

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010007.D
 Acq On : 01 Jun 2019 00:58
 Operator : JC/SP
 Sample : K3093-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13908

Quant Time: Jun 01 06:42:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

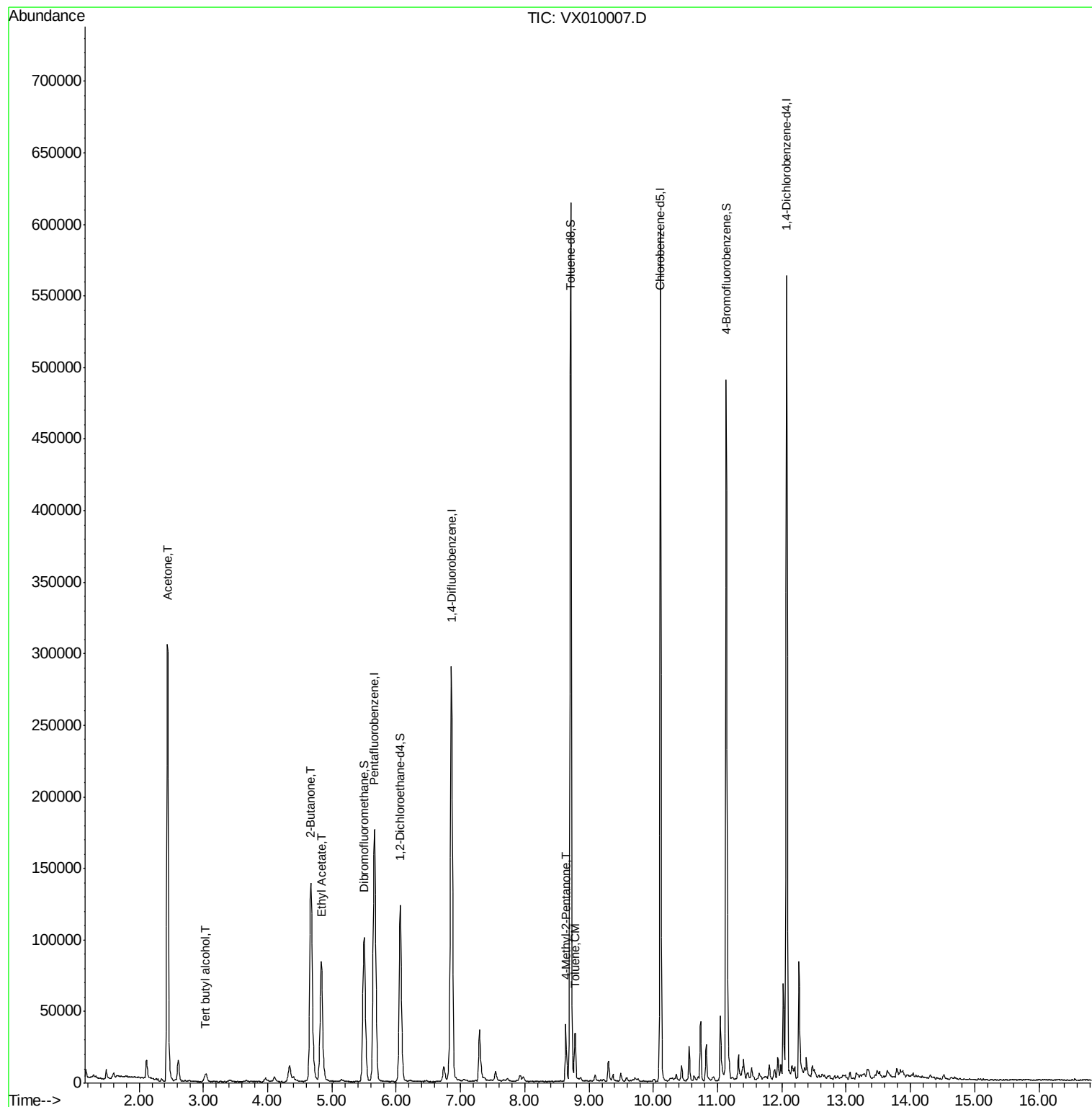
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116891	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
35) Dibromofluoromethane	5.50	113	86278	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	354946	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	126498	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	7193	11.761	ug/l #	86
16) Acetone	2.44	43	341742	238.006	ug/l	99
25) 2-Butanone	4.67	43	259408	115.960	ug/l	98
37) Ethyl Acetate	4.84	43	156577	39.427	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	25194	6.044	ug/l	100
52) Toluene	8.79	92	11643	2.268	ug/l	98

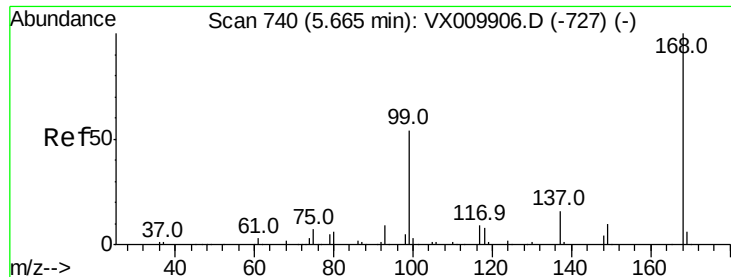
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX053119\
Data File : VX010007.D
Acq On : 01 Jun 2019 00:58
Operator : JC/SP
Sample : K3093-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
13908

Quant Time: Jun 01 06:42:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

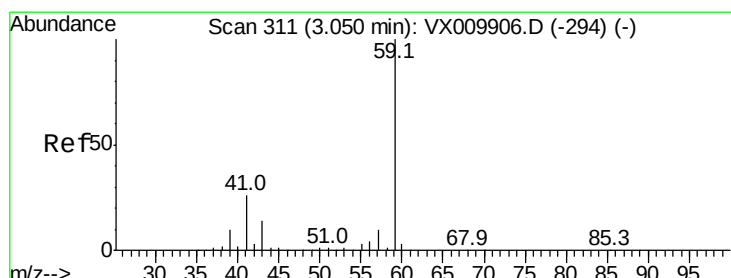
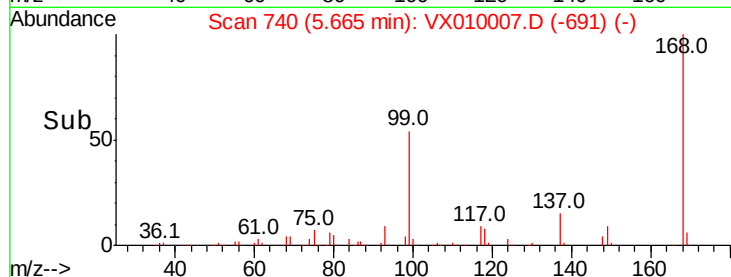
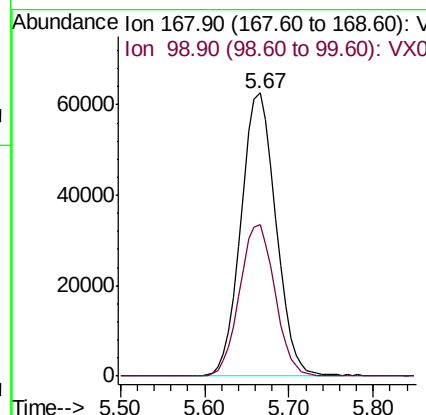
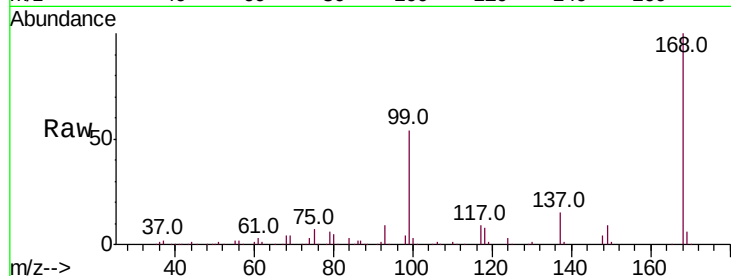




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010007.D
Acq: 01 Jun 2019 00:58

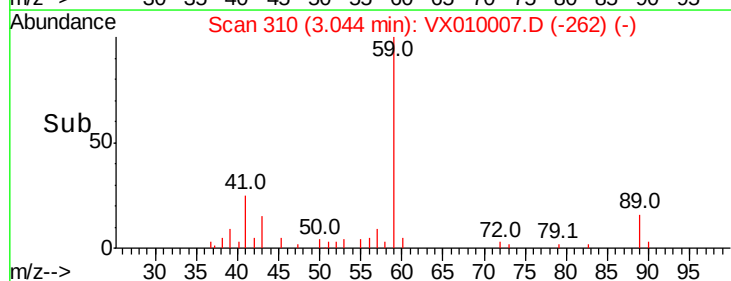
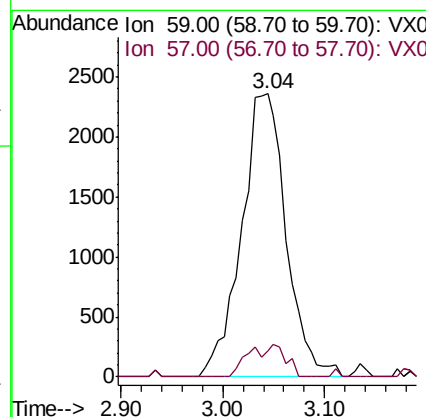
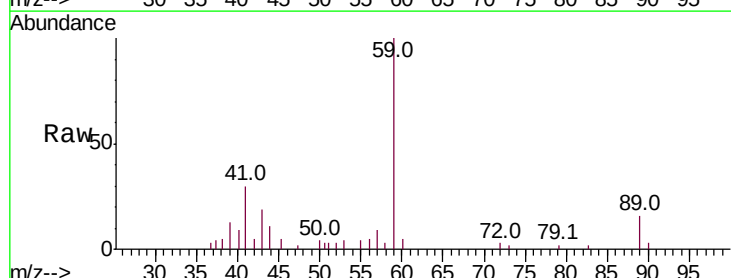
Instrument :
MSVOA_X
ClientSampleId :
13908

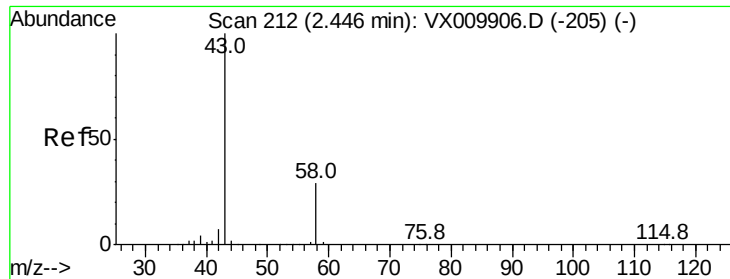
Tot Ion:168 Resp: 175928
Ion Ratio Lower Upper
168 100
99 53.7 43.0 64.6



#11
Tert butyl alcohol
Concen: 11.761 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010007.D
Acq: 01 Jun 2019 00:58

Tgt Ion: 59 Resp: 7193
Ion Ratio Lower Upper
59 100
57 5.1 8.2 12.2#





#16

Acetone

Concen: 238.006 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010007.D

Acq: 01 Jun 2019 00:58

Instrument :

MSVOA_X

ClientSampleId :

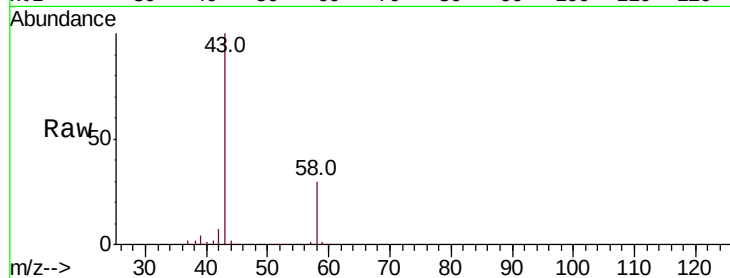
13908

Tot Ion: 43 Resp: 341742

Ion Ratio Lower Upper

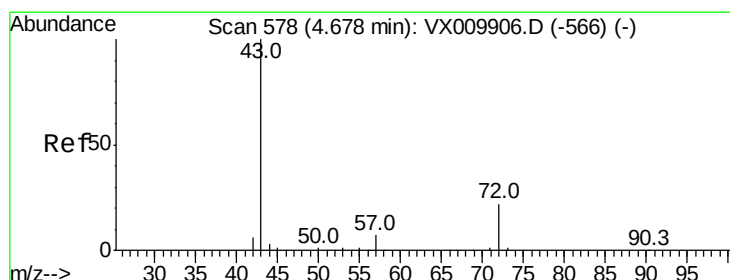
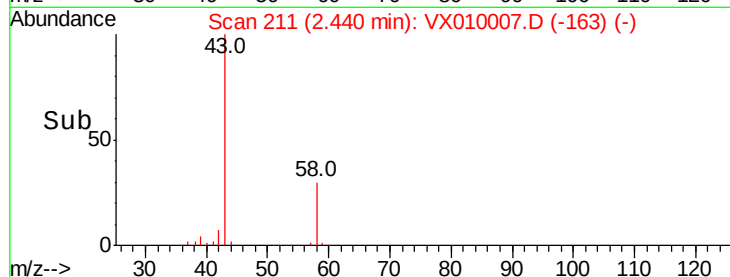
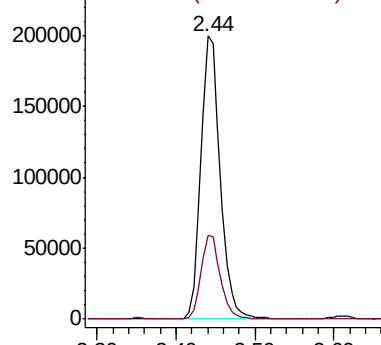
43 100

58 29.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 115.960 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX010007.D

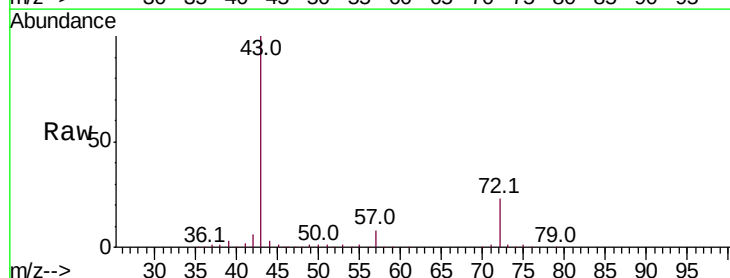
Acq: 01 Jun 2019 00:58

Tgt Ion: 43 Resp: 259408

Ion Ratio Lower Upper

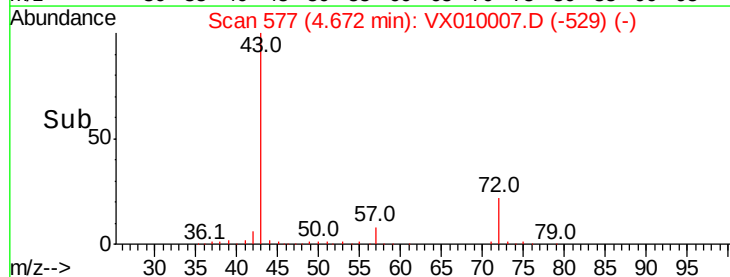
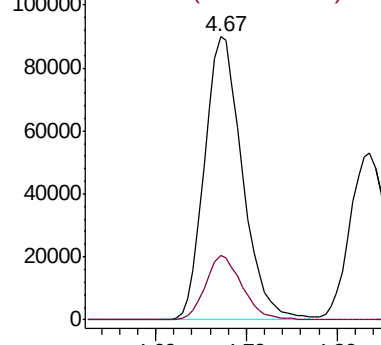
43 100

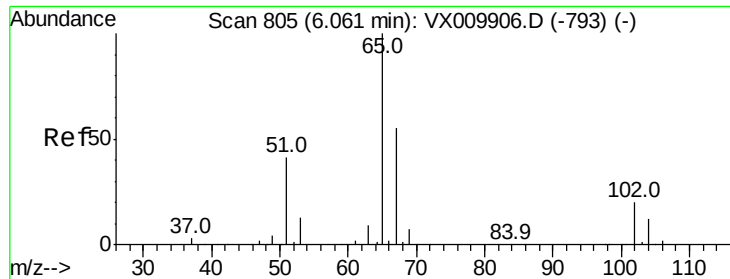
72 22.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.036 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010007.D

Acq: 01 Jun 2019 00:58

Instrument :

MSVOA_X

ClientSampled :

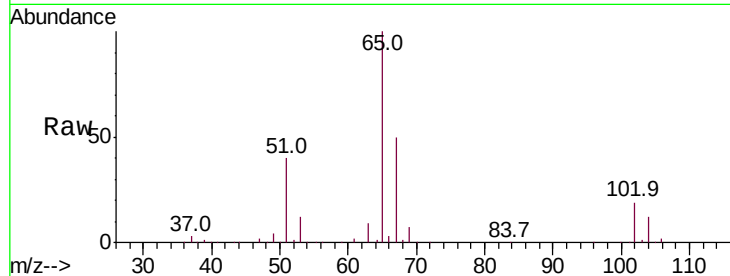
13908

Tot Ion: 65 Resp: 116891

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

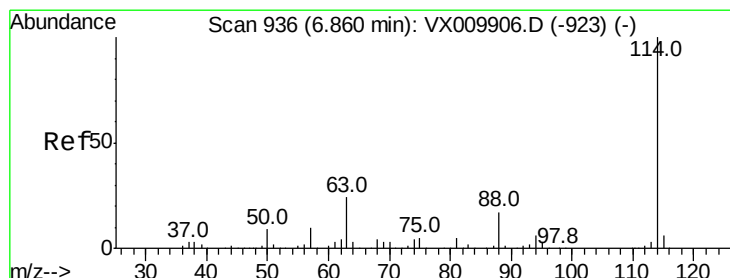
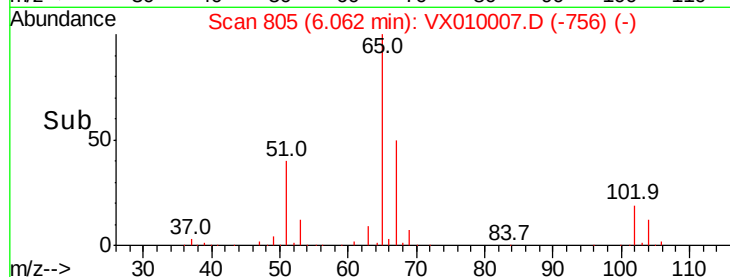
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010007.D

Acq: 01 Jun 2019 00:58

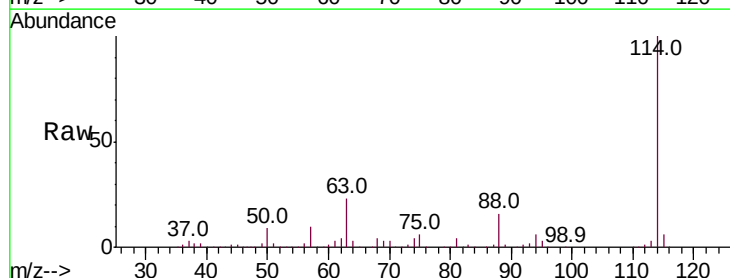
Tgt Ion:114 Resp: 280908

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.4

88 16.3 0.0 33.0



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

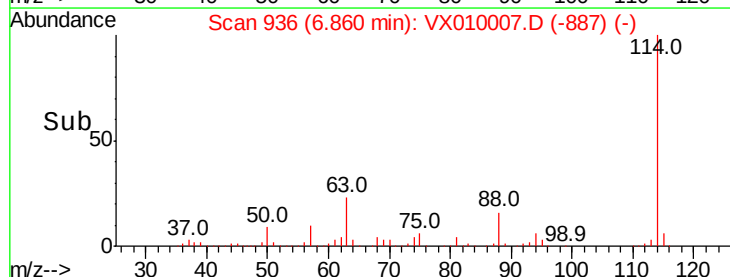
150000

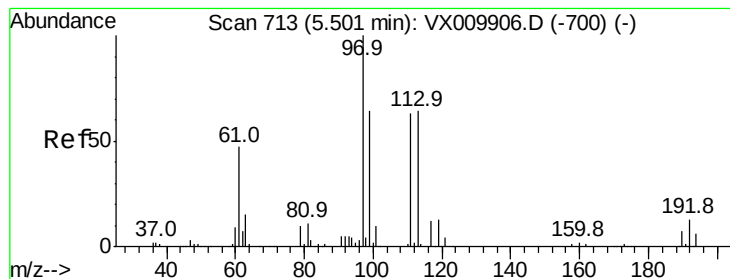
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.853 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010007.D

Acq: 01 Jun 2019 00:58

Instrument :

MSVOA_X

ClientSampleId :

13908

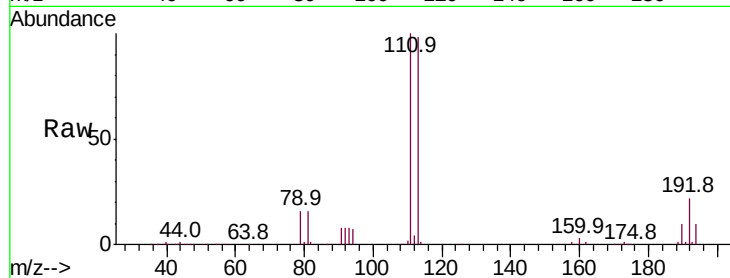
Tot Ion:113 Resp: 86278

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

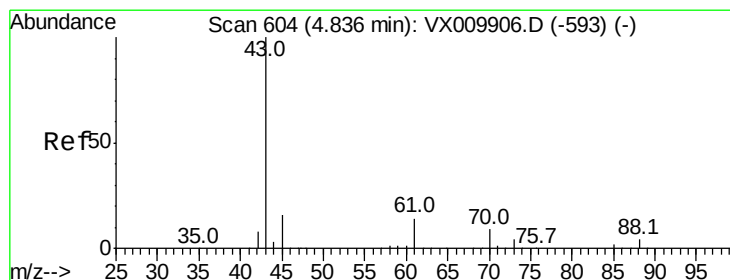
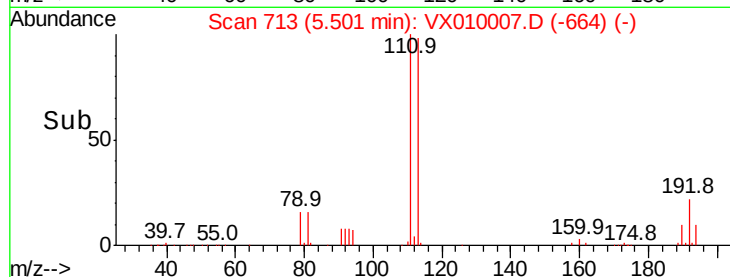
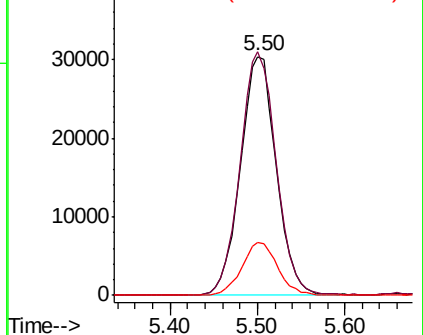
192 22.2 17.1 25.7



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



#37

Ethyl Acetate

Concen: 39.427 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010007.D

Acq: 01 Jun 2019 00:58

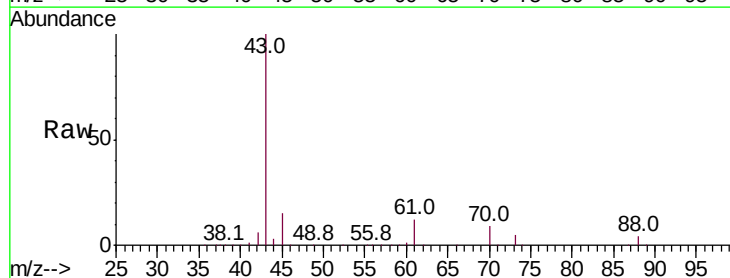
Tgt Ion: 43 Resp: 156577

Ion Ratio Lower Upper

43 100

61 13.4 10.2 15.2

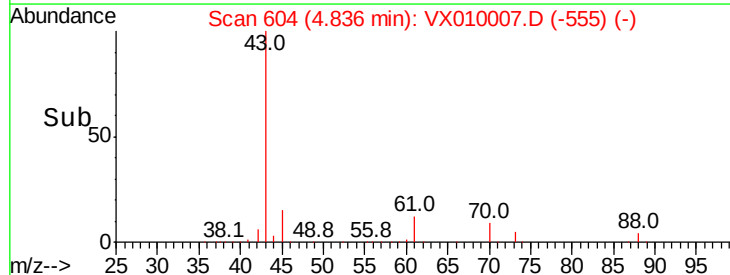
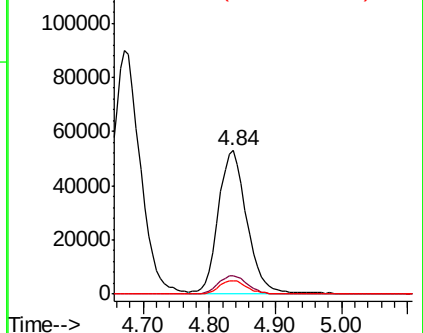
70 9.5 7.4 11.2

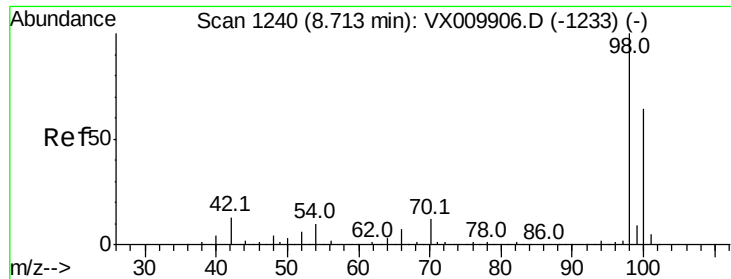


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#50

Toluene-d8

Concen: 49.493 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010007.D

Acq: 01 Jun 2019 00:58

Instrument :

MSVOA_X

ClientSampled :

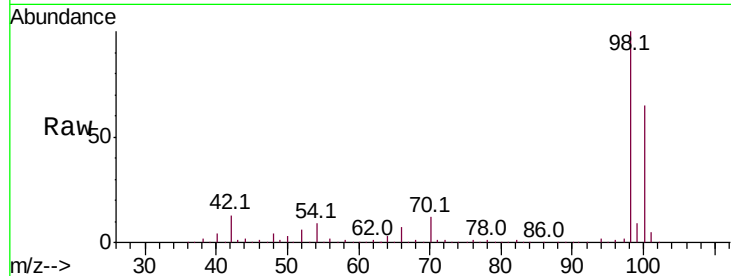
13908

Tot Ion: 98 Resp: 354946

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

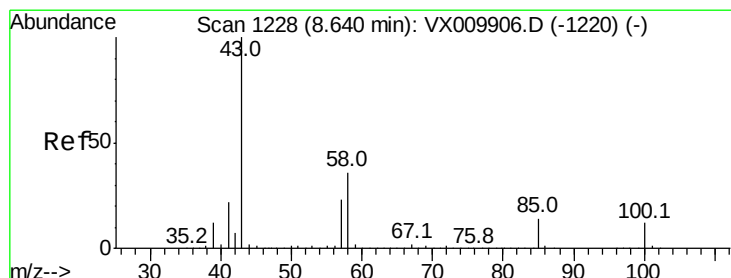
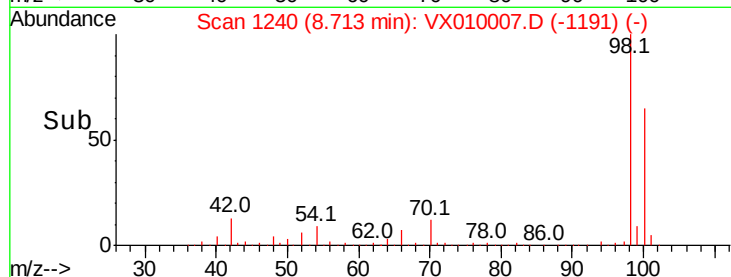
0

8.60

8.70

8.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 6.044 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010007.D

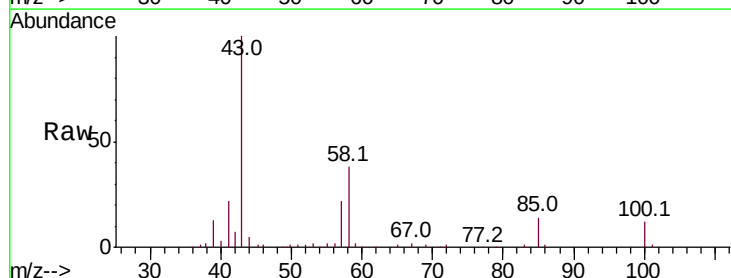
Acq: 01 Jun 2019 00:58

Tgt Ion: 43 Resp: 25194

Ion Ratio Lower Upper

43 100

58 35.9 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

10000

5000

0

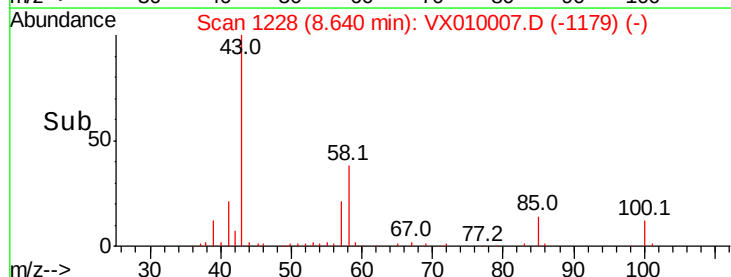
8.55

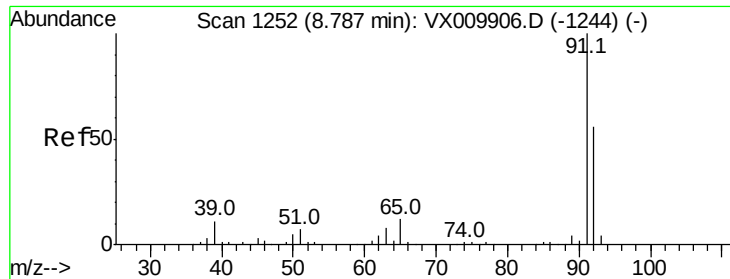
8.60

8.65

8.70

Time-->





#52

Toluene

Concen: 2.268 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010007.D

Acq: 01 Jun 2019 00:58

Instrument :

MSVOA_X

ClientSampleId :

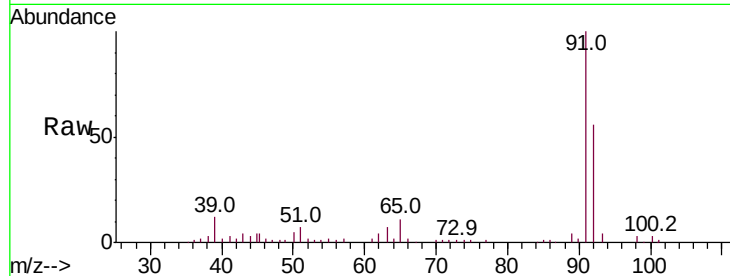
13908

Tot Ion: 92 Resp: 11643

Ion Ratio Lower Upper

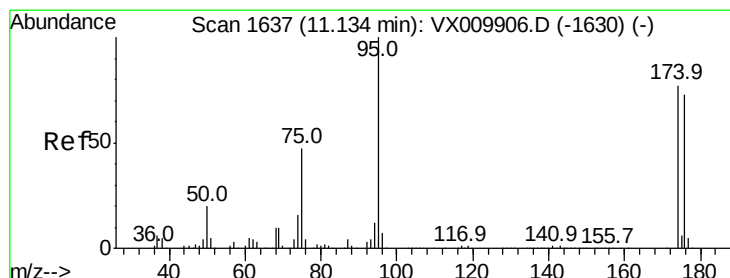
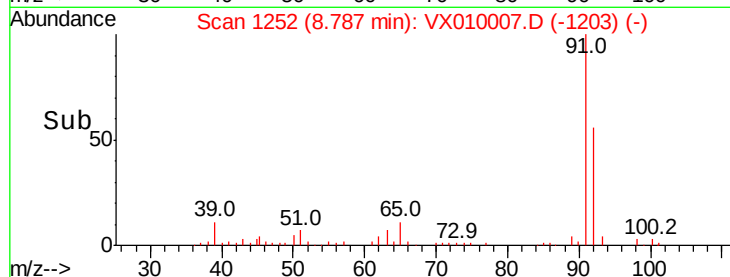
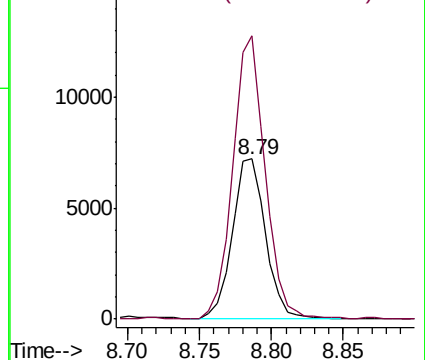
92 100

91 172.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.108 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010007.D

Acq: 01 Jun 2019 00:58

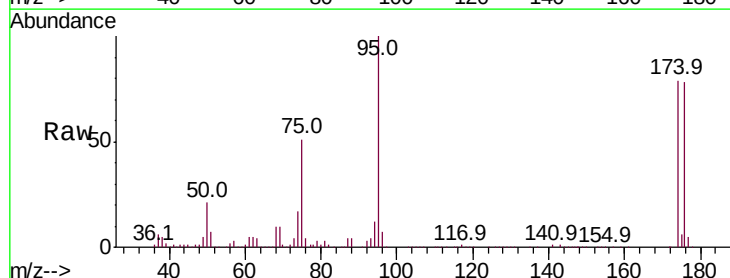
Tgt Ion: 95 Resp: 126498

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.4

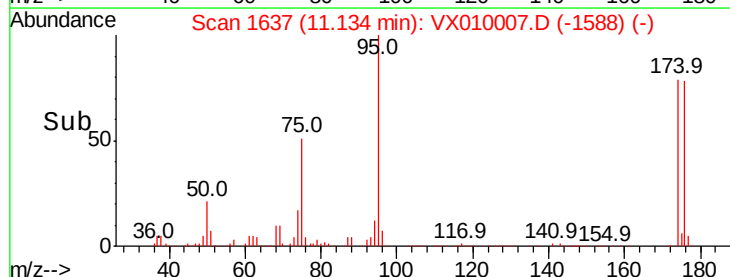
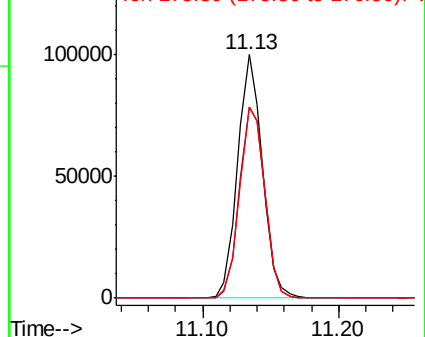
176 79.5 0.0 154.6

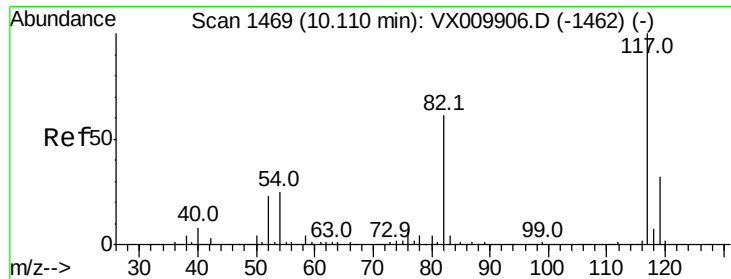


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

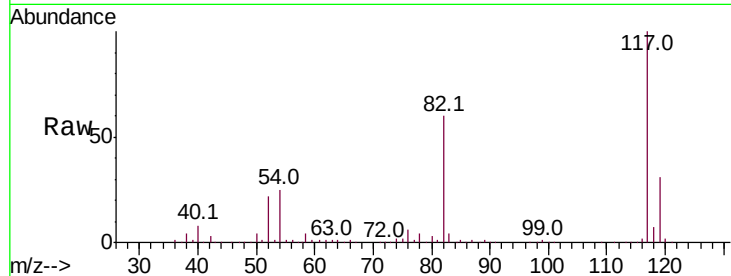




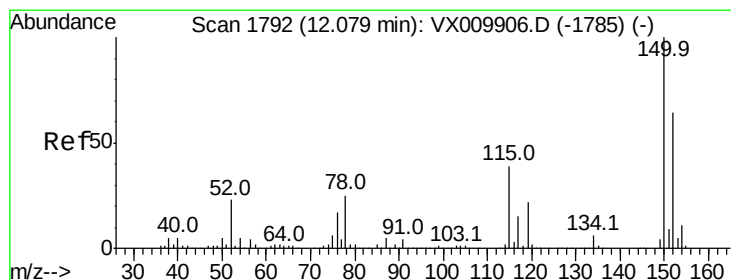
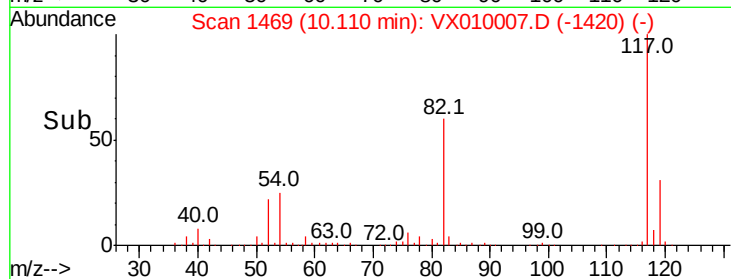
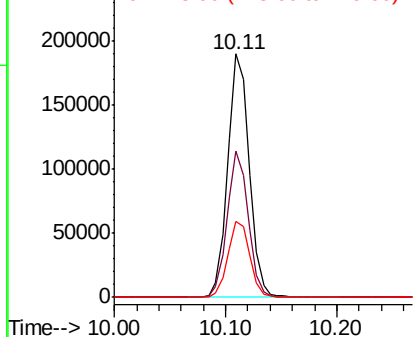
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010007.D
Acq: 01 Jun 2019 00:58

Instrument :
MSVOA_X
ClientSampled :
13908

Tot Ion:117 Resp: 253595
Ion Ratio Lower Upper
117 100
82 59.8 49.2 73.8
119 31.4 25.2 37.8

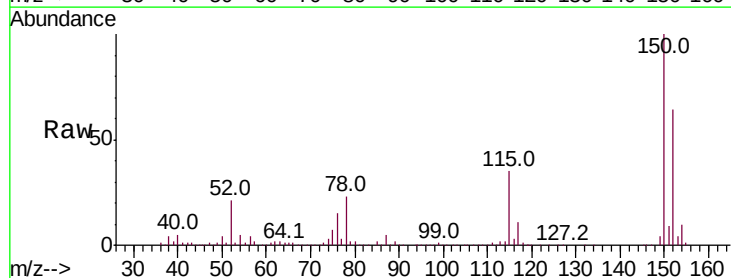


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010007.D
Acq: 01 Jun 2019 00:58

Tgt Ion:152 Resp: 114834
Ion Ratio Lower Upper
152 100
115 58.4 41.4 124.2
150 158.0 0.0 345.2



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

