

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015745.D
 Acq On : 17 Apr 2020 17:54
 Operator : JC/SP
 Sample : L2293-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-S1SVEGW-200407

Quant Time: Apr 20 09:02:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

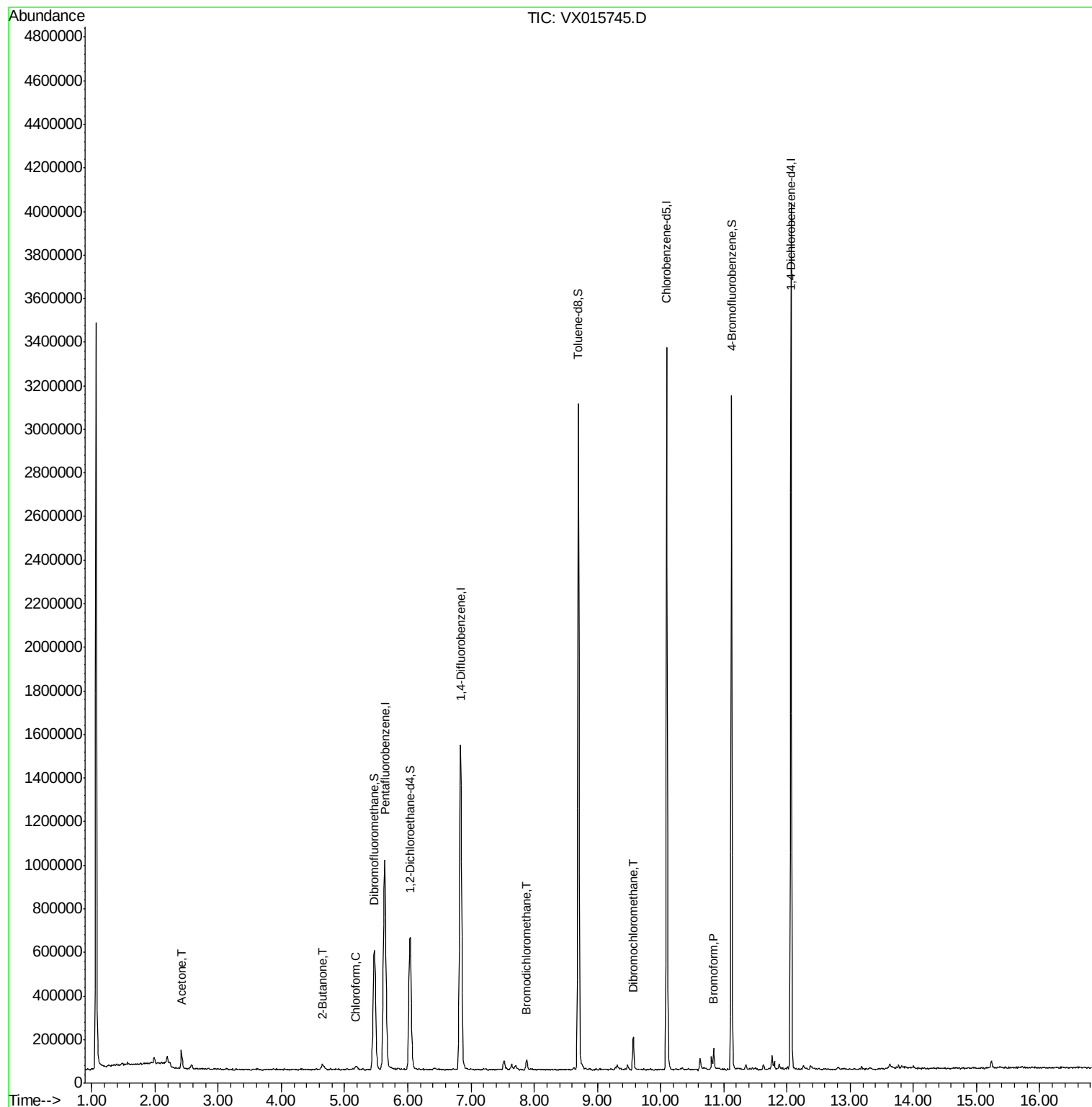
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	991009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1549778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1481360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	826754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	597111	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.44%	
35) Dibromofluoromethane	5.47	113	467344	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	8.70	98	1850587	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.12	95	778436	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
Target Compounds						
16) Acetone	2.42	43	95312	15.872	ug/l	99
25) 2-Butanone	4.65	43	44249	4.582	ug/l #	84
30) Chloroform	5.19	83	20579	1.049	ug/l	100
47) Bromodichloromethane	7.89	83	32687	2.044	ug/l #	95
60) Dibromochloromethane	9.57	129	46453	3.659	ug/l	96
71) Bromoform	10.84	173	36208	3.370	ug/l #	98

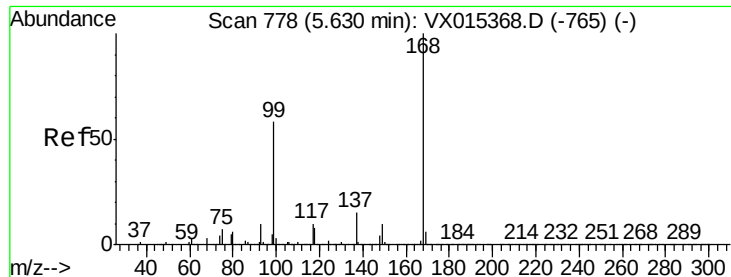
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015745.D

Acq: 17 Apr 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

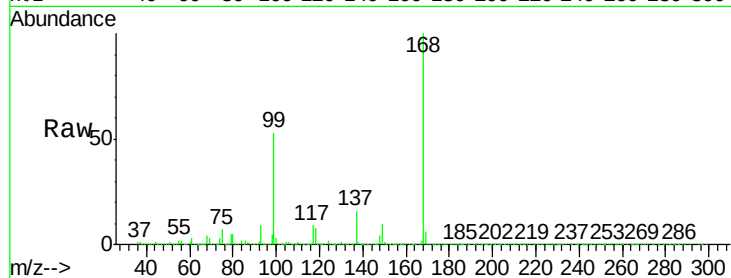
Z5-S1SVEGW-200407

Tot Ion:168 Resp: 991009

Ion Ratio Lower Upper

168 100

99 52.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

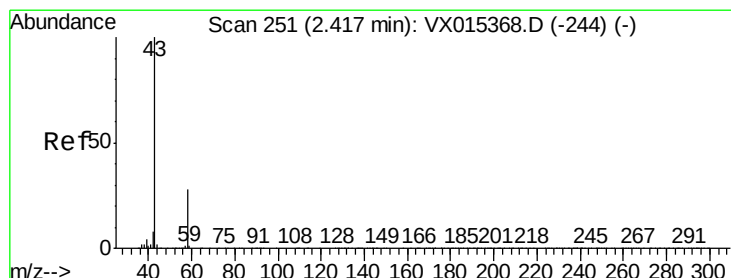
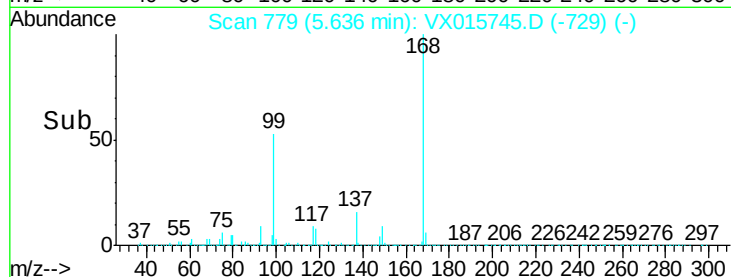
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 15.872 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015745.D

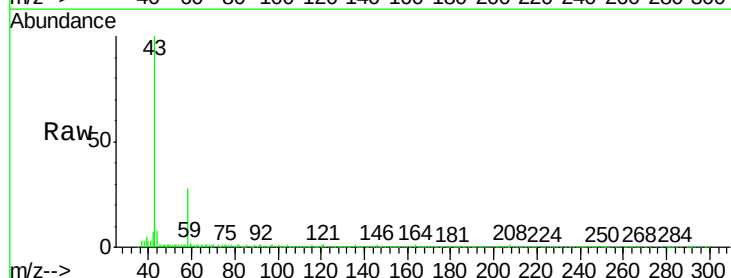
Acq: 17 Apr 2020 17:54

Tgt Ion: 43 Resp: 95312

Ion Ratio Lower Upper

43 100

58 27.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

60000

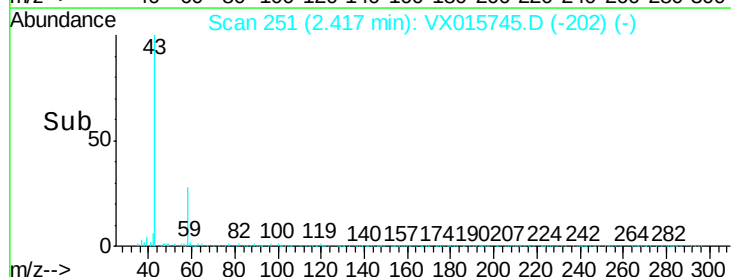
40000

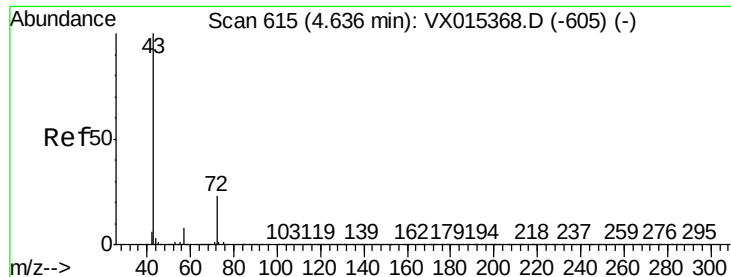
20000

0

Time-->

2.35 2.40 2.45 2.50





#25

2-Butanone

Concen: 4.582 ug/l

RT: 4.65 min Scan# 617

Delta R.T. 0.01 min

Lab File: VX015745.D

Acq: 17 Apr 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

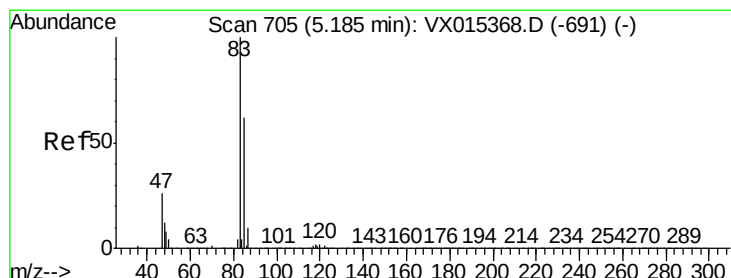
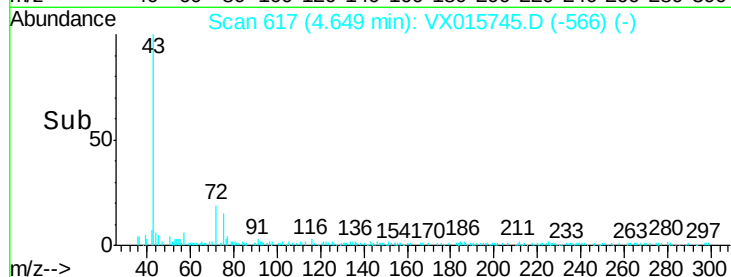
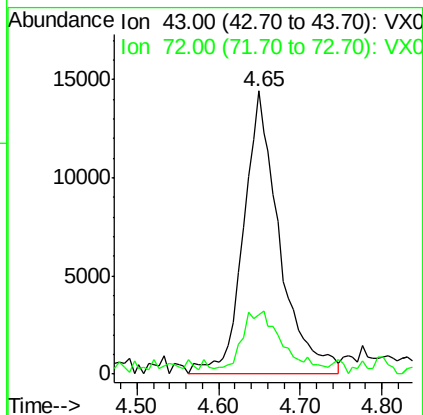
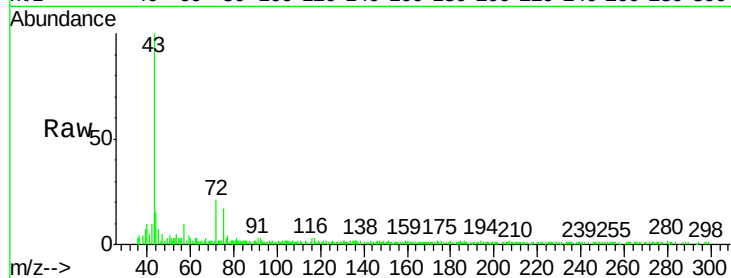
Z5-S1SVEGW-200407

Tot Ion: 43 Resp: 44249

Ion Ratio Lower Upper

43 100

72 15.8 19.0 28.4#



#30

Chloroform

Concen: 1.049 ug/l

RT: 5.19 min Scan# 705

Delta R.T. -0.00 min

Lab File: VX015745.D

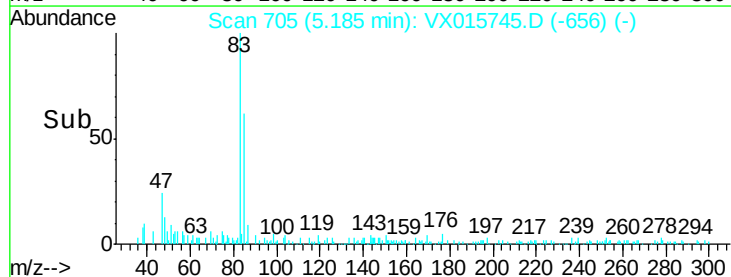
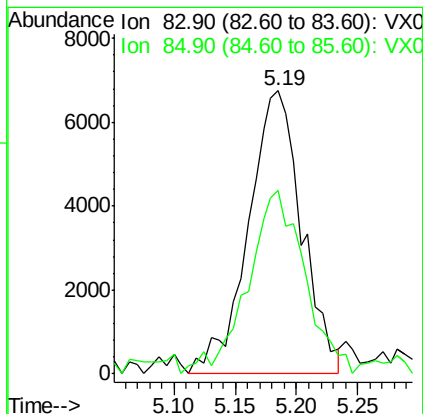
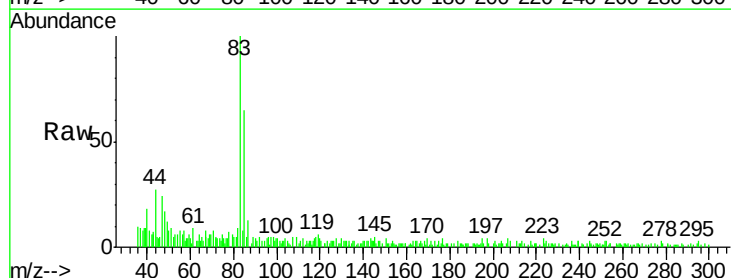
Acq: 17 Apr 2020 17:54

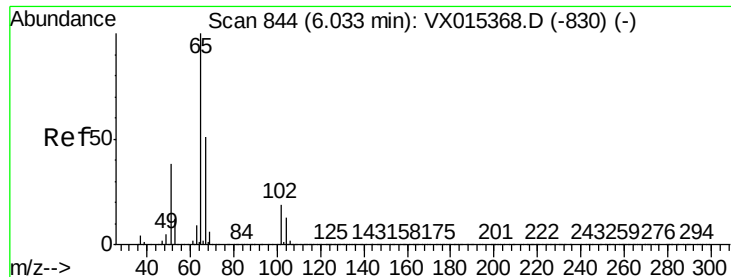
Tgt Ion: 83 Resp: 20579

Ion Ratio Lower Upper

83 100

85 62.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 42.721 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015745.D

Acq: 17 Apr 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

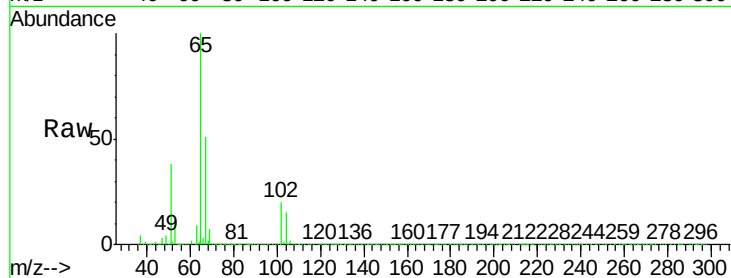
Z5-S1SVEGW-200407

Tot Ion: 65 Resp: 597111

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

250000

200000

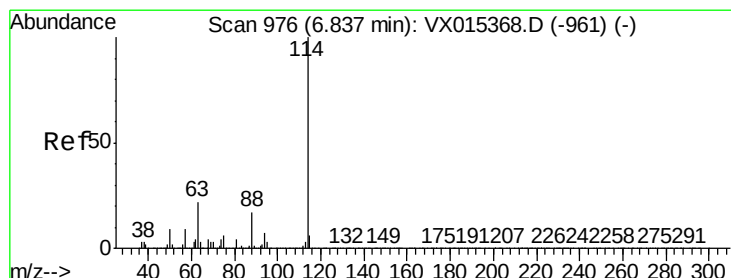
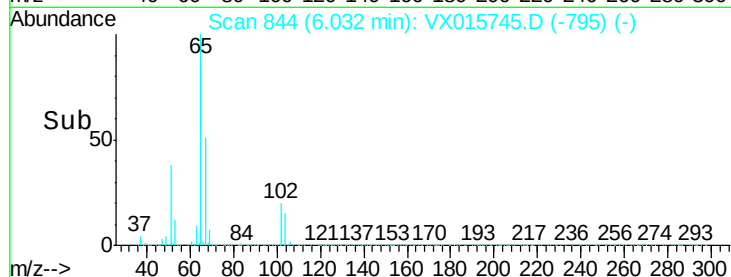
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015745.D

Acq: 17 Apr 2020 17:54

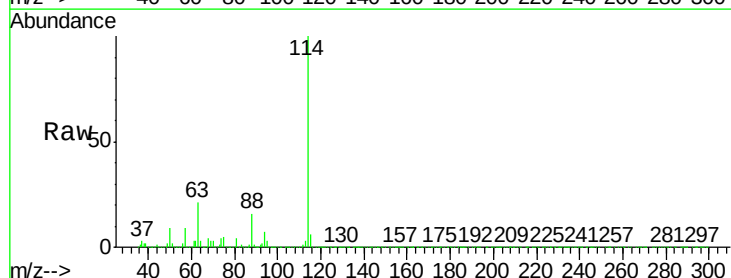
Tgt Ion: 114 Resp: 1549778

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.2

88 15.8 0.0 33.8



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

800000

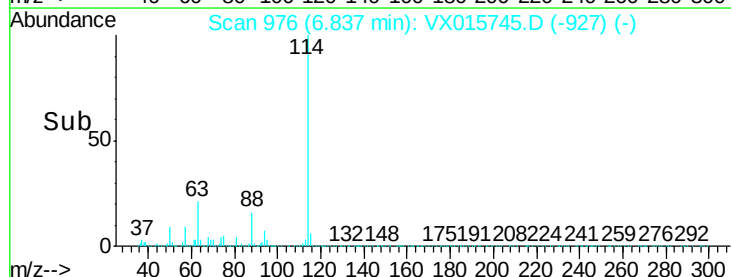
600000

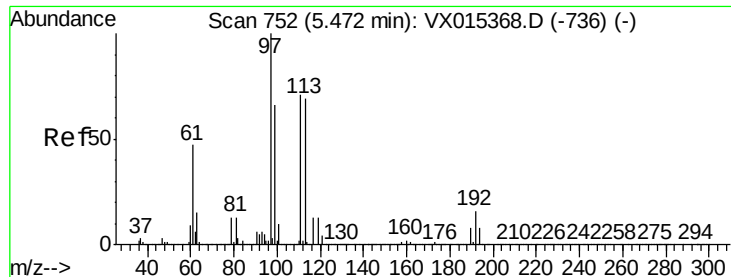
400000

200000

0

Time-->

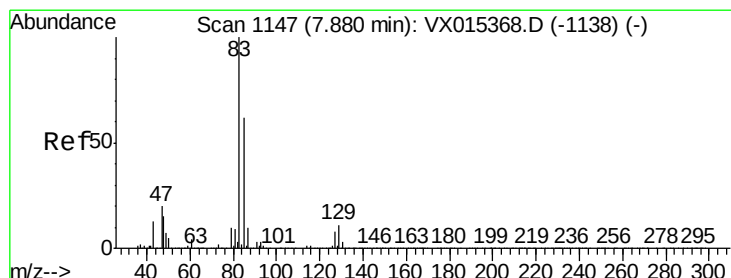
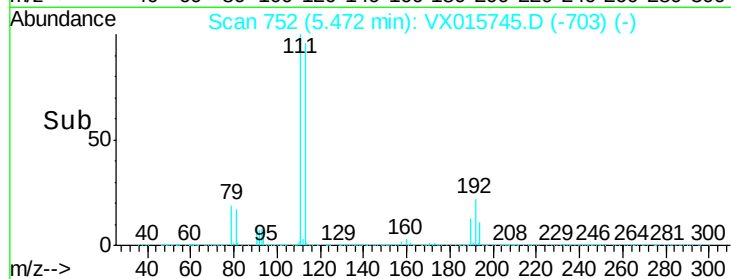
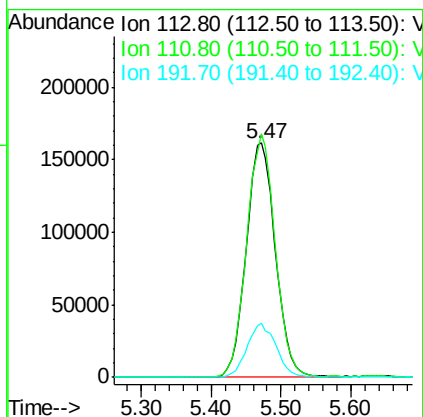
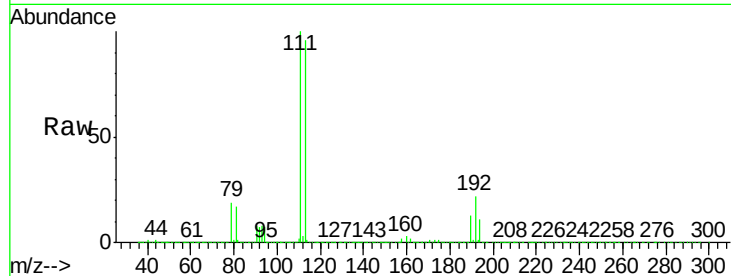




#35
 Dibromofluoromethane
 Concen: 47.175 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015745.D
 Acq: 17 Apr 2020 17:54

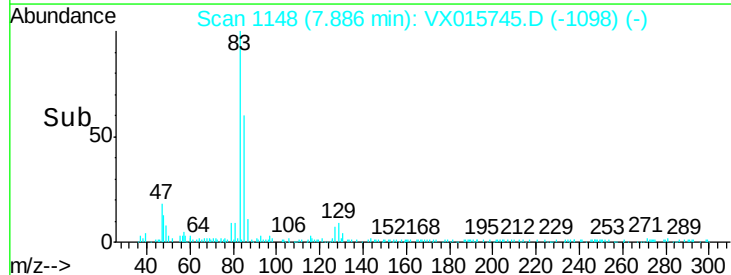
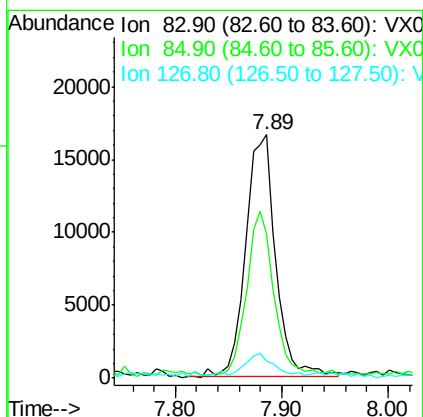
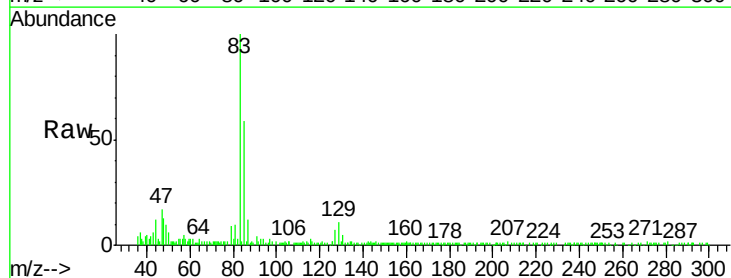
Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-S1SVEGW-200407

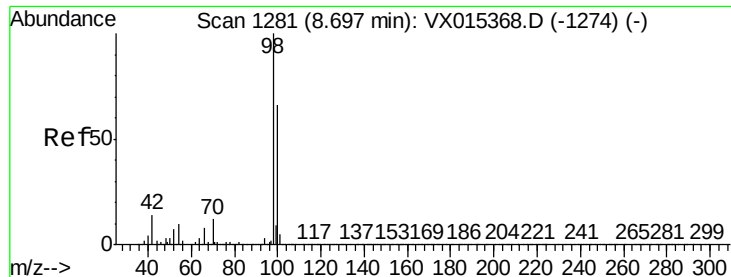
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	22.6	17.8	26.6



#47
 Bromodichloromethane
 Concen: 2.044 ug/l
 RT: 7.89 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: VX015745.D
 Acq: 17 Apr 2020 17:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.1	49.7	74.5
127	6.2	6.7	10.1#





#50

Toluene-d8

Concen: 50.738 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015745.D

Acq: 17 Apr 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

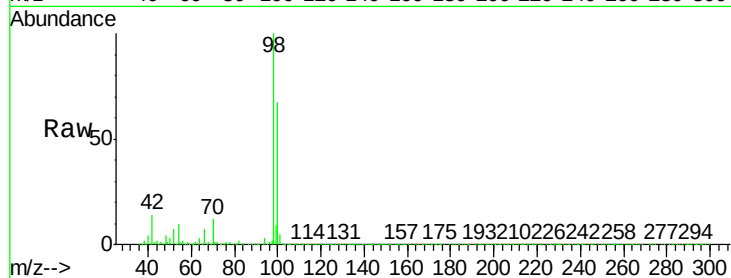
Z5-S1SVEGW-200407

Tot Ion: 98 Resp: 1850587

Ion Ratio Lower Upper

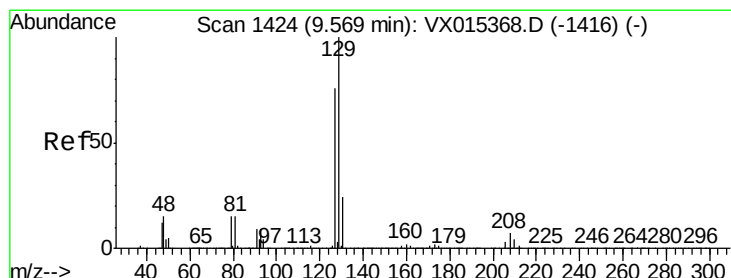
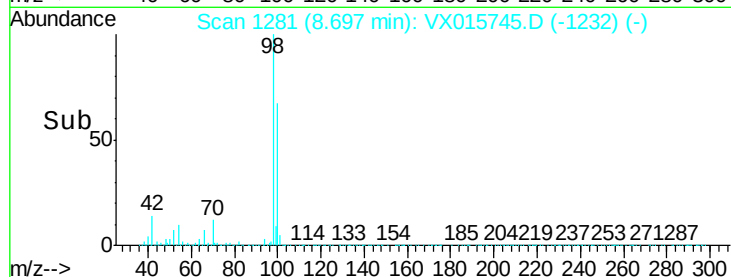
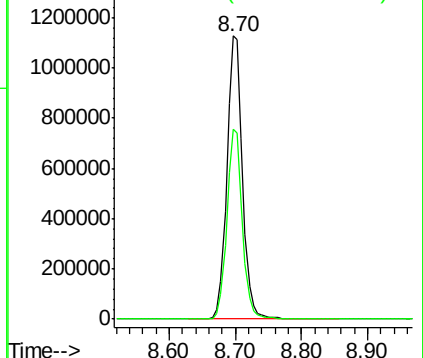
98 100

100 66.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#60

Dibromochloromethane

Concen: 3.659 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. -0.00 min

Lab File: VX015745.D

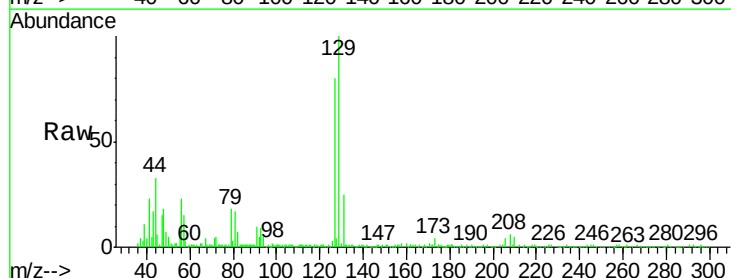
Acq: 17 Apr 2020 17:54

Tgt Ion: 129 Resp: 46453

Ion Ratio Lower Upper

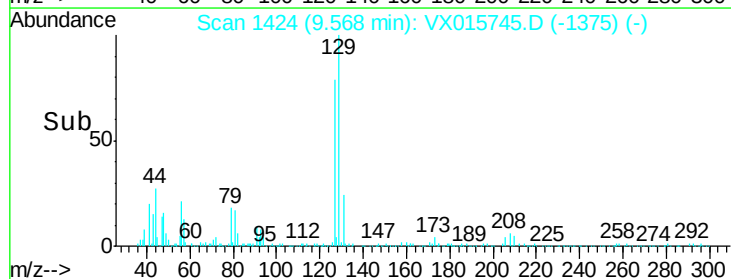
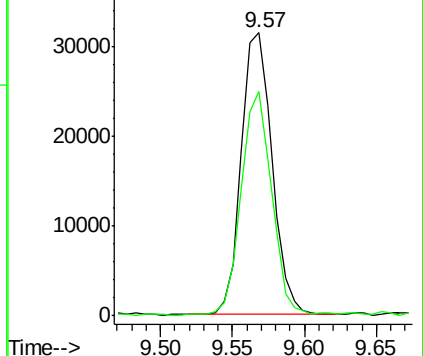
129 100

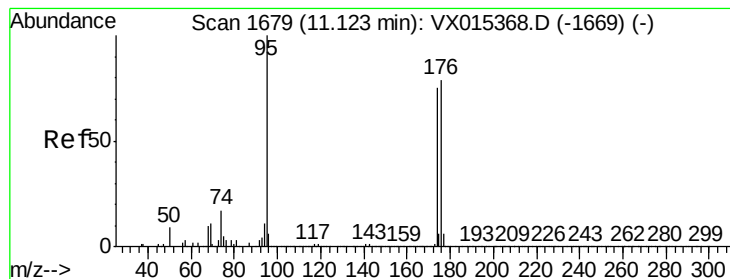
127 80.0 38.2 114.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 52.516 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015745.D

Acq: 17 Apr 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1SVEGW-200407

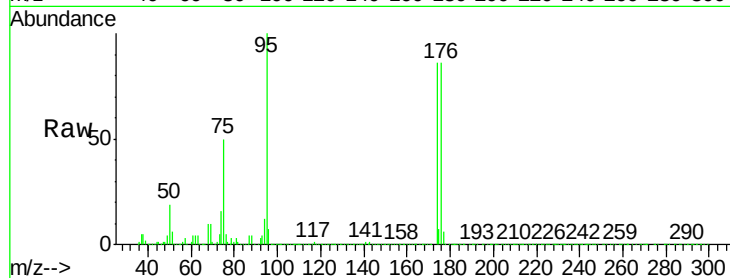
Tot Ion: 95 Resp: 778436

Ion Ratio Lower Upper

95 100

174 86.4 0.0 158.6

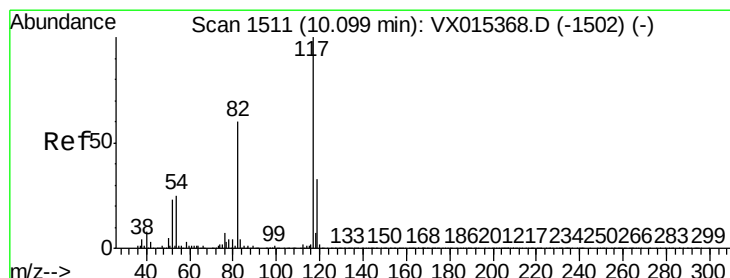
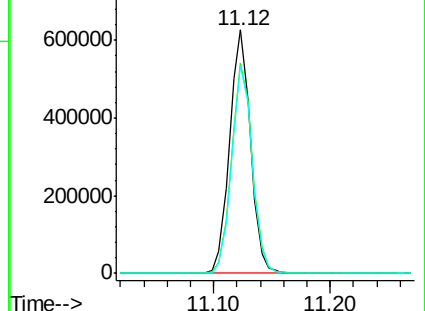
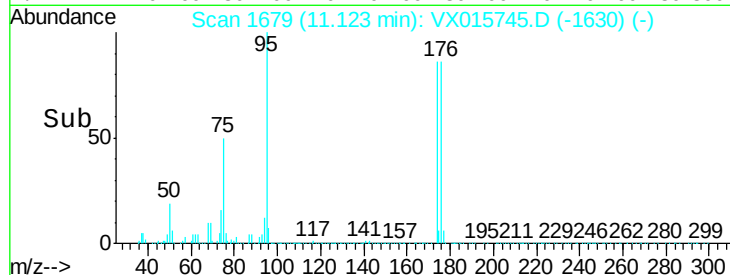
176 84.6 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015745.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015745.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015745.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015745.D

Acq: 17 Apr 2020 17:54

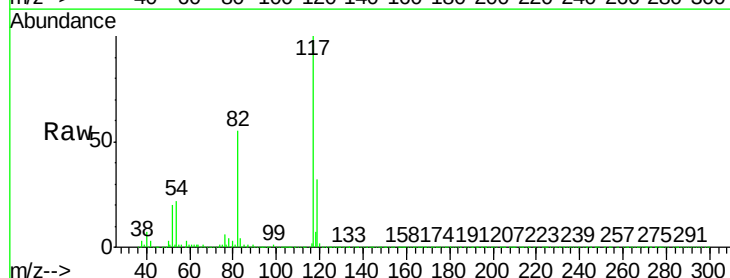
Tgt Ion: 117 Resp: 1481360

Ion Ratio Lower Upper

117 100

82 55.0 47.8 71.8

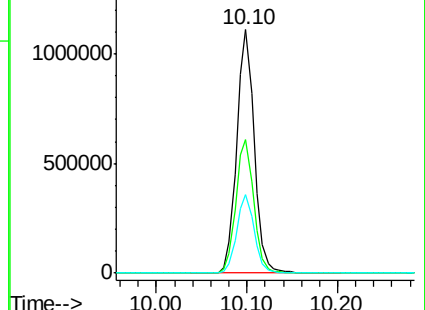
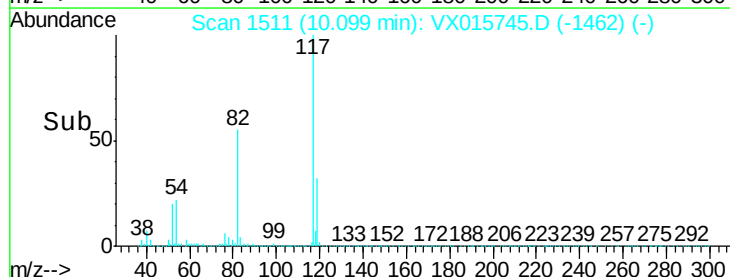
119 32.0 26.8 40.2

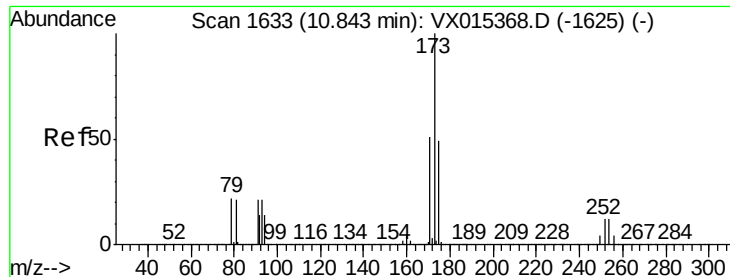


Abundance Ion 116.90 (116.60 to 117.60): VX015745.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015745.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015745.D (-1462) (-)





#71

Bromoform

Concen: 3.370 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015745.D

Acq: 17 Apr 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1SVEGW-200407

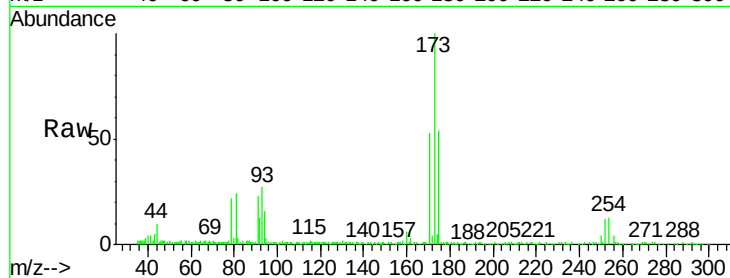
Tot Ion:173 Resp: 36208

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

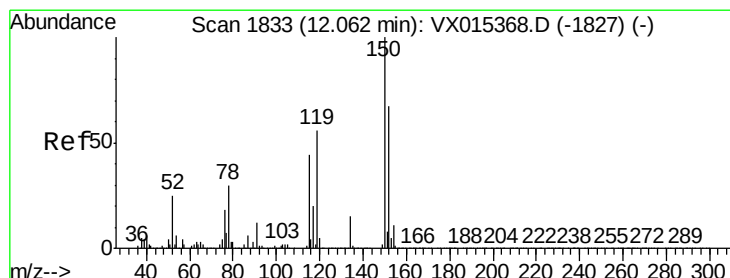
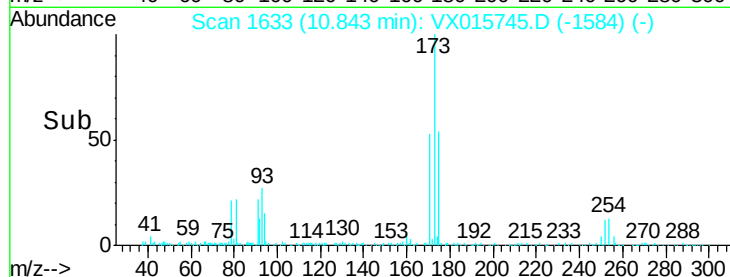
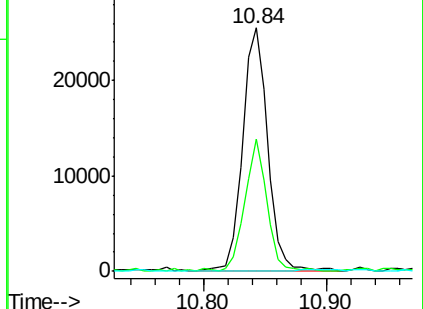
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015745.D

Acq: 17 Apr 2020 17:54

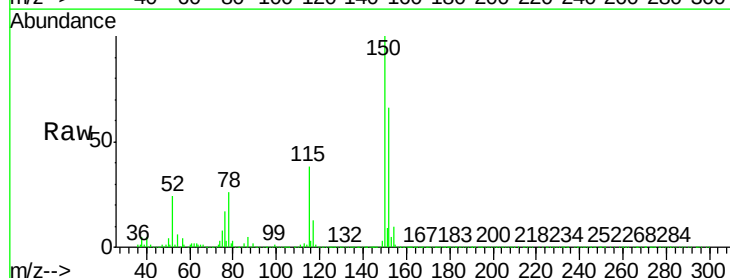
Tgt Ion:152 Resp: 826754

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

150 153.7 0.0 340.8



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

