

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
 Data File : VX016669.D
 Acq On : 10 Jun 2020 13:08
 Operator : JC/SP
 Sample : L2963-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB5-200608

Quant Time: Jun 11 03:00:08 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	222572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350920	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181966	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	131138	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	5.46	113	104090	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	8.70	98	432568	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.12	95	174660	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	

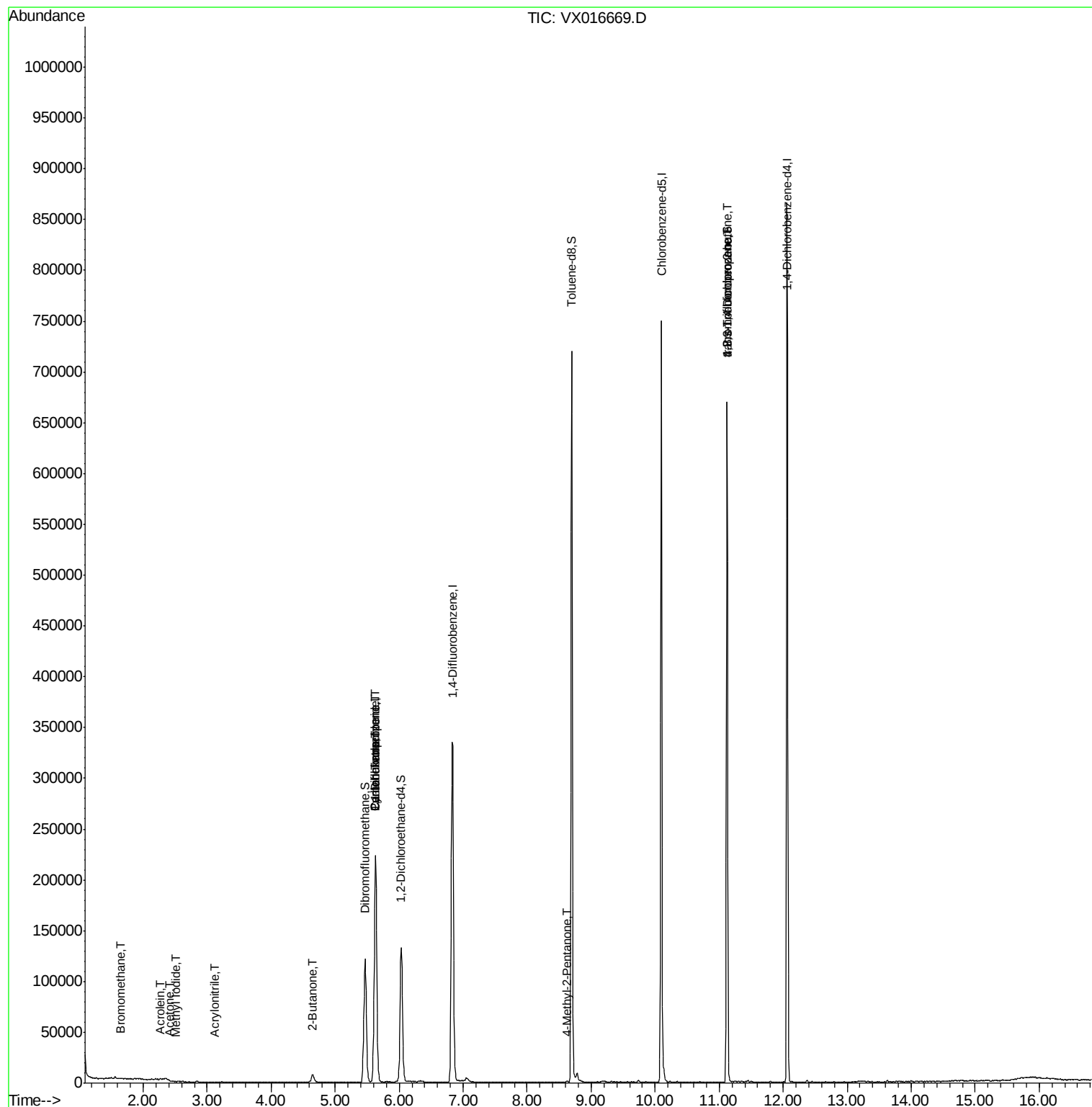
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	388	0.29	ug/l #	57
10) Methyl Iodide	2.51	142	224	3.14	ug/l #	40
13) Acrolein	2.27	56	317	1.05	ug/l #	42
15) Acrylonitrile	3.11	53	326	0.22	ug/l #	79
16) Acetone	2.42	43	571	0.47	ug/l #	74
25) 2-Butanone	4.65	43	458	0.22	ug/l #	49
31) Cyclohexane	5.63	56	3809	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15161	4.56	ug/l #	51
38) Carbon Tetrachloride	5.63	117	20591	5.90	ug/l #	17
51) 4-Methyl-2-Pentanone	8.62	43	807	0.21	ug/l #	79
76) 1,2,3-Trichloropropane	11.12	75	85566	21.39	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	85566	52.62	ug/l #	14

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

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ClientSampled :
Z1-TB5-200608

Quant Time: Jun 11 03:00:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

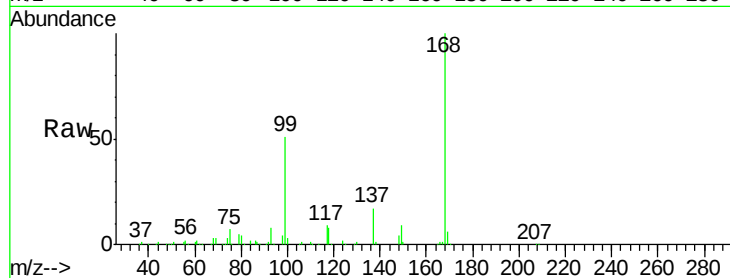
Z1-TB5-200608

Tgt Ion:168 Resp: 222572

Ion Ratio Lower Upper

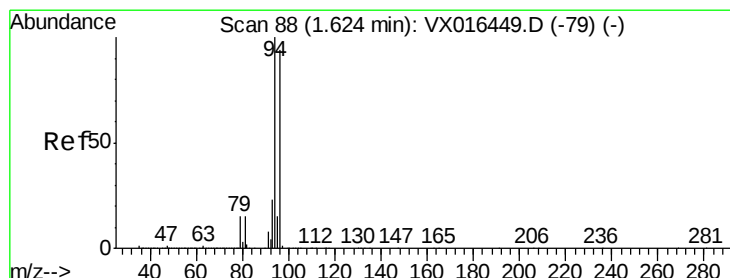
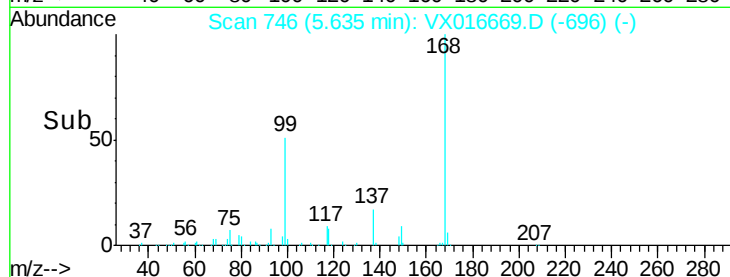
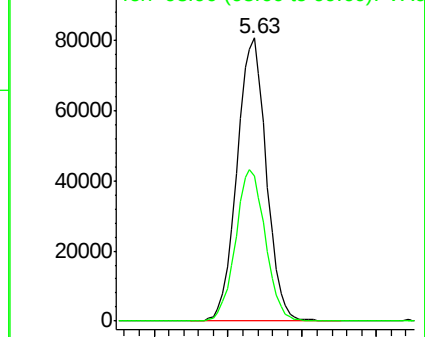
168 100

99 51.2 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.29 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016669.D

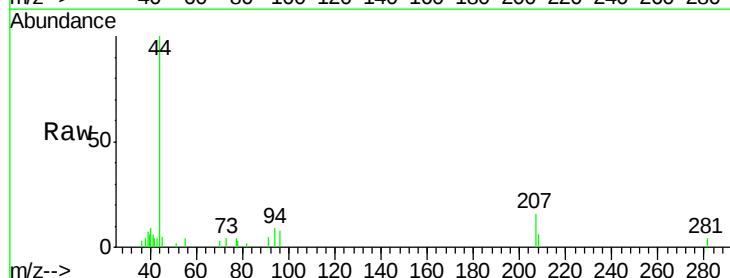
Acq: 10 Jun 2020 13:08

Tgt Ion: 94 Resp: 388

Ion Ratio Lower Upper

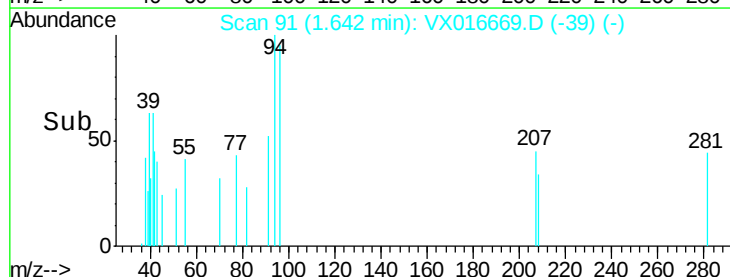
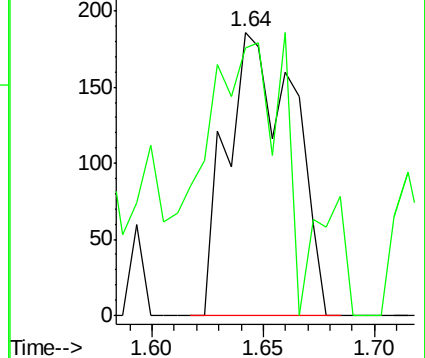
94 100

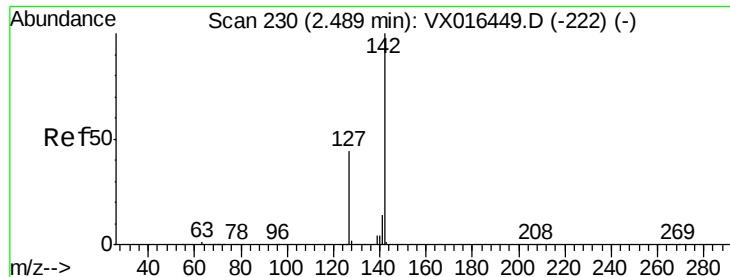
96 52.7 75.1 112.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

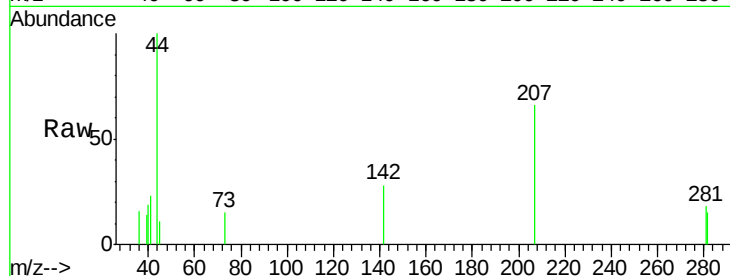




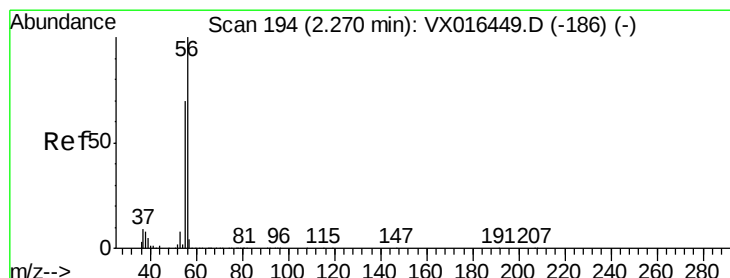
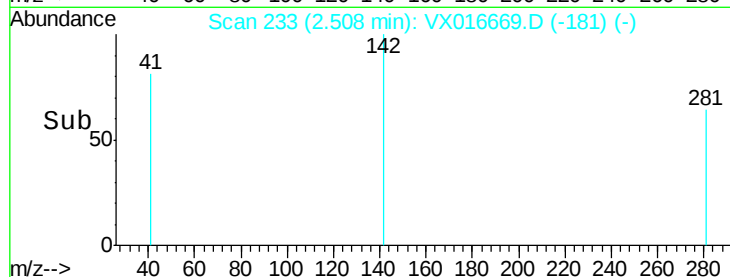
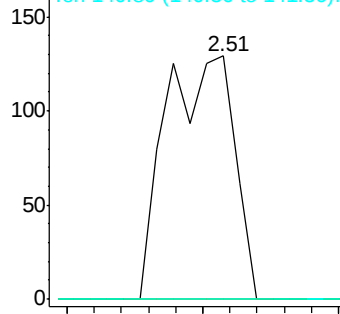
#10
Methyl Iodide
Concen: 3.14 ug/l
RT: 2.51 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX016669.D
Acq: 10 Jun 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB5-200608

Tgt Ion: 142 Resp: 224
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.4 17.2#

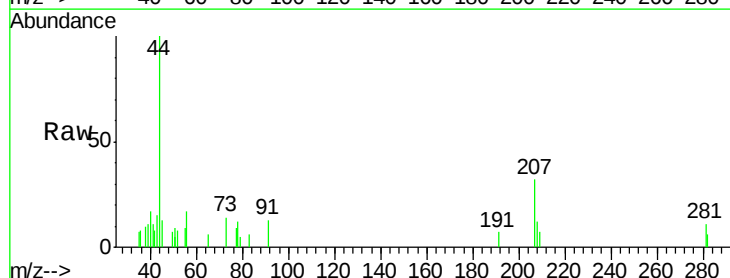


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

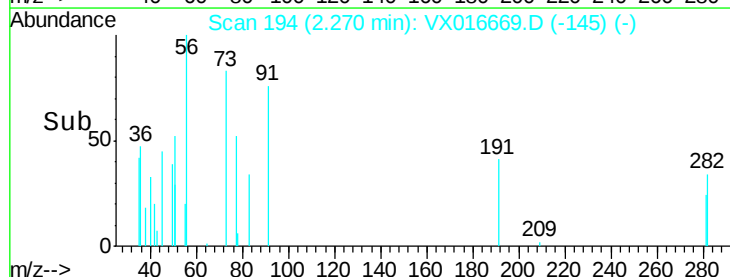
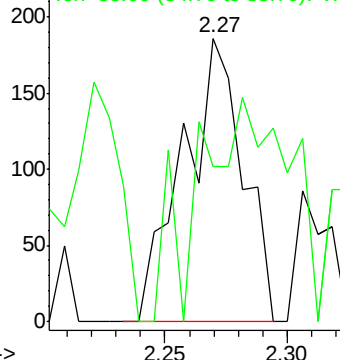


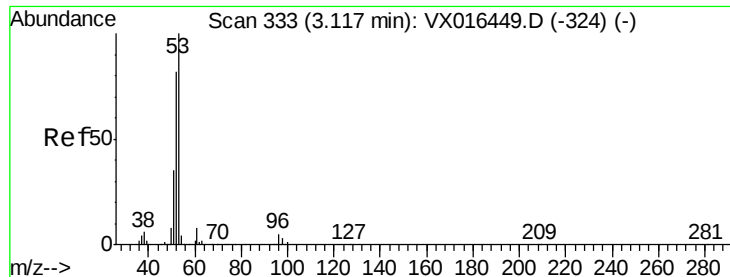
#13
Acrolein
Concen: 1.05 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016669.D
Acq: 10 Jun 2020 13:08

Tgt Ion: 56 Resp: 317
Ion Ratio Lower Upper
56 100
55 121.5 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.22 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB5-200608

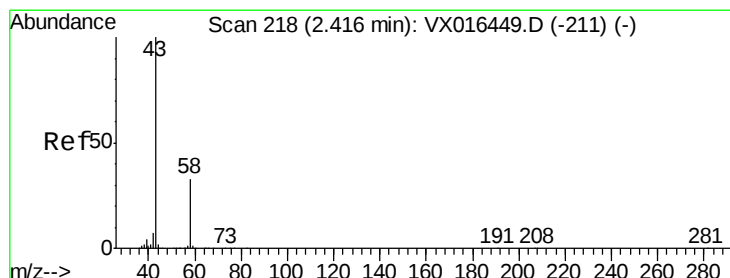
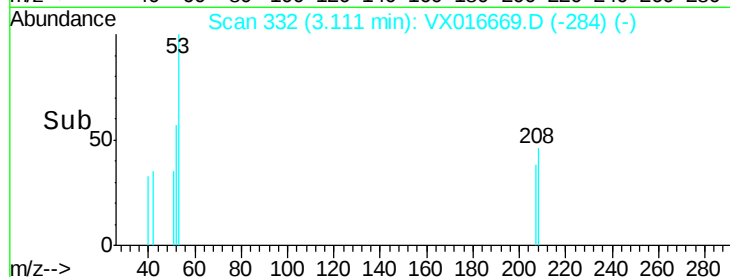
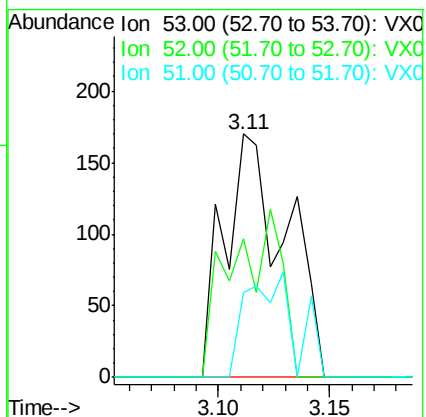
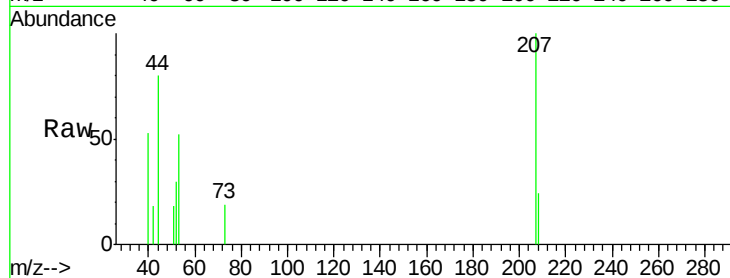
Tgt Ion: 53 Resp: 326

Ion Ratio Lower Upper

53 100

52 57.1 66.7 100.1#

51 34.4 28.6 43.0



#16

Acetone

Concen: 0.47 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016669.D

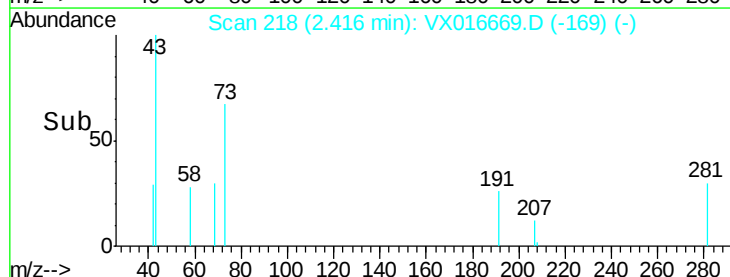
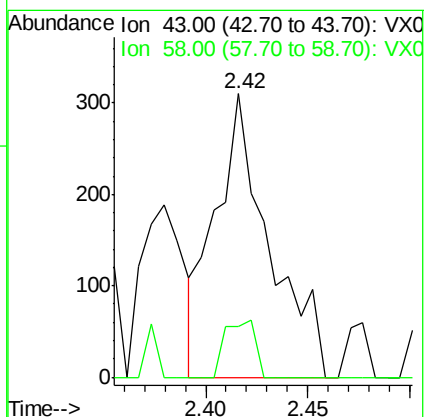
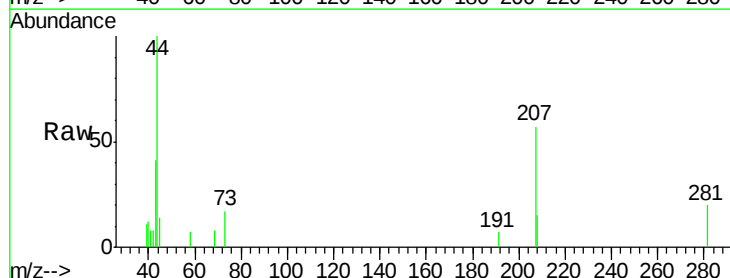
Acq: 10 Jun 2020 13:08

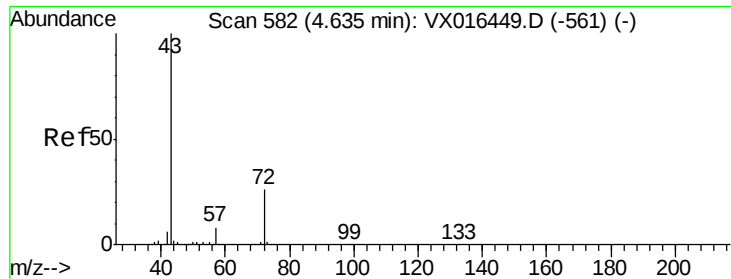
Tgt Ion: 43 Resp: 571

Ion Ratio Lower Upper

43 100

58 17.7 26.1 39.1#





#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

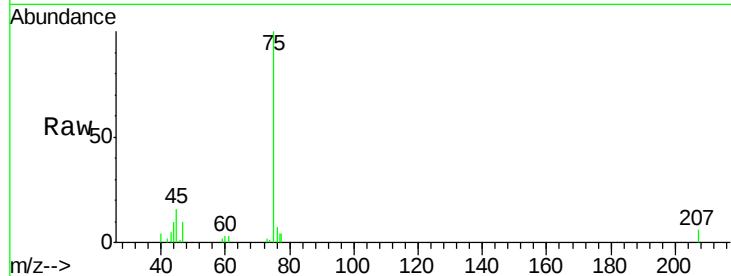
Z1-TB5-200608

Tgt Ion: 43 Resp: 458

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

250

200

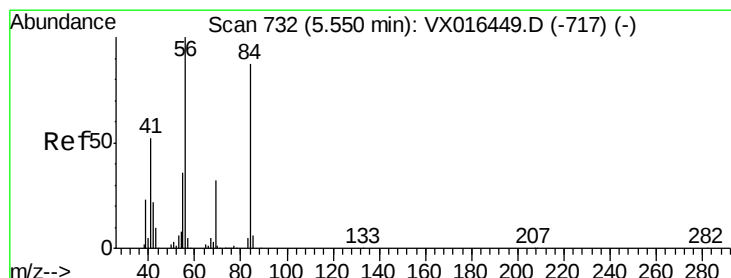
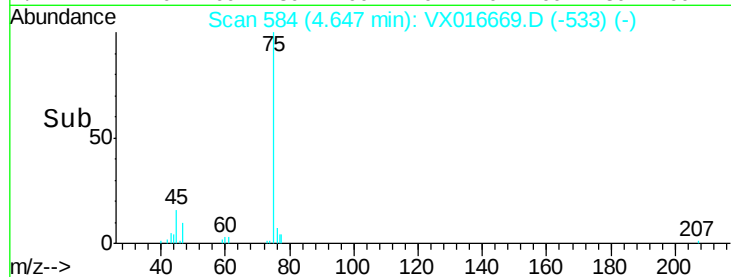
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 0.99 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.09 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

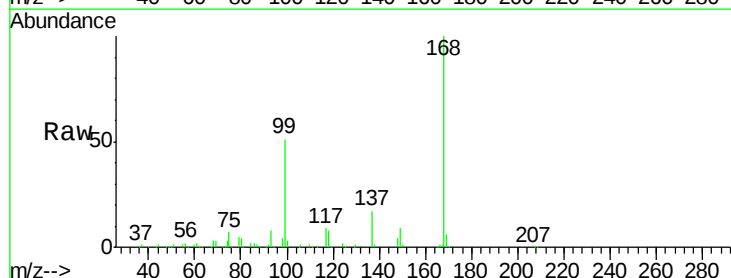
Tgt Ion: 56 Resp: 3809

Ion Ratio Lower Upper

56 100

69 188.6 25.7 38.5#

84 123.7 70.0 105.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

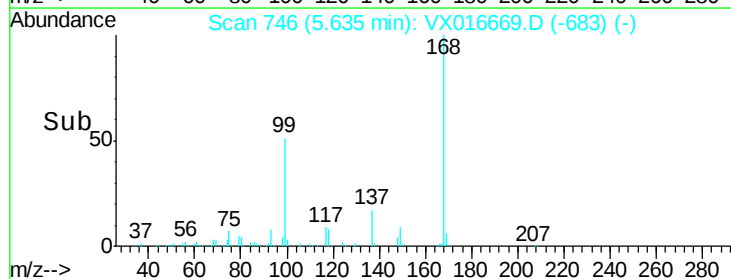
3000

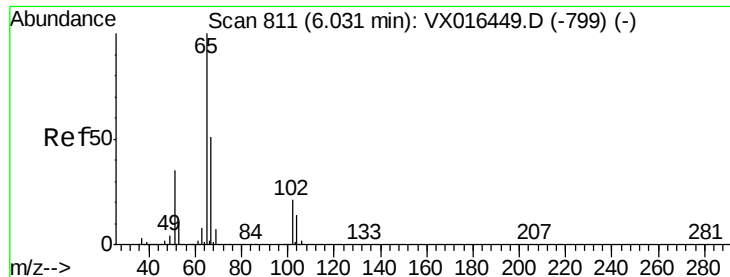
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.44 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

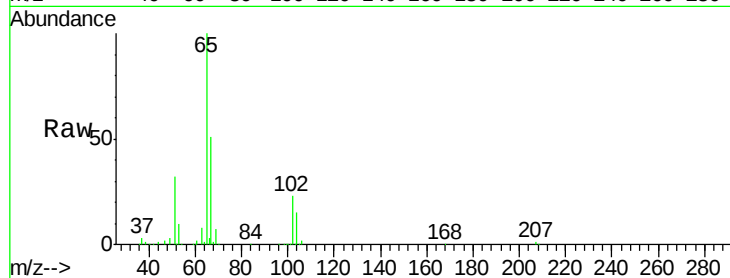
Z1-TB5-200608

Tgt Ion: 65 Resp: 131138

Ion Ratio Lower Upper

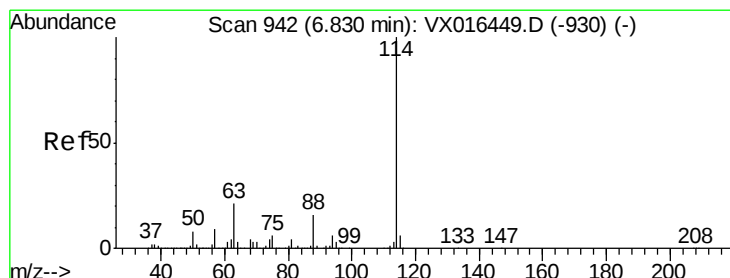
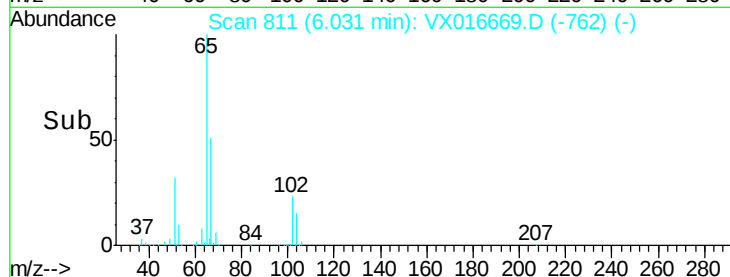
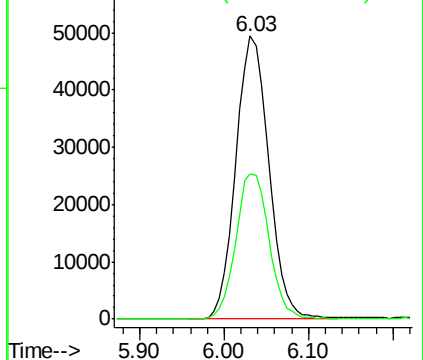
65 100

67 51.7 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: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

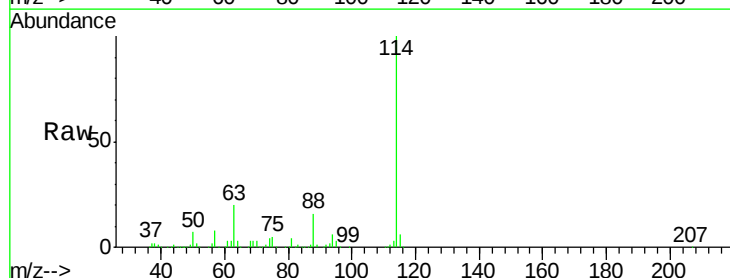
Tgt Ion: 114 Resp: 350920

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

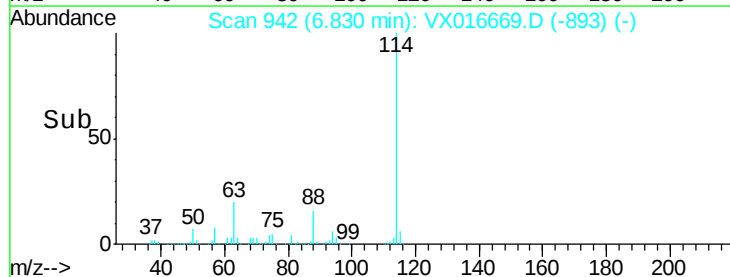
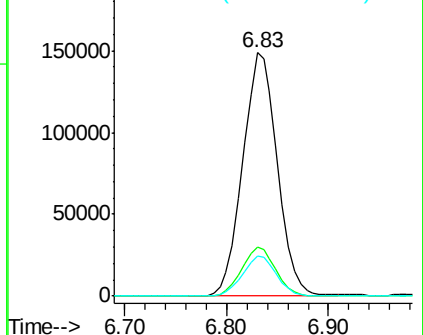
88 16.5 0.0 32.8

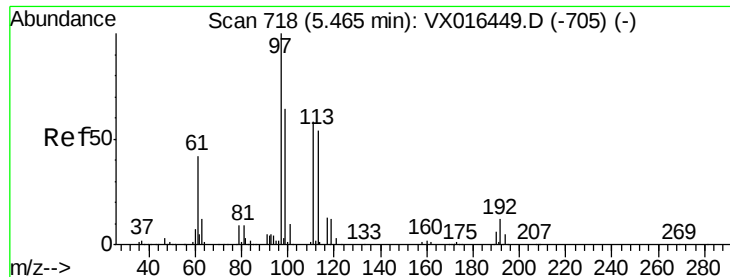


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

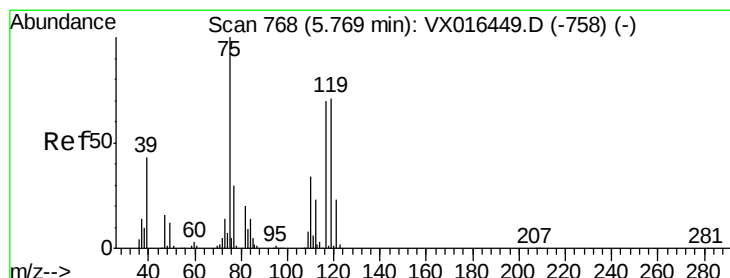
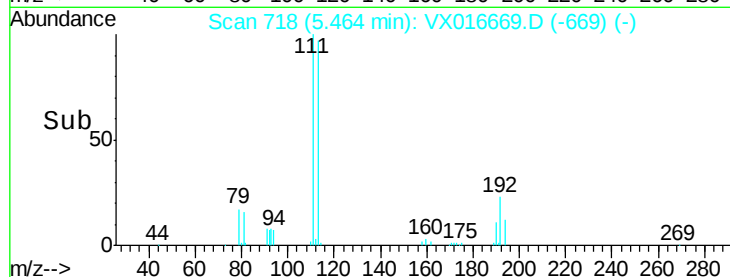
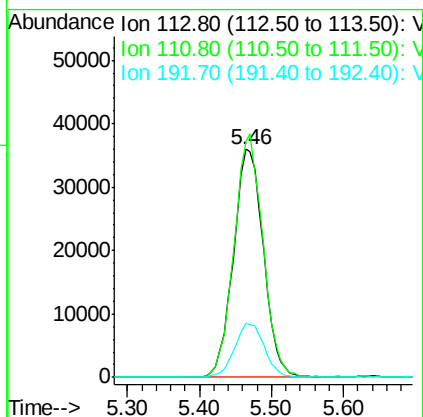
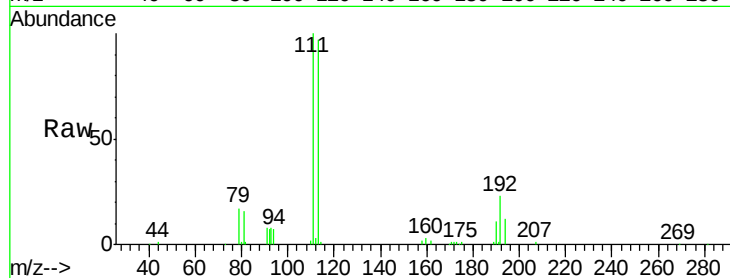




#35
 Dibromofluoromethane
 Concen: 48.17 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016669.D
 Acq: 10 Jun 2020 13:08

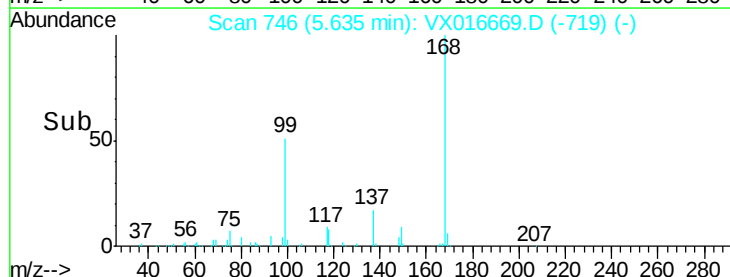
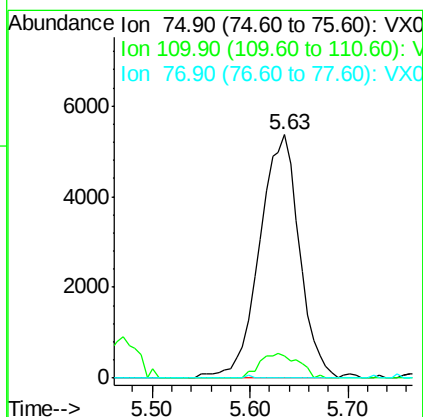
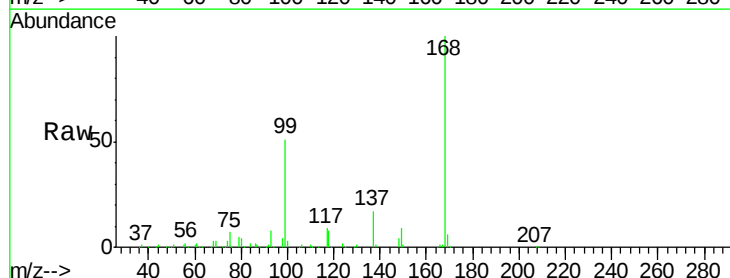
Instrument :
 MSVOA_X
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 Z1-TB5-200608

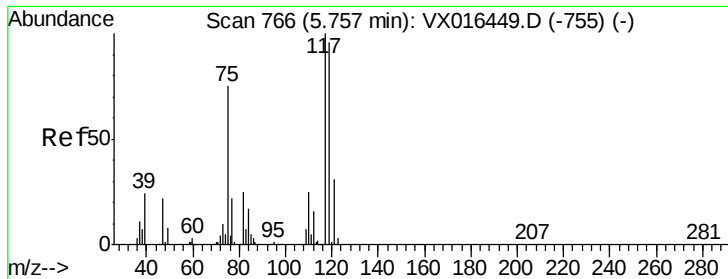
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.6
192	23.5	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 4.56 ug/l
 RT: 5.63 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016669.D
 Acq: 10 Jun 2020 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.4	52.3#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.90 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB5-200608

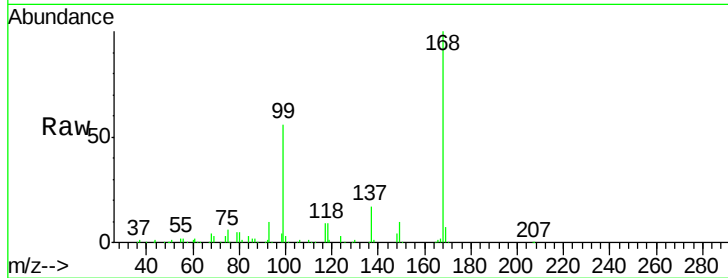
Tgt Ion:117 Resp: 20591

Ion Ratio Lower Upper

117 100

119 5.5 76.3 114.5#

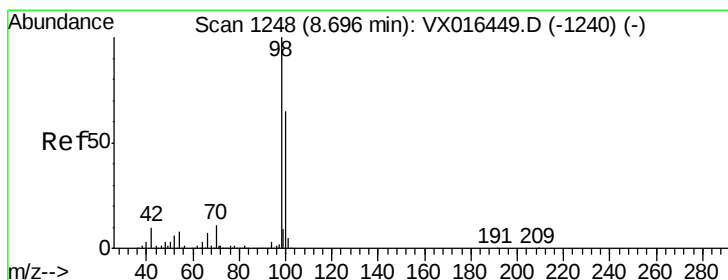
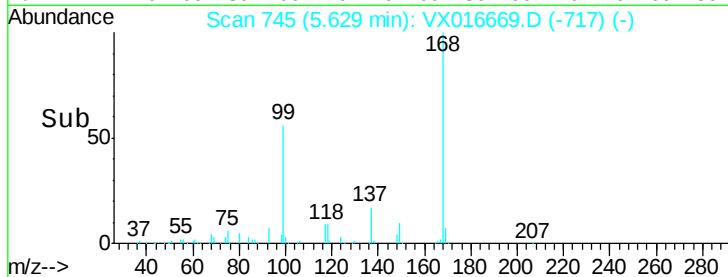
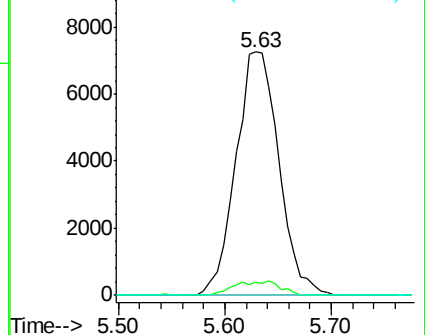
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.43 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016669.D

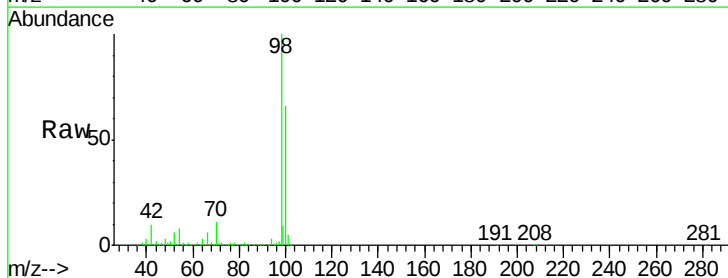
Acq: 10 Jun 2020 13:08

Tgt Ion: 98 Resp: 432568

Ion Ratio Lower Upper

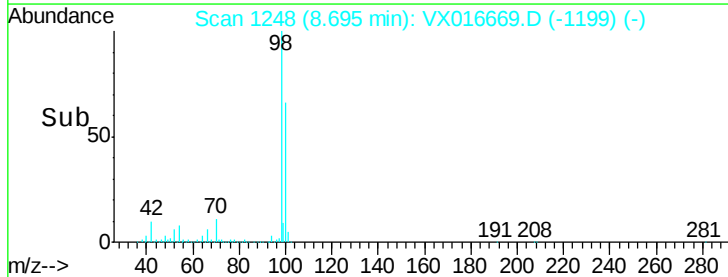
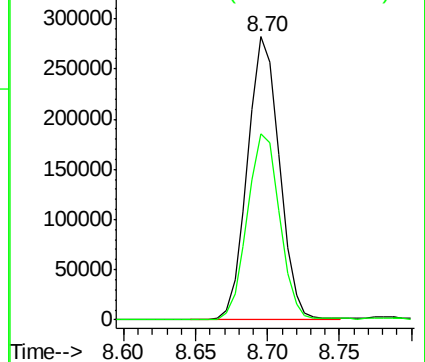
98 100

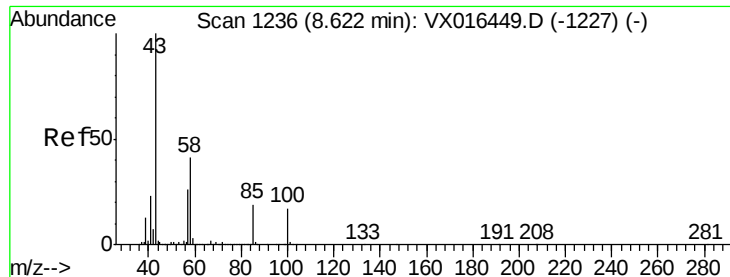
100 66.9 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

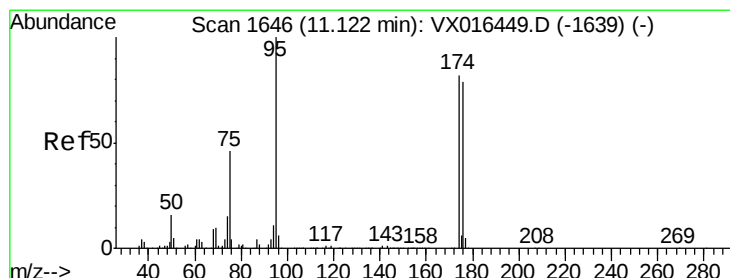
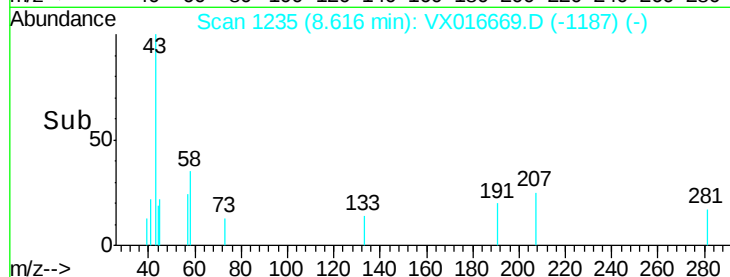
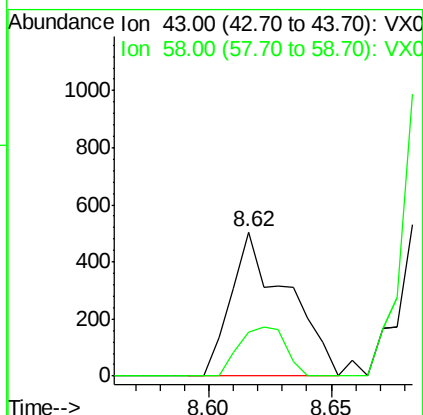
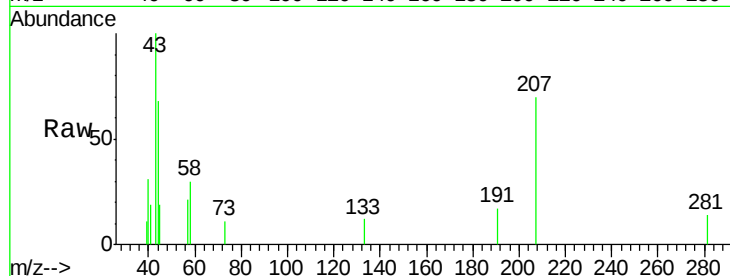




#51
 4-Methyl-2-Pentanone
 Concen: 0.21 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016669.D
 Acq: 10 Jun 2020 13:08

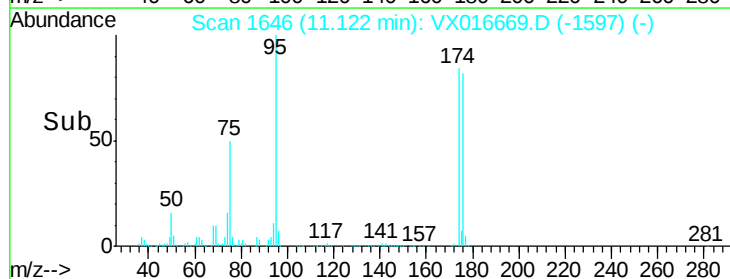
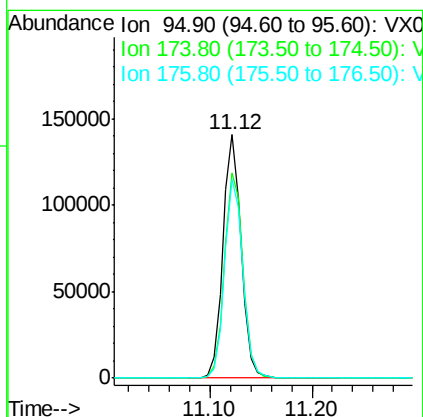
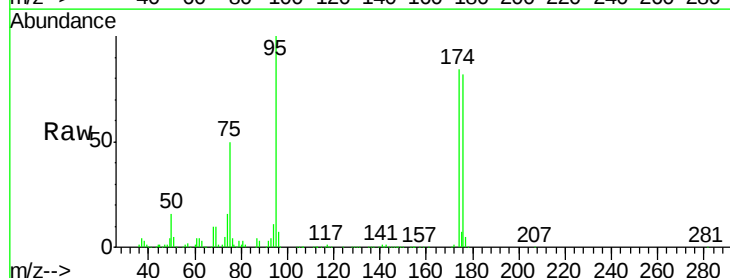
Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB5-200608

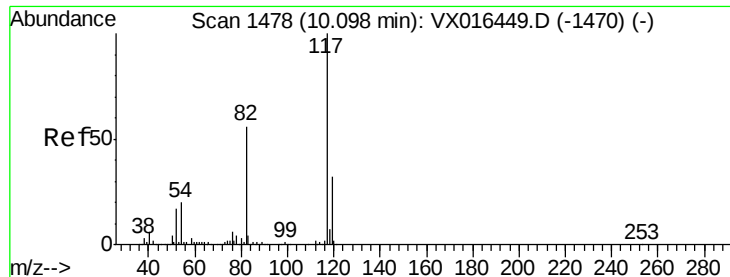
Tgt Ion: 43 Resp: 807
 Ion Ratio Lower Upper
 43 100
 58 28.0 33.0 49.6#



#62
 4-Bromofluorobenzene
 Concen: 53.75 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016669.D
 Acq: 10 Jun 2020 13:08

Tgt Ion: 95 Resp: 174660
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 163.0
 176 82.0 0.0 156.8

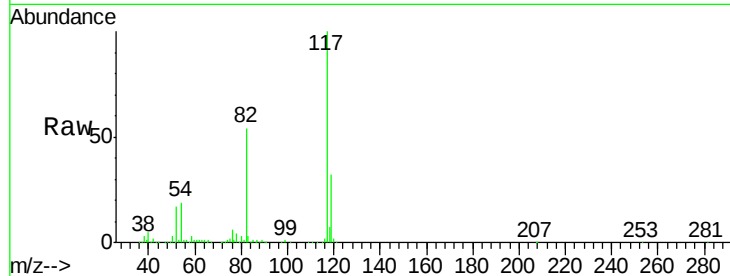




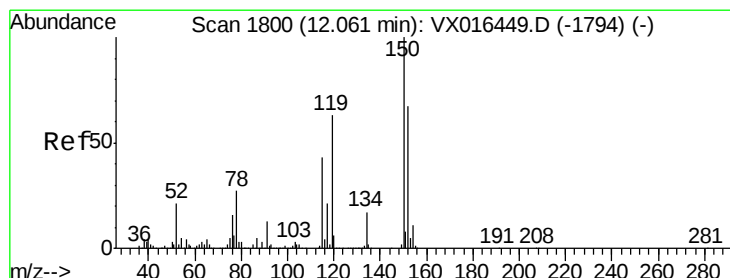
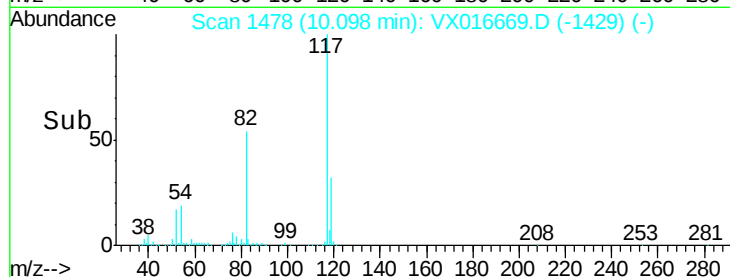
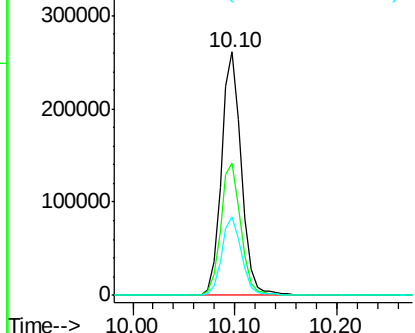
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016669.D
Acq: 10 Jun 2020 13:08

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB5-200608

Tgt Ion:117 Resp: 355744
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.6
119 32.5 25.8 38.8

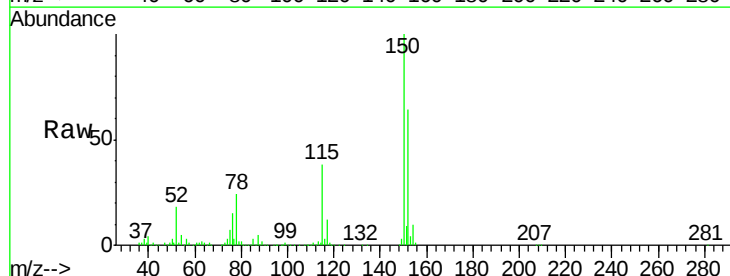


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

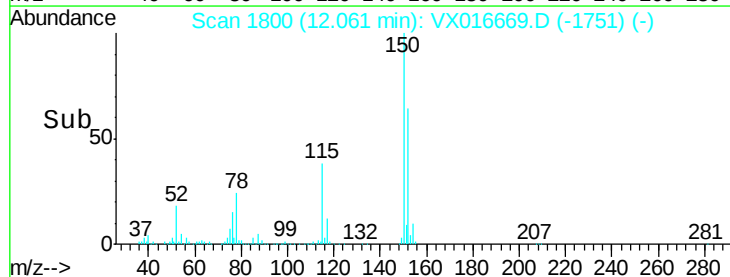
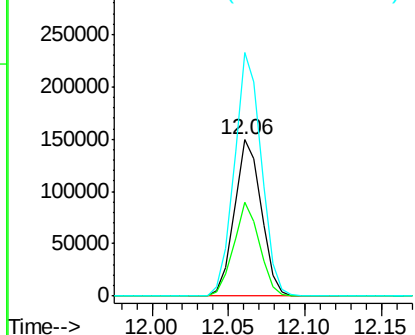


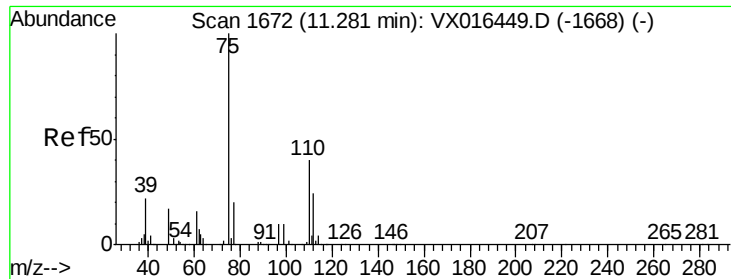
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016669.D
Acq: 10 Jun 2020 13:08

Tgt Ion:152 Resp: 181966
Ion Ratio Lower Upper
152 100
115 57.5 39.9 119.6
150 155.8 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





#76

1,2,3-Trichloropropane

Concen: 21.39 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

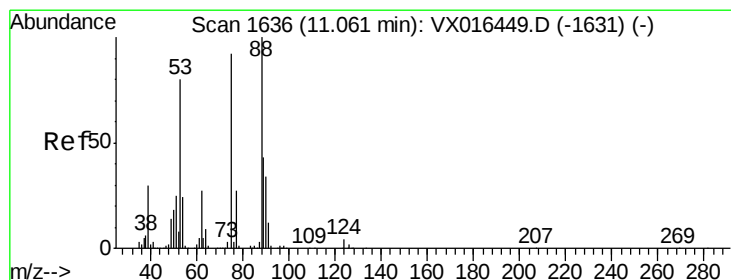
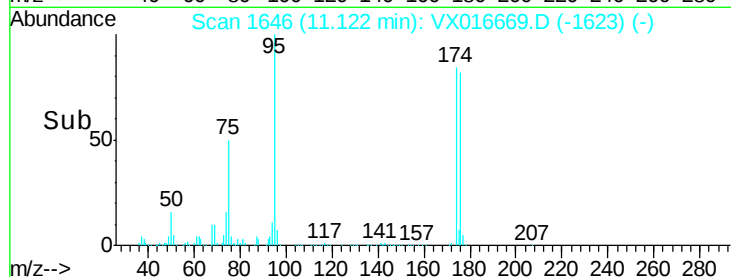
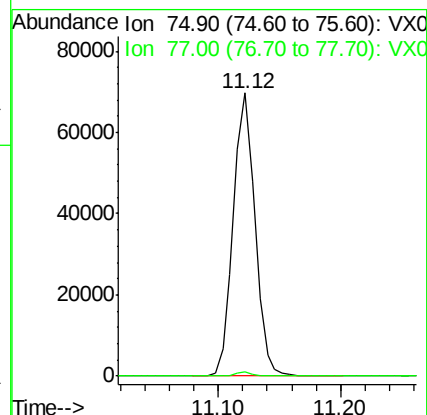
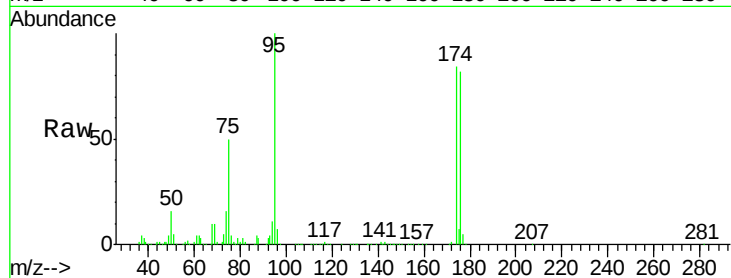
Z1-TB5-200608

Tgt Ion: 75 Resp: 85566

Ion Ratio Lower Upper

75 100

77 1.2 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.62 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016669.D

Acq: 10 Jun 2020 13:08

Tgt Ion: 75 Resp: 85566

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 36.6 55.0#

