
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610

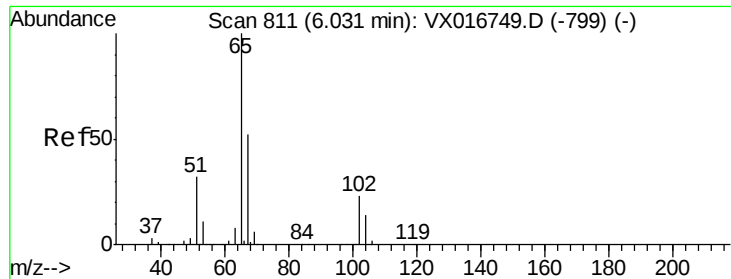
Tot Ion	Ratio	Lower	Upper
96	100		
61	121.0	0.0	276.2
98	64.5	0.0	130.0



#30
 Chloroform
 Concen: 4.872 ug/l
 RT: 5.18 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: VX016782.D
 Acq: 16 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.8	76.2





#33

1,2-Dichloroethane-d4

Concen: 52.116 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016782.D

Acq: 16 Jun 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

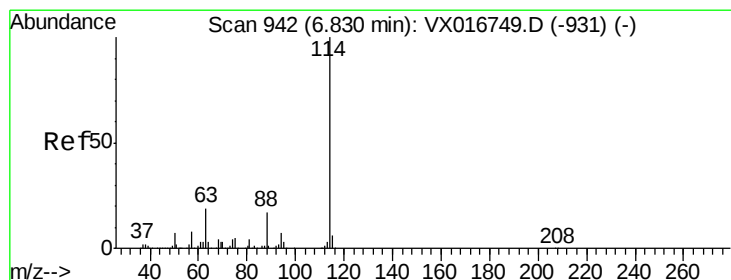
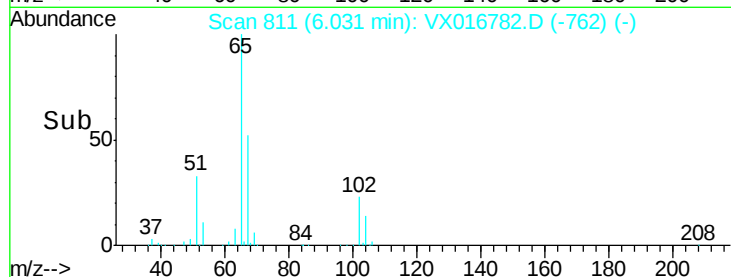
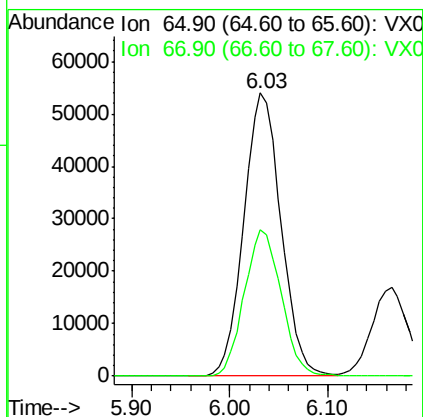
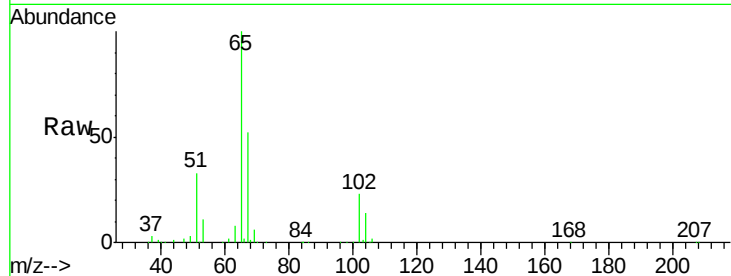
SS043MW014-200610

Tot Ion: 65 Resp: 142591

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016782.D

Acq: 16 Jun 2020 16:15

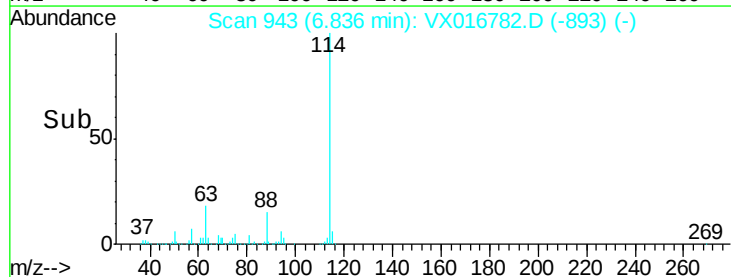
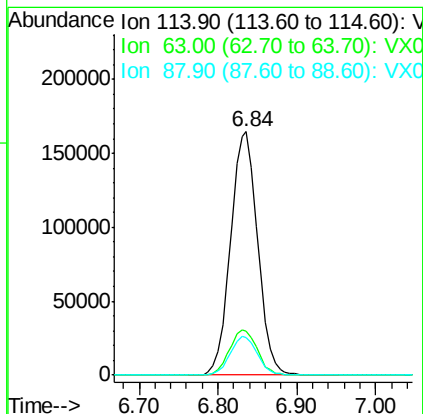
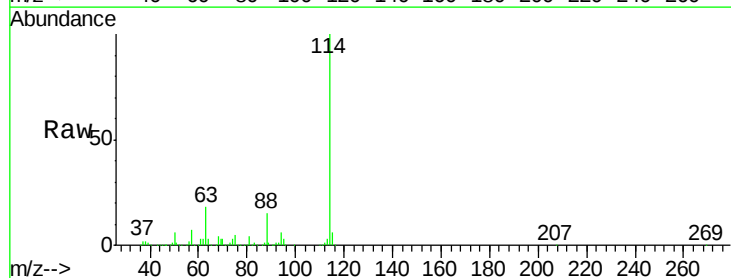
Tgt Ion: 114 Resp: 392827

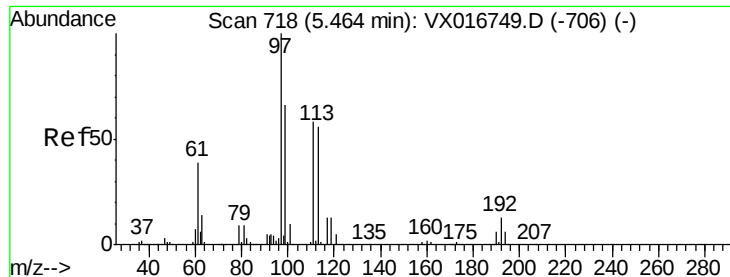
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.8

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.668 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016782.D

Acq: 16 Jun 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

SS043MW014-200610

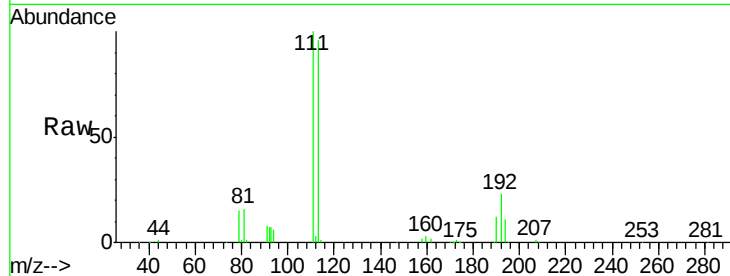
Tot Ion:113 Resp: 120380

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

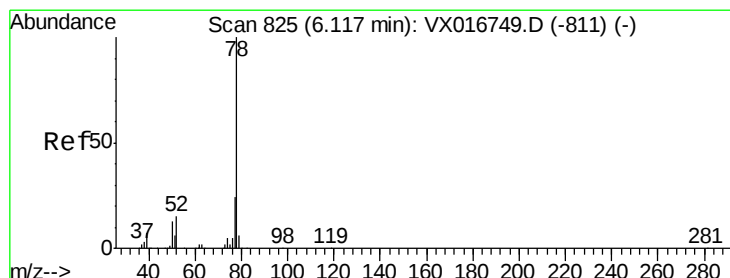
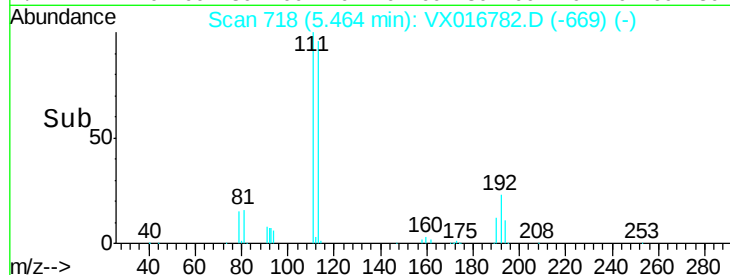
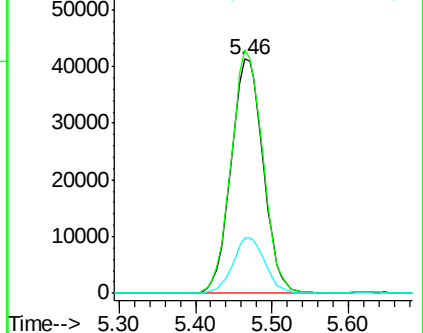
192 23.7 18.2 27.4



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



#40

Benzene

Concen: 0.895 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016782.D

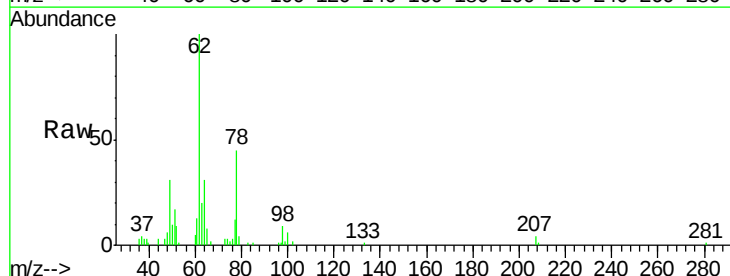
Acq: 16 Jun 2020 16:15

Tgt Ion: 78 Resp: 9461

Ion Ratio Lower Upper

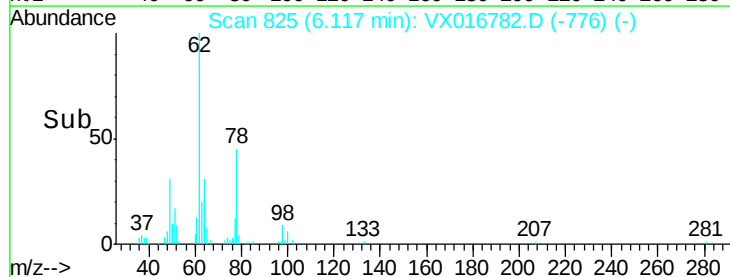
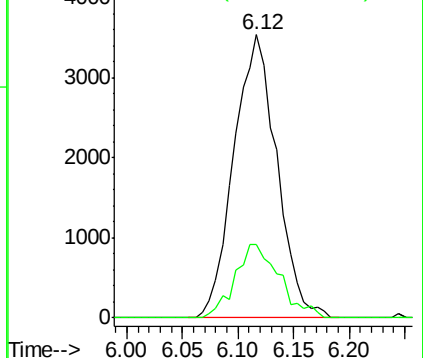
78 100

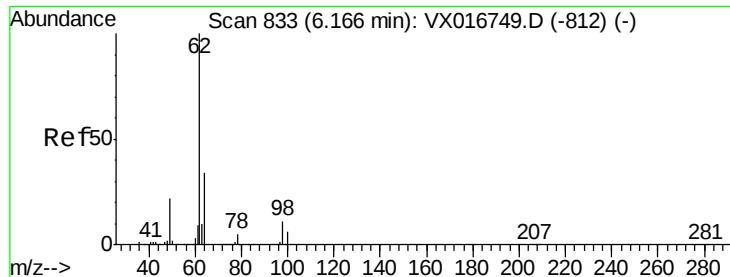
77 26.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 280.791 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016782.D

Acq: 16 Jun 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

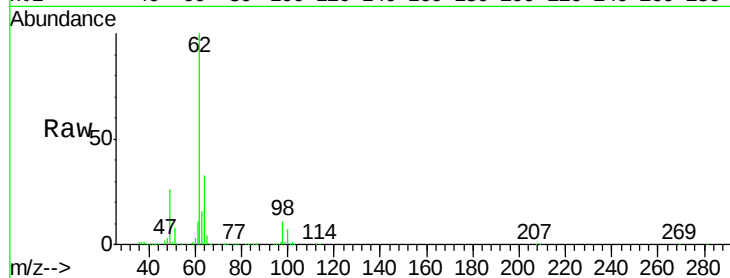
SS043MW014-200610

Tot Ion: 62 Resp: 1083213

Ion Ratio Lower Upper

62 100

98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.17

400000

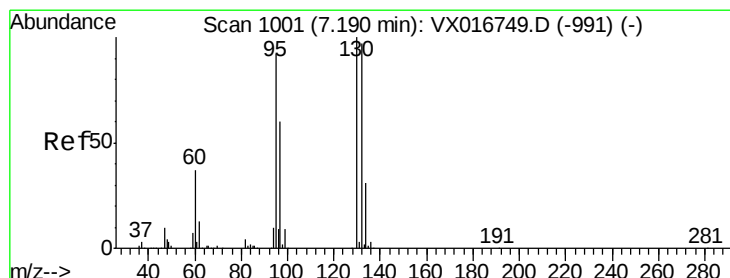
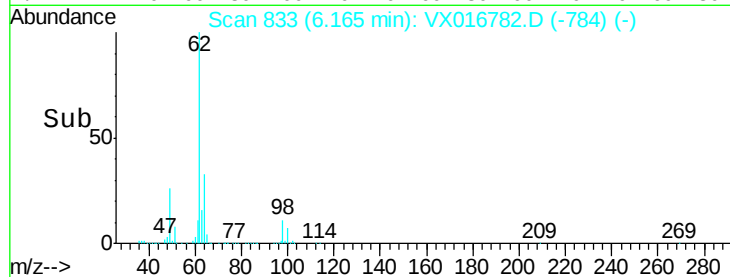
300000

200000

100000

0

Time-->



#44

Trichloroethene

Concen: 3407.869 ug/l

RT: 7.20 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VX016782.D

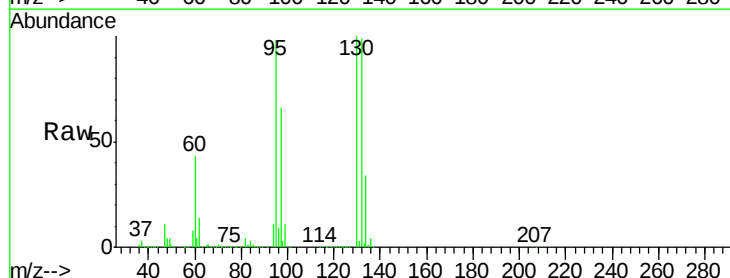
Acq: 16 Jun 2020 16:15

Tgt Ion:130 Resp:11141822

Ion Ratio Lower Upper

130 100

95 98.0 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

5000000

4000000

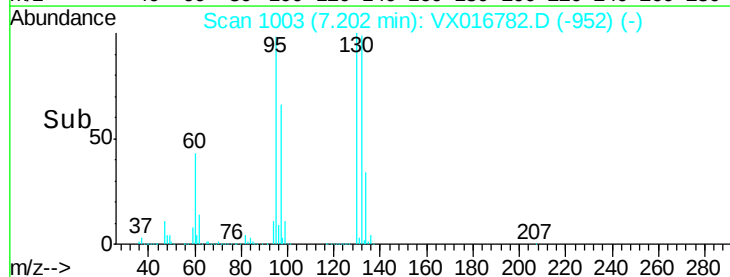
3000000

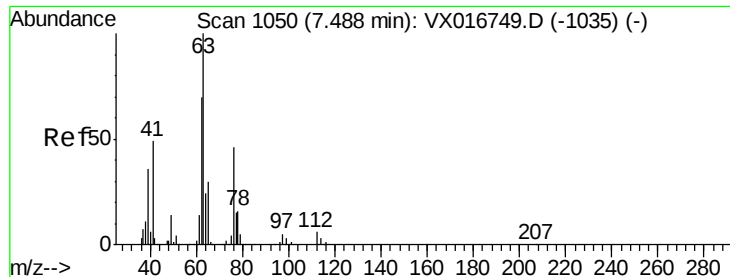
2000000

1000000

0

Time-->





#45

1,2-Dichloropropane

Concen: 3.602 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016782.D

Acq: 16 Jun 2020 16:15

Instrument :

MSVOA_X

ClientSampleId :

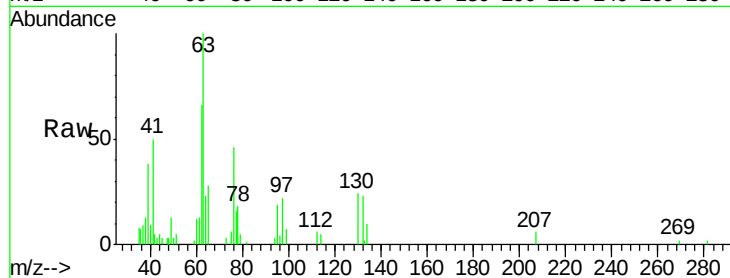
SS043MW014-200610

Tot Ion: 63 Resp: 9334

Ion Ratio Lower Upper

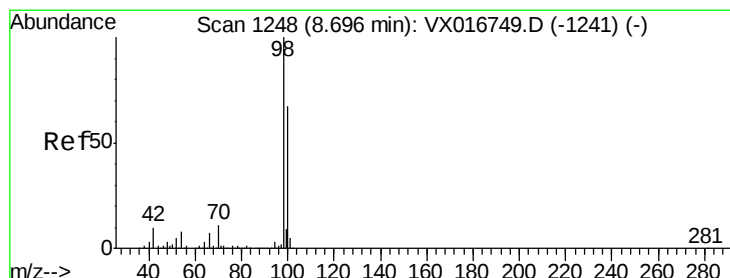
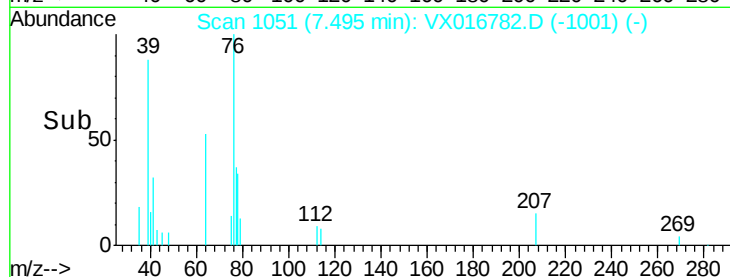
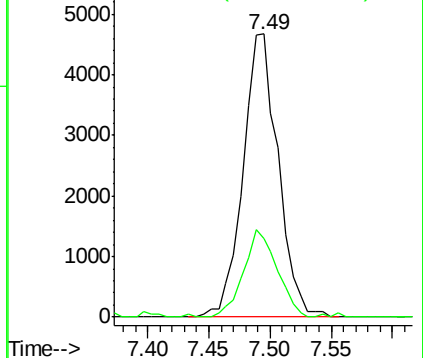
63 100

65 26.4 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#50

Toluene-d8

Concen: 52.582 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016782.D

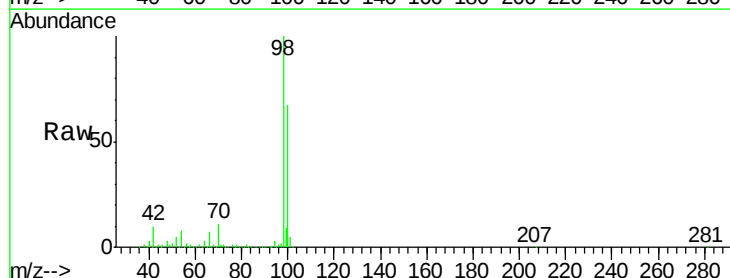
Acq: 16 Jun 2020 16:15

Tgt Ion: 98 Resp: 469908

Ion Ratio Lower Upper

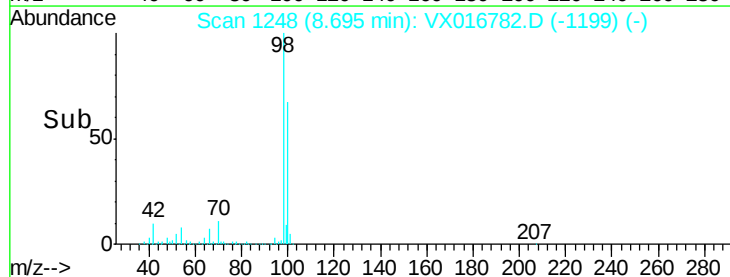
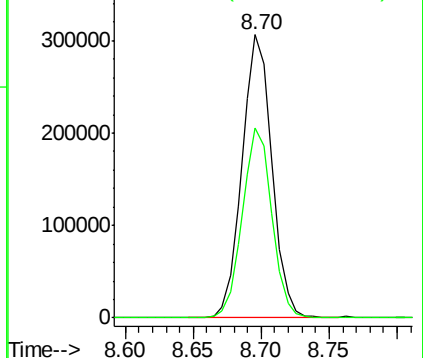
98 100

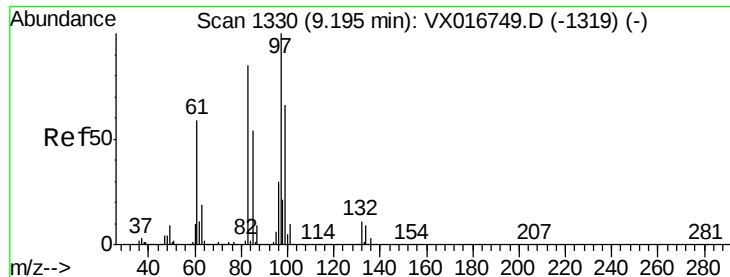
100 66.3 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

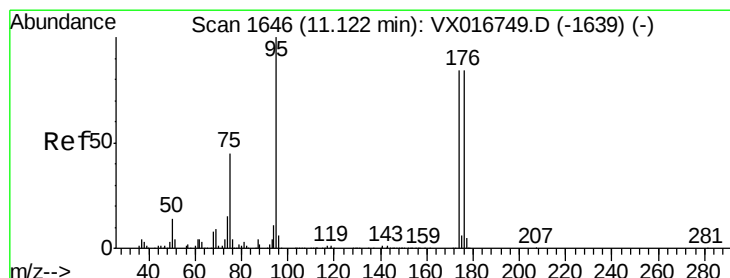
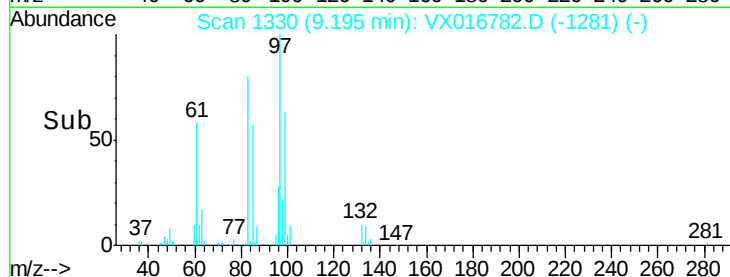
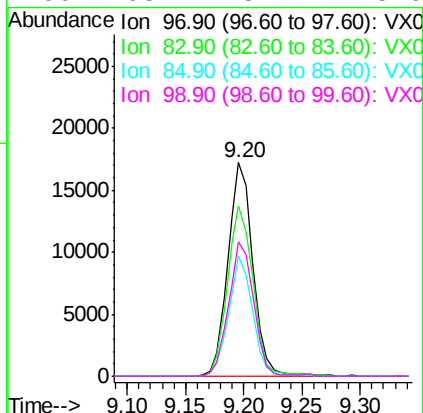
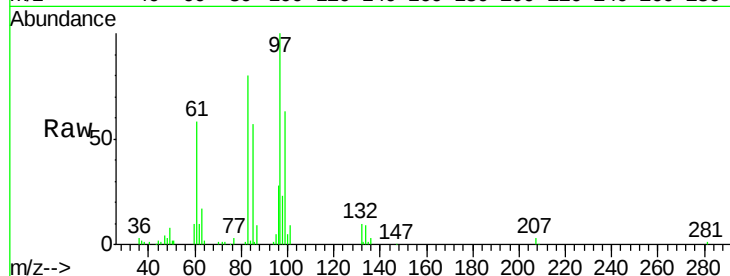




#55
 1,1,2-Trichloroethane
 Concen: 9.308 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016782.D
 Acq: 16 Jun 2020 16:15

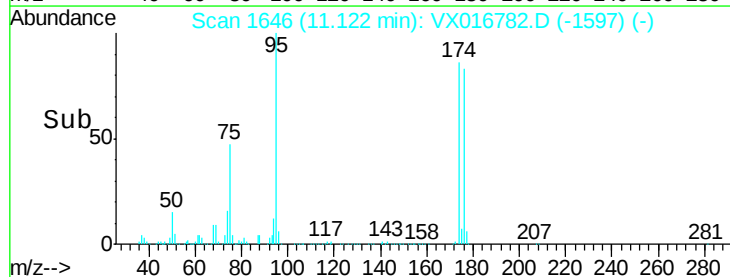
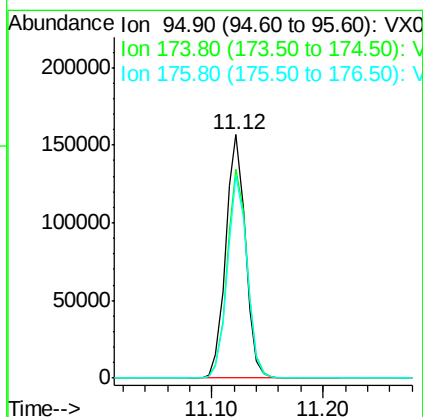
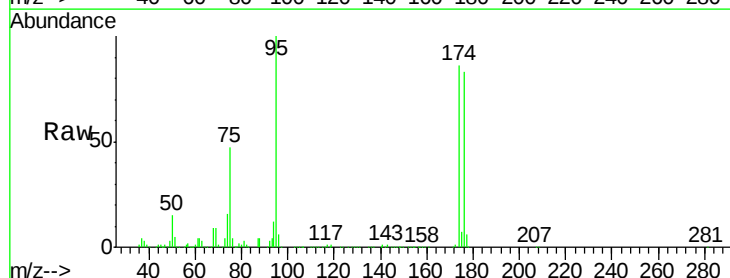
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610

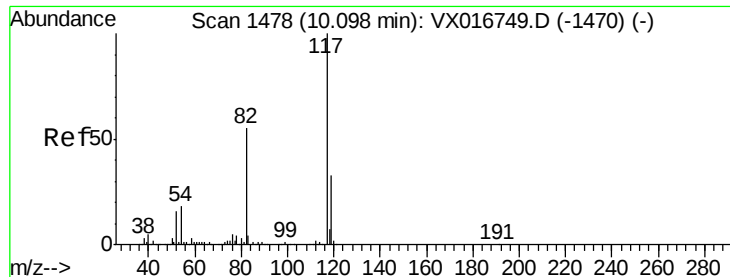
Tot Ion:	97	Resp:	25699
Ion	Ratio	Lower	Upper
97	100		
83	79.5	68.3	102.5
85	56.6	43.5	65.3
99	63.1	52.4	78.6



#62
 4-Bromofluorobenzene
 Concen: 55.919 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016782.D
 Acq: 16 Jun 2020 16:15

Tgt Ion:	95	Resp:	191147
Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	171.0
176	83.2	0.0	166.2

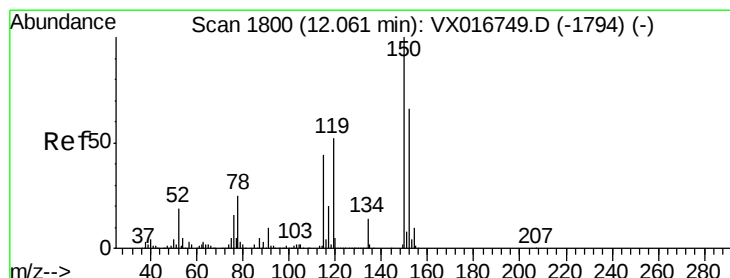
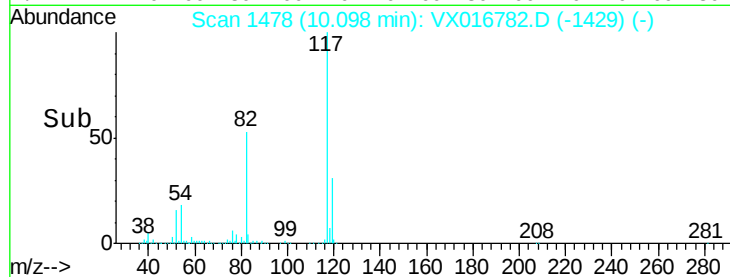
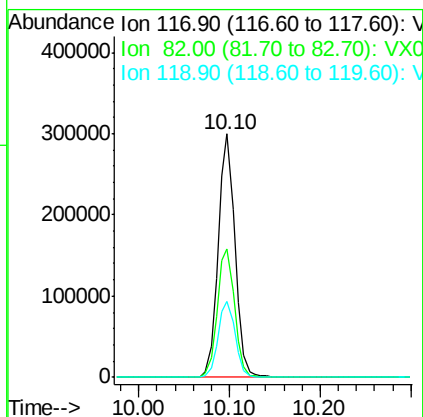
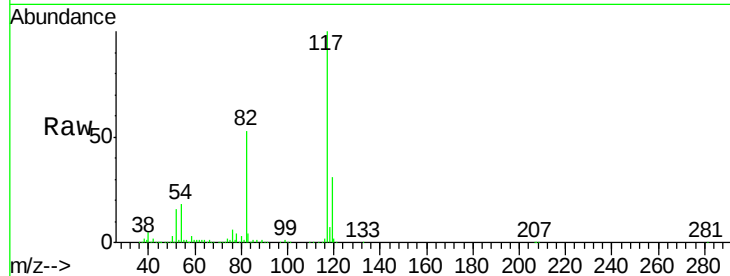




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016782.D
Acq: 16 Jun 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
SS043MW014-200610

Tot Ion:117 Resp: 388660
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.6
119 31.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016782.D
Acq: 16 Jun 2020 16:15

Tgt Ion:152 Resp: 202201
Ion Ratio Lower Upper
152 100
115 57.7 40.3 120.8
150 157.8 0.0 337.4

