

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008207.D
 Acq On : 19 Mar 2019 23:03
 Operator : JC/SP
 Sample : VX0319WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 07:14:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	551073	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	475745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193786	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	236982	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
35) Dibromofluoromethane	5.50	113	171590	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
50) Toluene-d8	8.71	98	684623	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	222278	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	

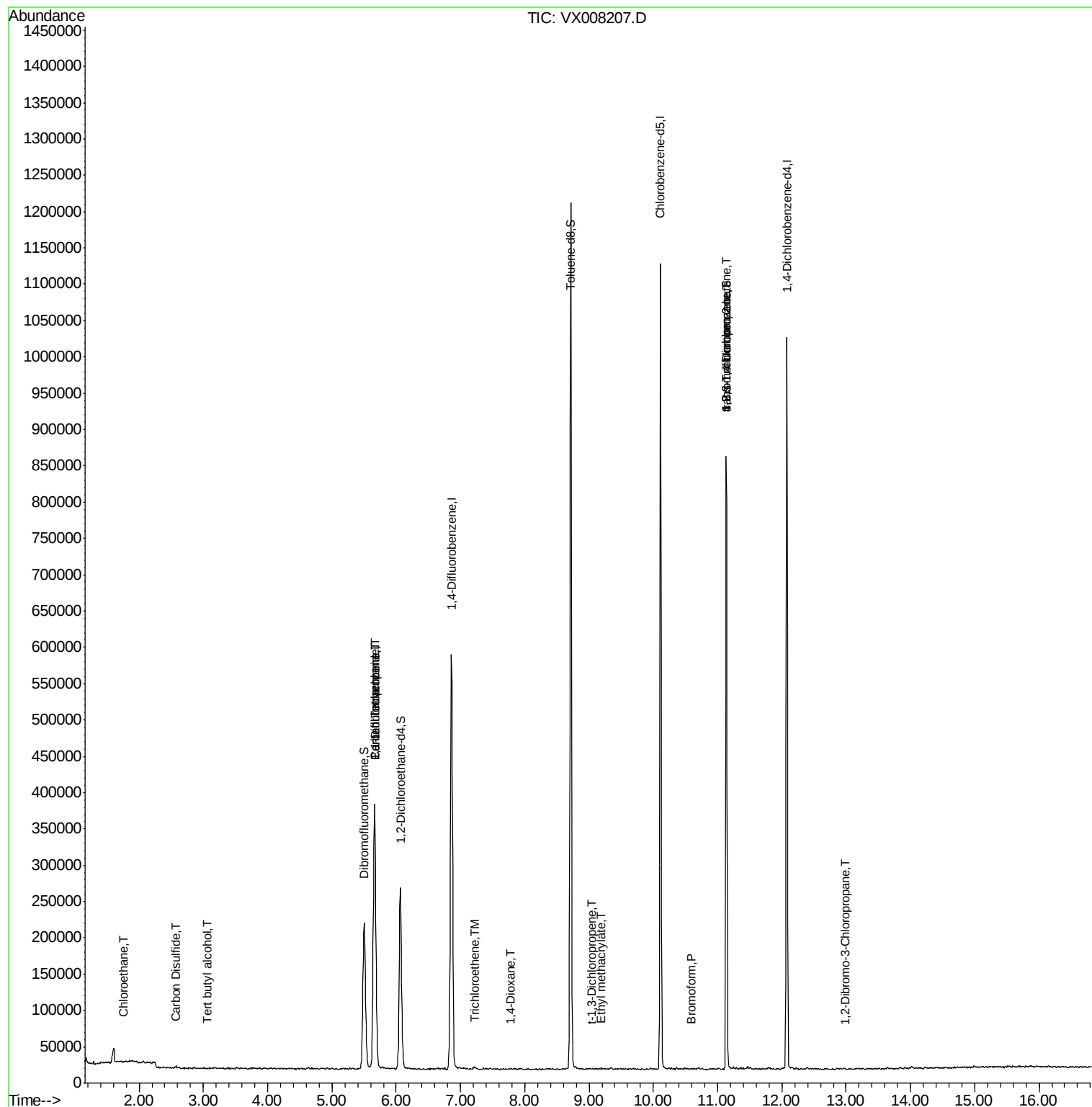
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.76	64	2331	0.716	ug/l #	46
11) Tert butyl alcohol	3.06	59	308	0.279	ug/l #	1
13) Acrolein	2.29	56	309	Below Cal	#	55
17) Carbon Disulfide	2.57	76	2601	0.865	ug/l	99
36) 1,1-Dichloropropene	5.67	75	28991	4.519	ug/l #	49
38) Carbon Tetrachloride	5.67	117	33964	5.941	ug/l #	17
44) Trichloroethene	7.22	130	1263	0.272	ug/l	73
49) 1,4-Dioxane	7.77	88	141	1.236	ug/l #	78
53) t-1,3-Dichloropropene	9.04	75	537	1.490	ug/l #	81
56) Ethyl methacrylate	9.19	69	242	0.556	ug/l #	66
71) Bromoform	10.60	173	73	2.222	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	114977	21.095	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	114977	53.669	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.99	75	301	0.219	ug/l #	1

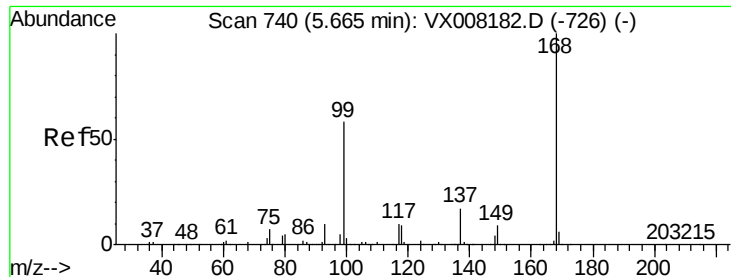
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\
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ClientSampleId :

Quant Time: Mar 20 07:14:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 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: VX008207.D

Acq: 19 Mar 2019 23:03

Instrument :

MSVOA_X

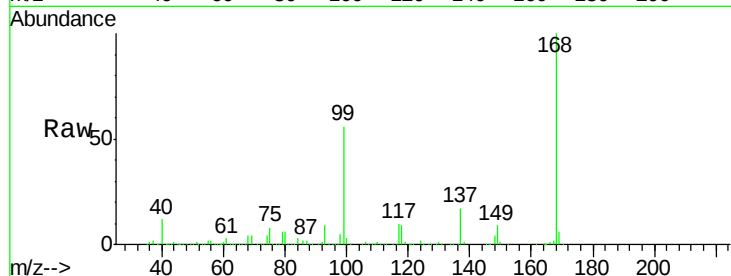
ClientSampleId :

Tot Ion:168 Resp: 342206

Ion Ratio Lower Upper

168 100

99 56.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

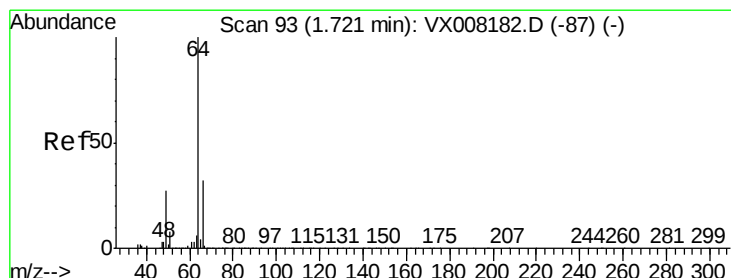
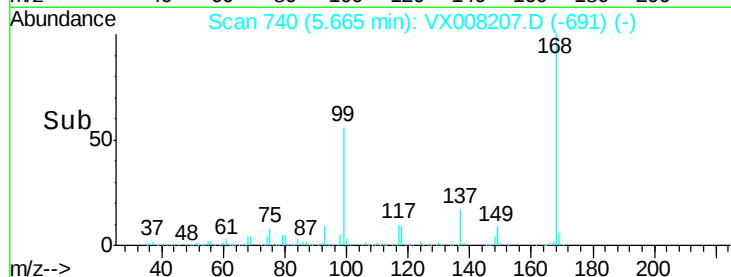
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.716 ug/l

RT: 1.76 min Scan# 99

Delta R.T. 0.04 min

Lab File: VX008207.D

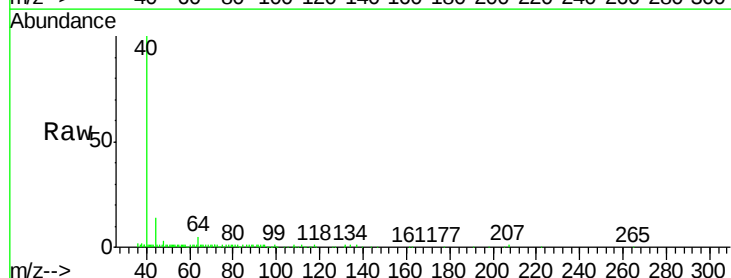
Acq: 19 Mar 2019 23:03

Tgt Ion: 64 Resp: 2331

Ion Ratio Lower Upper

64 100

66 1.9 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.76

1000

800

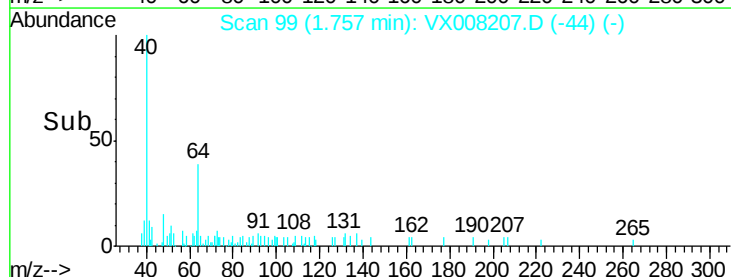
600

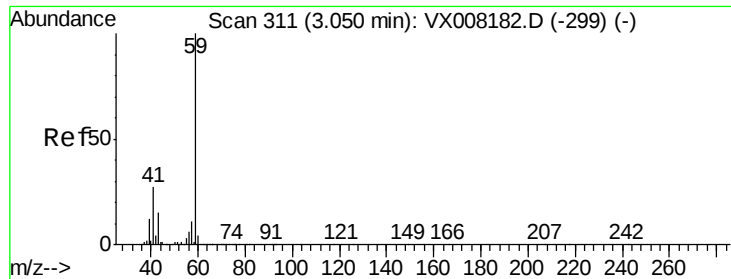
400

200

0

Time--> 1.60 1.65 1.70 1.75 1.80

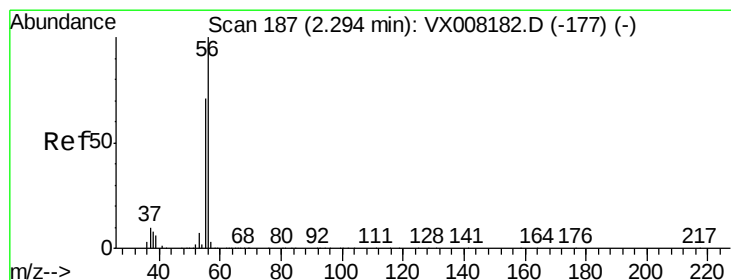
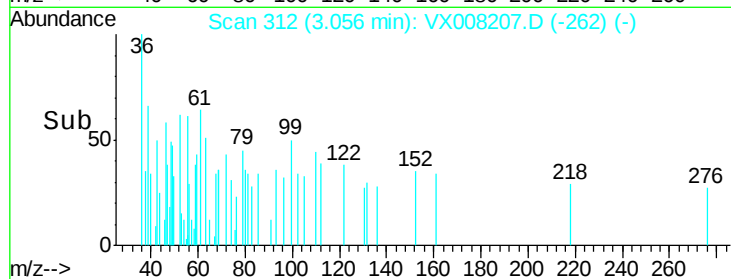
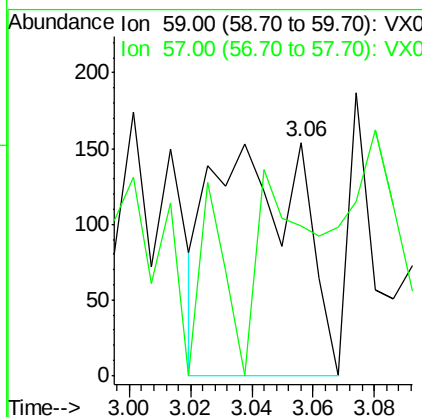
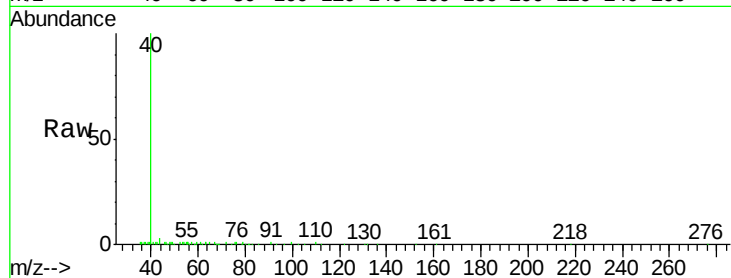




#11
Tert butvl alcohol
Concen: 0.279 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008207.D
Acq: 19 Mar 2019 23:03

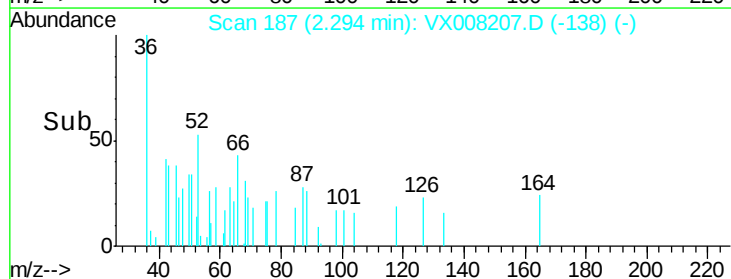
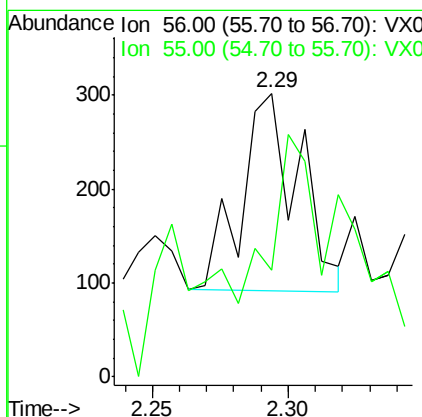
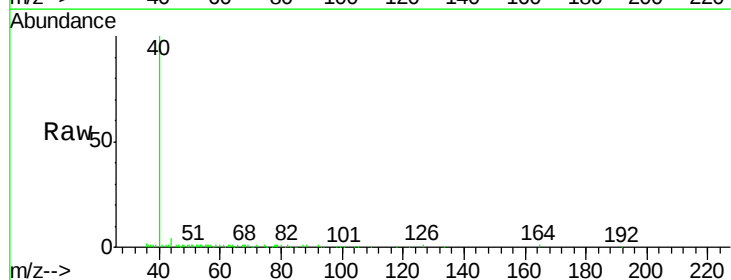
Instrument :
MSVOA_X
ClientSampleId :

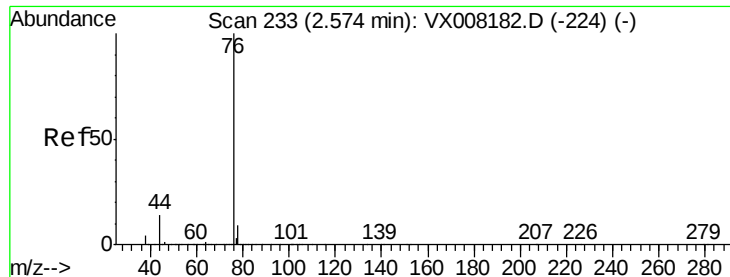
Tot Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 51.3 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008207.D
Acq: 19 Mar 2019 23:03

Tgt Ion: 56 Resp: 309
Ion Ratio Lower Upper
56 100
55 110.0 57.8 86.6#

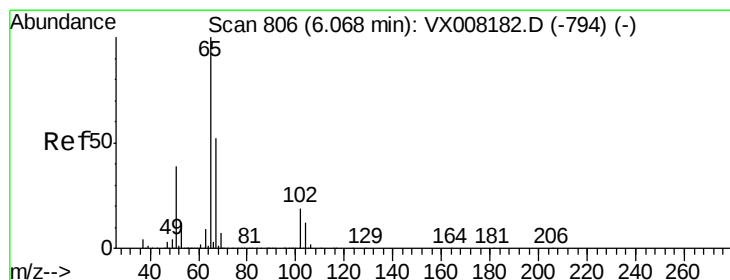
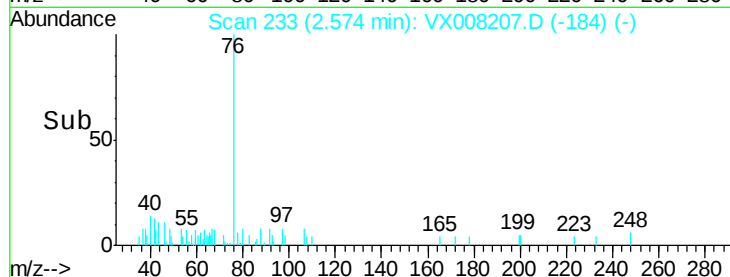
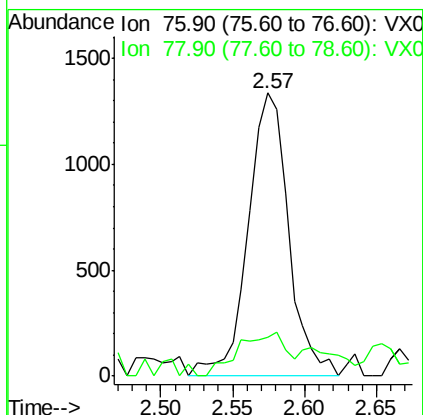
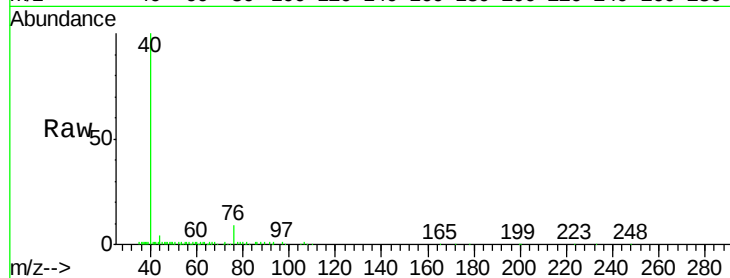




#17
Carbon Disulfide
Concen: 0.865 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008207.D
Acq: 19 Mar 2019 23:03

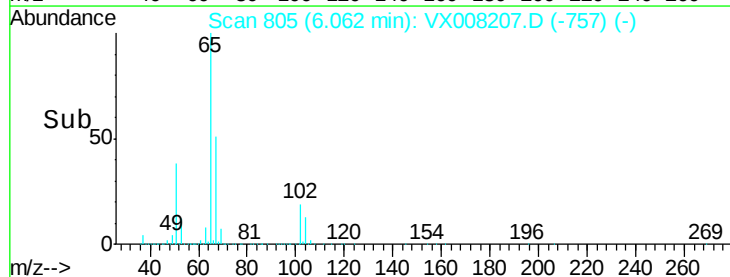
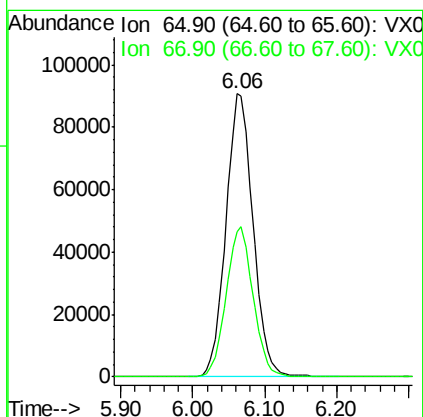
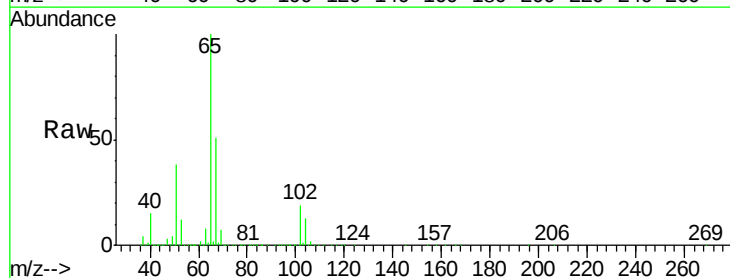
Instrument :
MSVOA_X
ClientSampled :

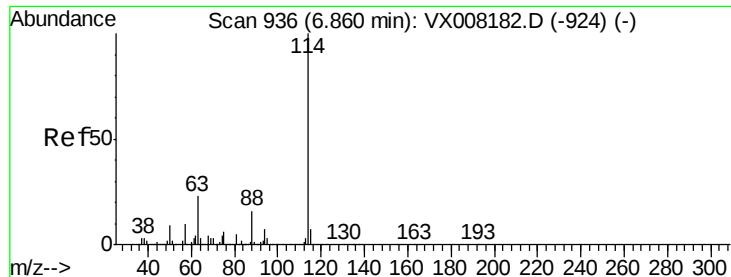
Tot Ion: 76 Resp: 2601
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 45.981 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX008207.D
Acq: 19 Mar 2019 23:03

Tgt Ion: 65 Resp: 236982
Ion Ratio Lower Upper
65 100
67 52.6 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

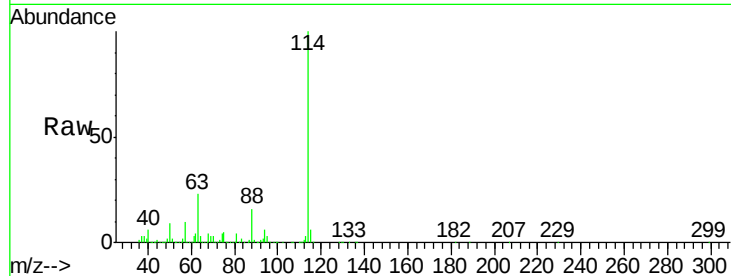
Tot Ion:114 Resp: 551073

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.8

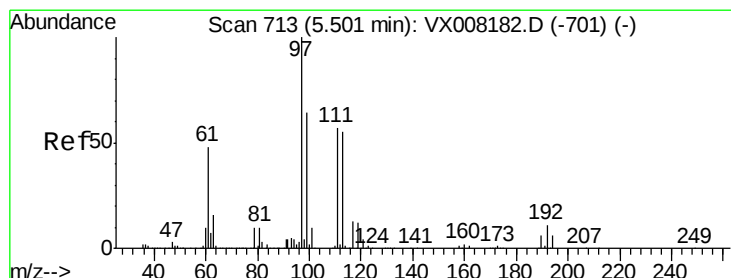
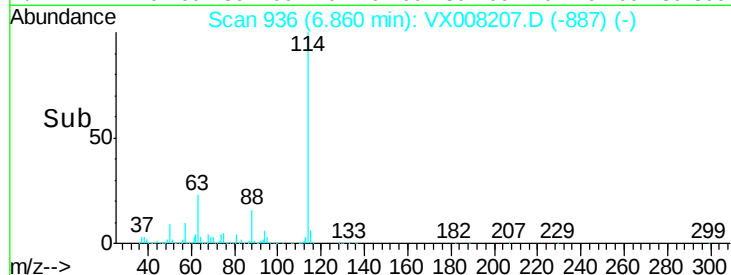
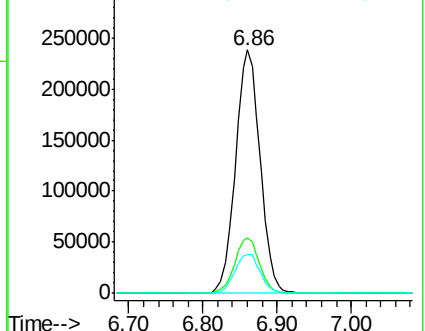
88 16.0 0.0 31.4



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: 46.513 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

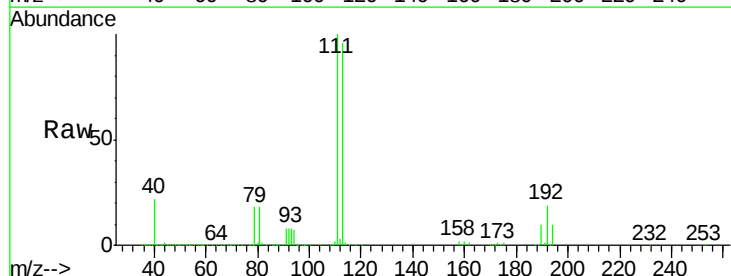
Tgt Ion:113 Resp: 171590

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

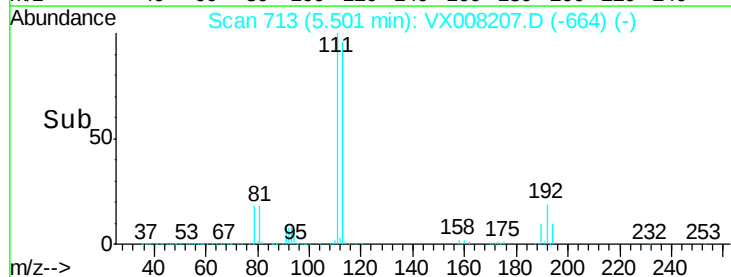
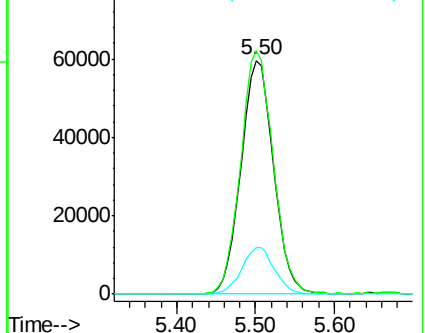
192 20.1 19.4 29.0

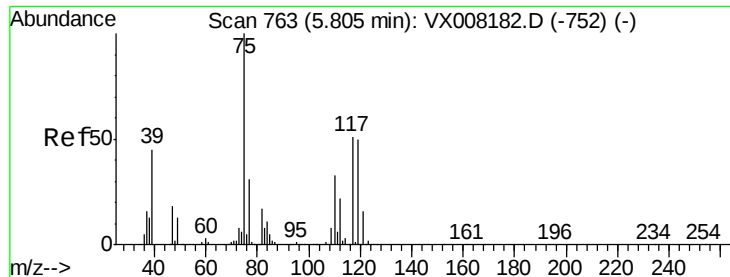


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

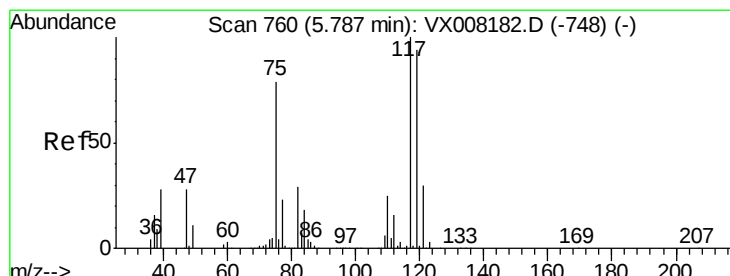
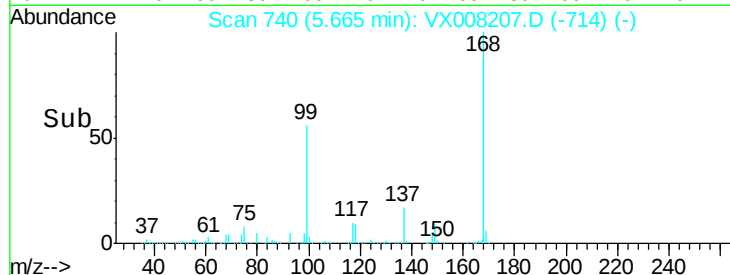
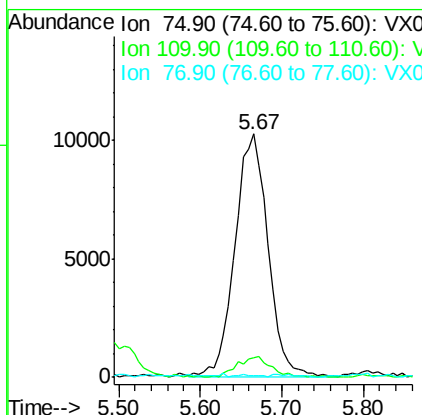
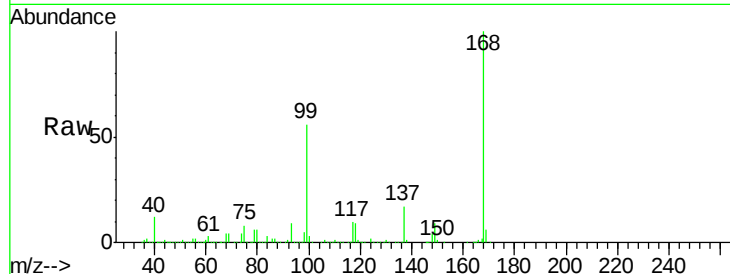




#36
 1,1-Dichloropropene
 Concen: 4.519 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.14 min
 Lab File: VX008207.D
 Acq: 19 Mar 2019 23:03

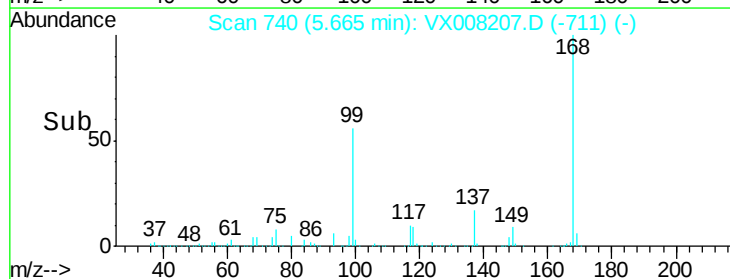
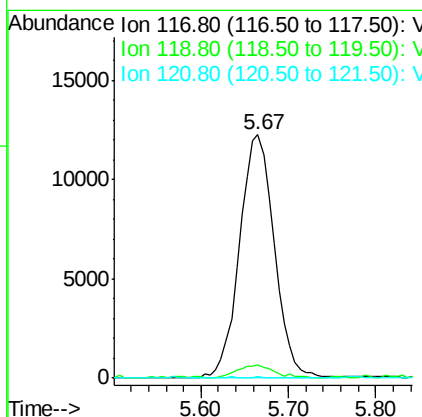
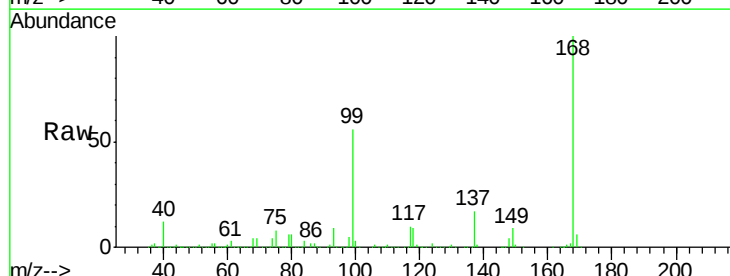
Instrument :
 MSVOA_X
 ClientSampled :

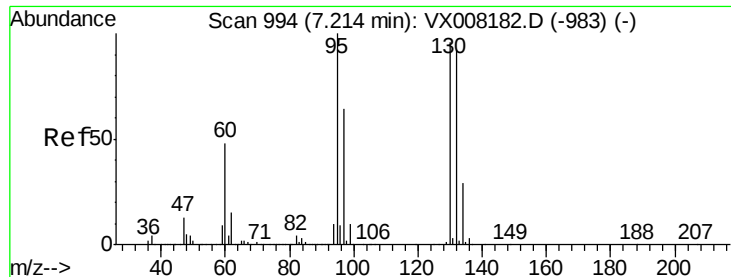
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.4	55.0#
77	0.5	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.941 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX008207.D
 Acq: 19 Mar 2019 23:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.2	114.2#
121	0.5	24.6	36.8#





#44

Trichloroethene

Concen: 0.272 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

Instrument :

MSVOA_X

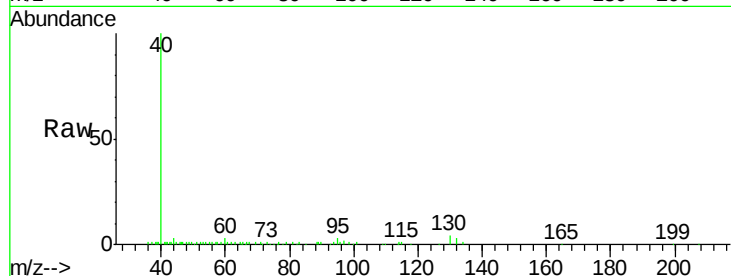
ClientSampleId :

Tot Ion:130 Resp: 1263

Ion Ratio Lower Upper

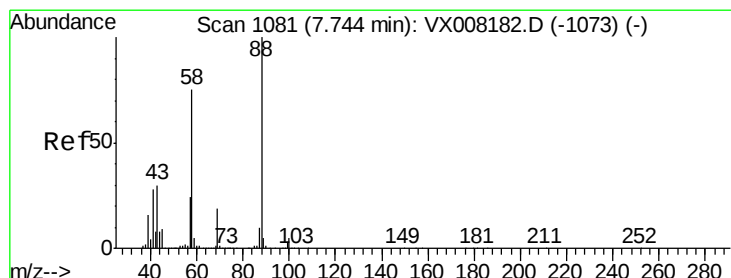
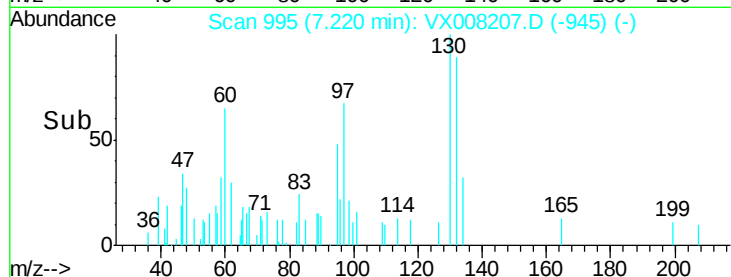
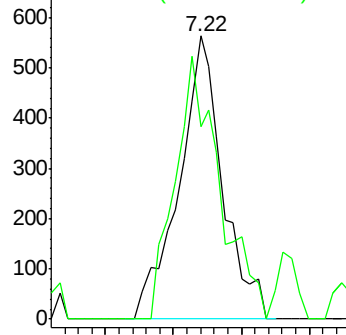
130 100

95 68.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 1.236 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.03 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

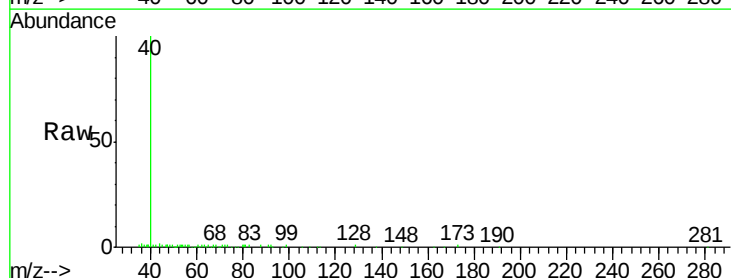
Tgt Ion: 88 Resp: 141

Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

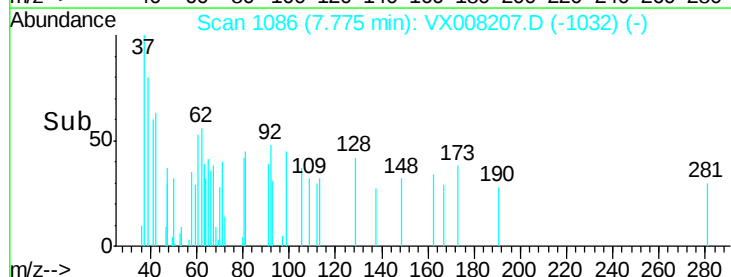
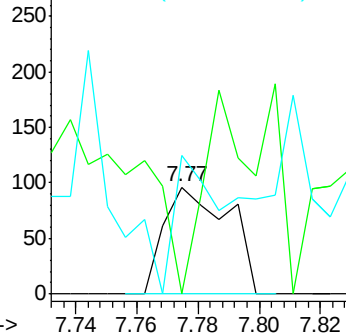
58 78.0 57.8 86.6

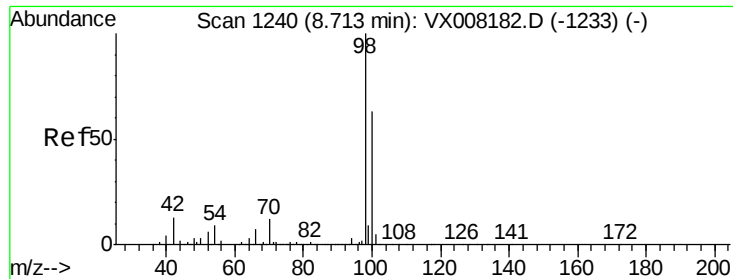


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.949 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

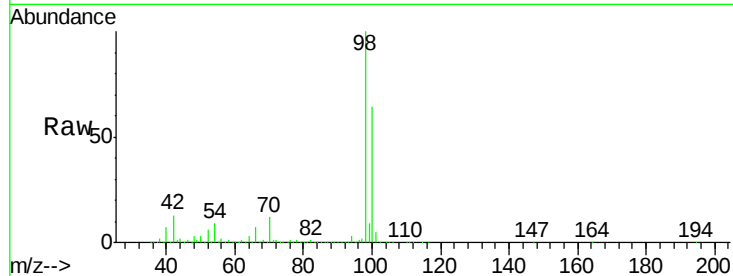
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 684623

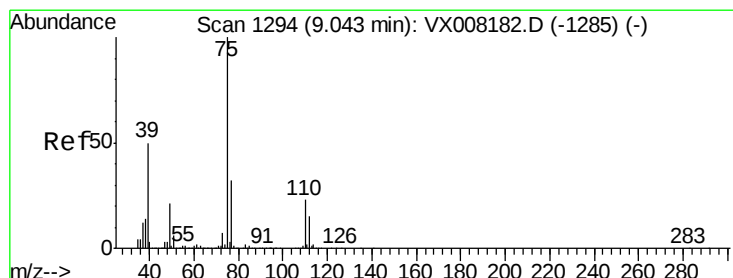
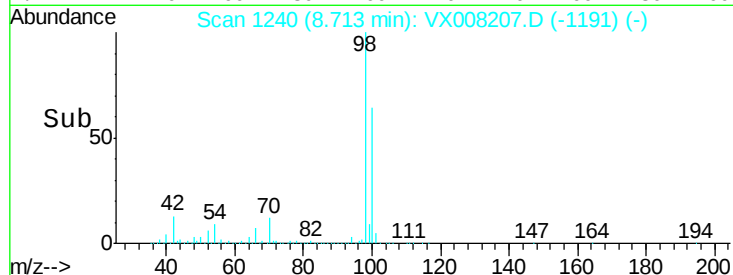
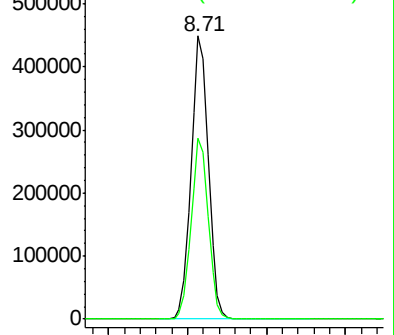
Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX008182.D (-1233) (-)



#53

t-1,3-Dichloropropene

Concen: 1.490 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008207.D

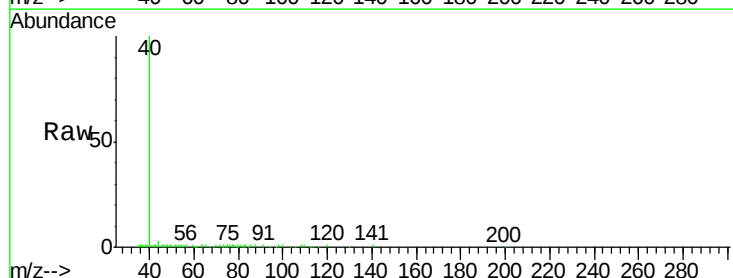
Acq: 19 Mar 2019 23:03

Tgt Ion: 75 Resp: 537

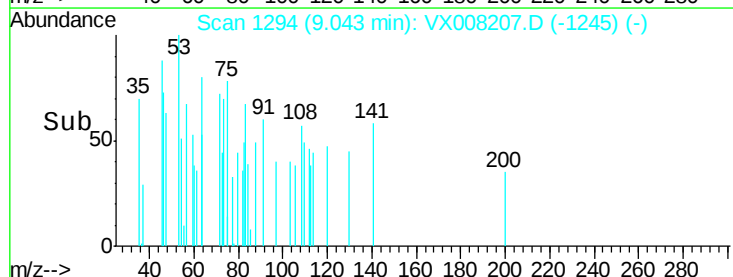
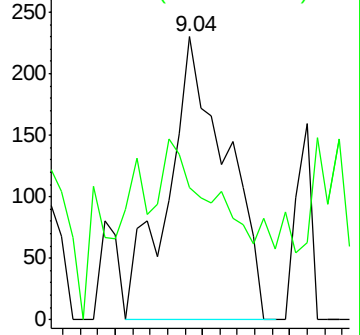
Ion Ratio Lower Upper

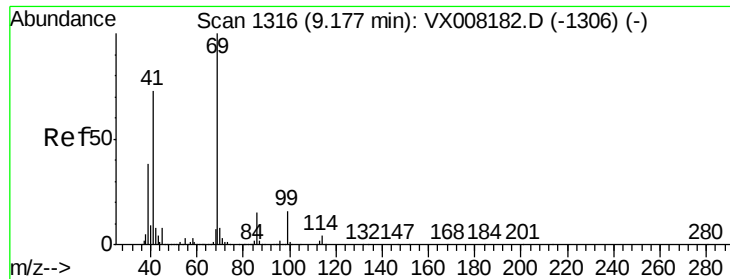
75 100

77 21.3 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX008182.D (-1285) (-)





#56

Ethyl methacrylate

Concen: 0.556 ug/l

RT: 9.19 min Scan# 1318

Delta R.T. 0.01 min

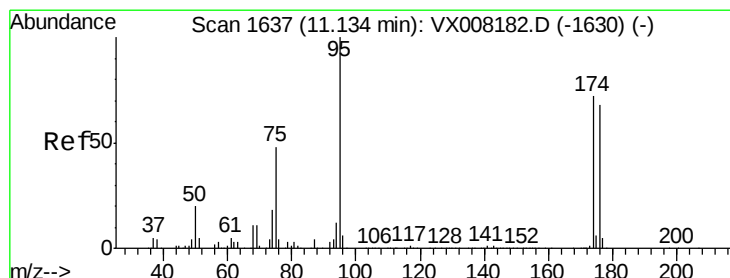
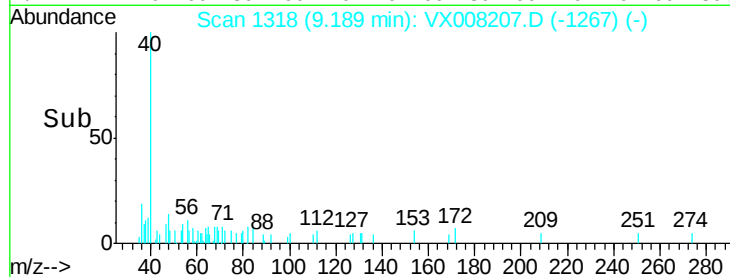
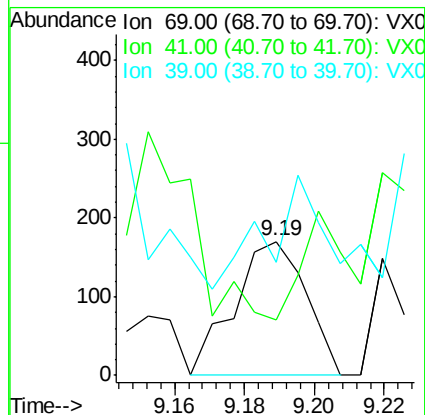
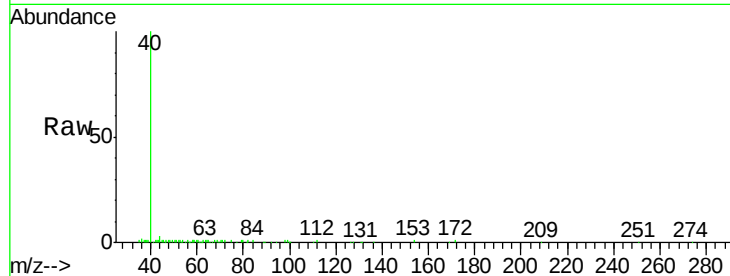
Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 242

Ion	Ratio	Lower	Upper
69	100		
41	49.6	54.2	81.4#
39	63.2	25.0	37.4#



#62

4-Bromofluorobenzene

Concen: 46.155 ug/l

RT: 11.13 min Scan# 1637

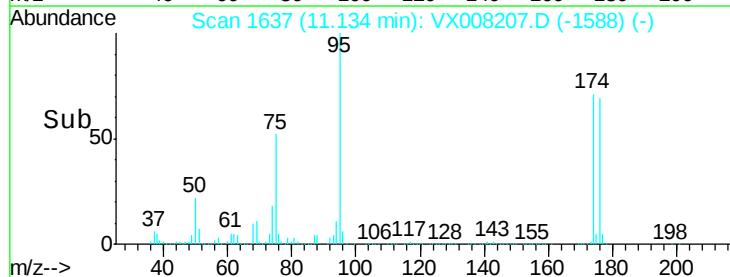
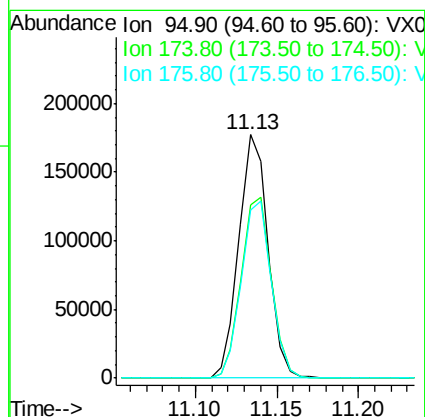
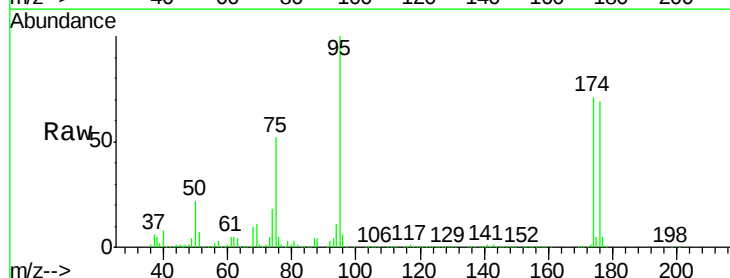
Delta R.T. 0.00 min

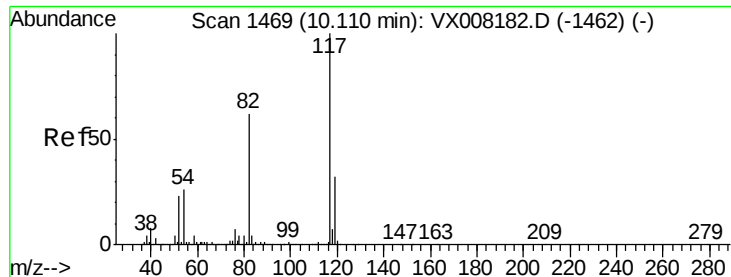
Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

Tgt Ion: 95 Resp: 222278

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	182.8
176	75.0	0.0	178.0

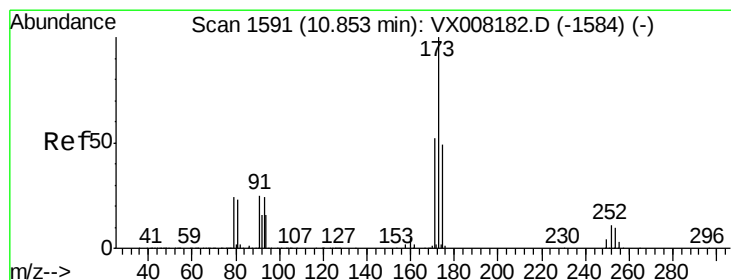
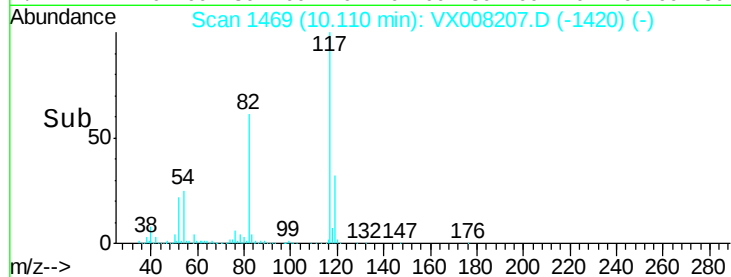
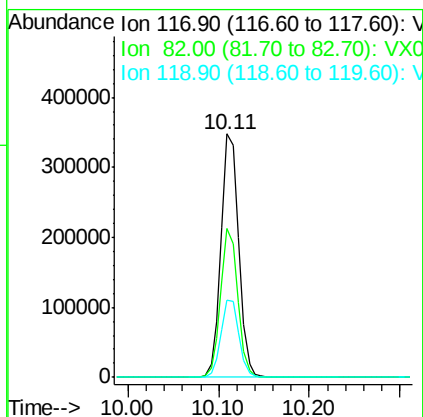
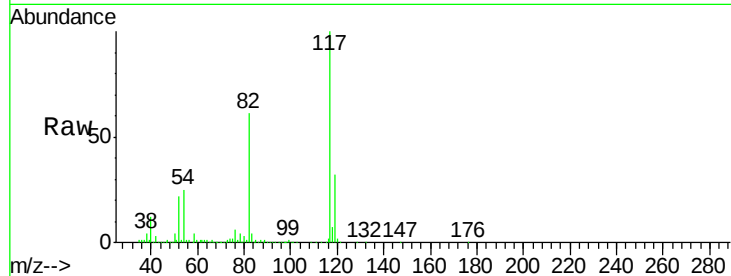




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008207.D
Acq: 19 Mar 2019 23:03

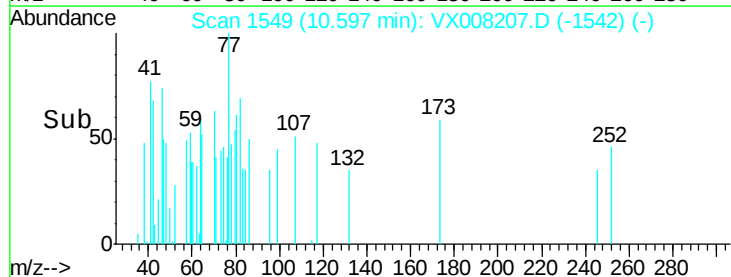
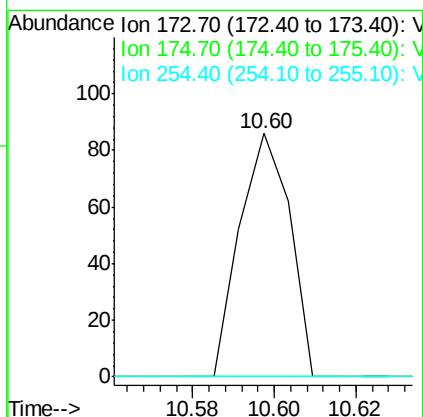
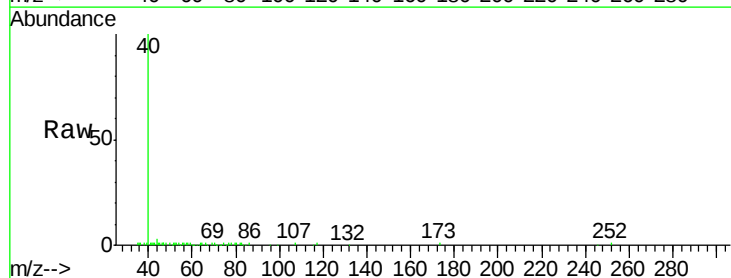
Instrument :
MSVOA_X
ClientSampleId :

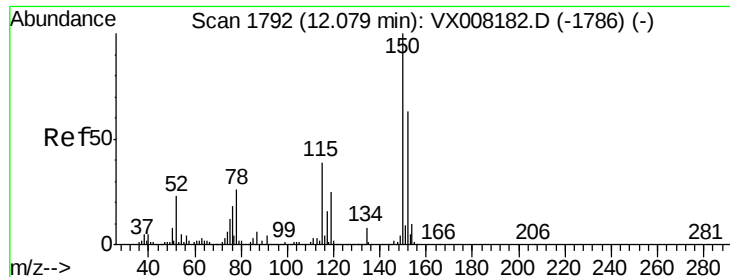
Tot Ion:117 Resp: 475745
Ion Ratio Lower Upper
117 100
82 61.1 44.3 66.5
119 31.8 25.3 37.9



#71
Bromoform
Concen: 2.222 ug/l
RT: 10.60 min Scan# 1549
Delta R.T. -0.26 min
Lab File: VX008207.D
Acq: 19 Mar 2019 23:03

Tgt Ion:173 Resp: 73
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

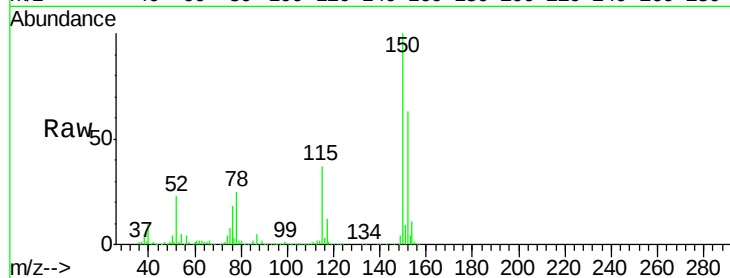
Tot Ion:152 Resp: 193786

Ion Ratio Lower Upper

152 100

115 60.0 38.6 115.7

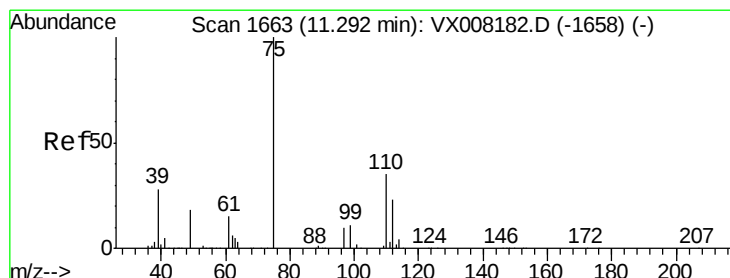
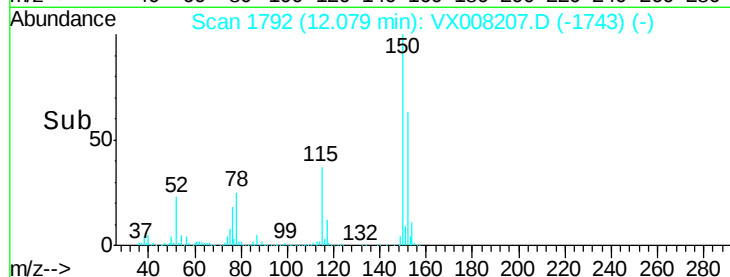
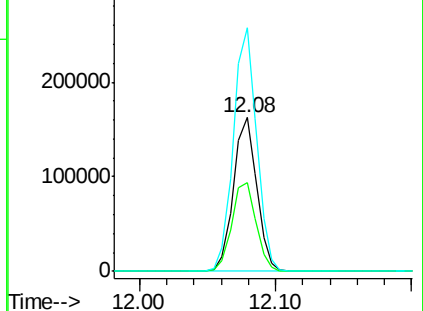
150 158.1 0.0 348.4



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: 21.095 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008207.D

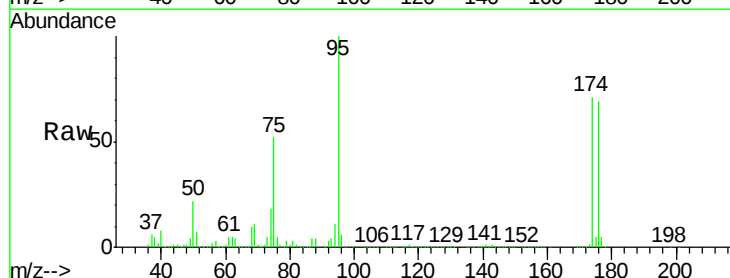
Acq: 19 Mar 2019 23:03

Tgt Ion: 75 Resp: 114977

Ion Ratio Lower Upper

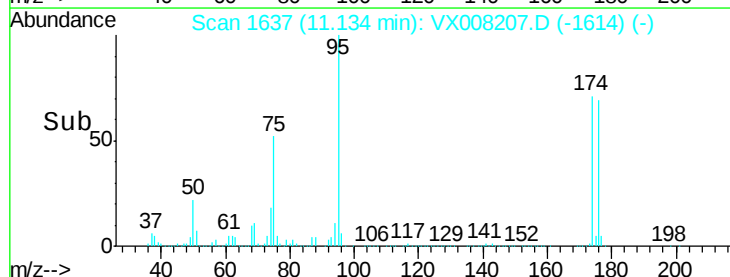
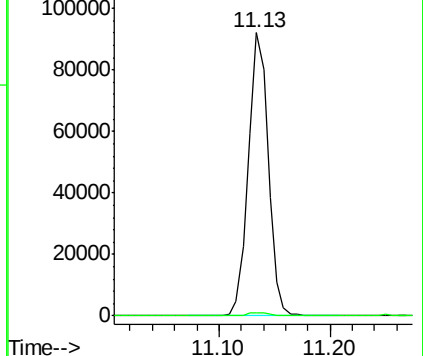
75 100

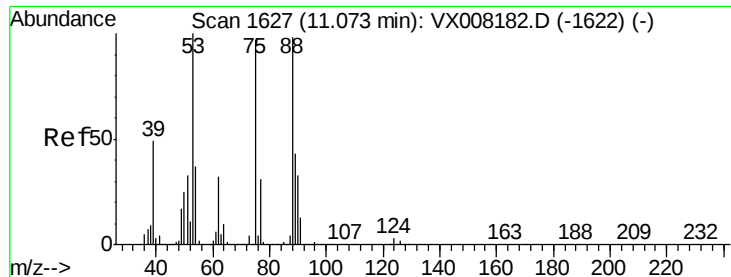
77 1.5 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

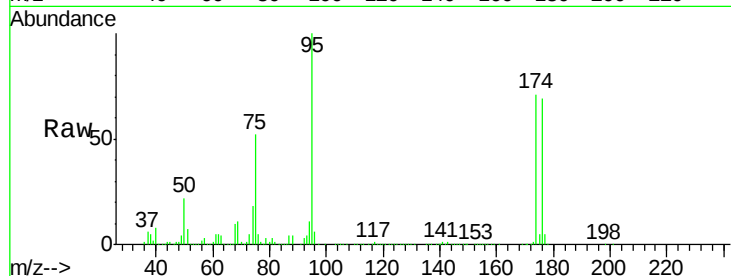
Tot Ion: 75 Resp: 114977

Ion Ratio Lower Upper

75 100

53 0.2 76.1 114.1#

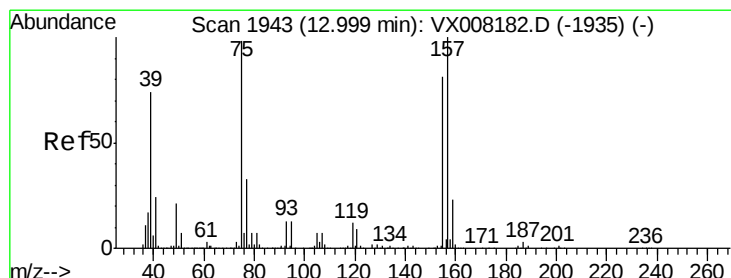
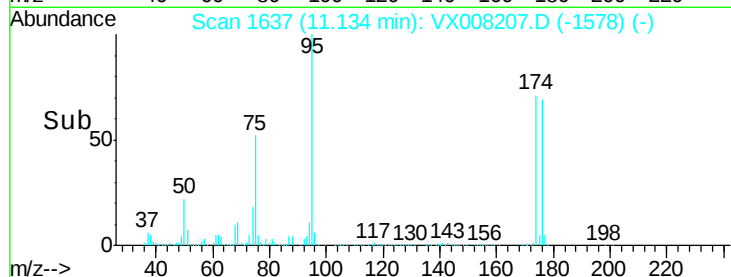
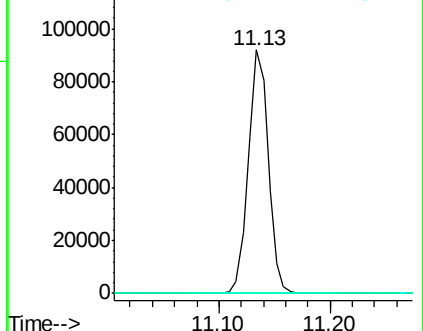
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.219 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

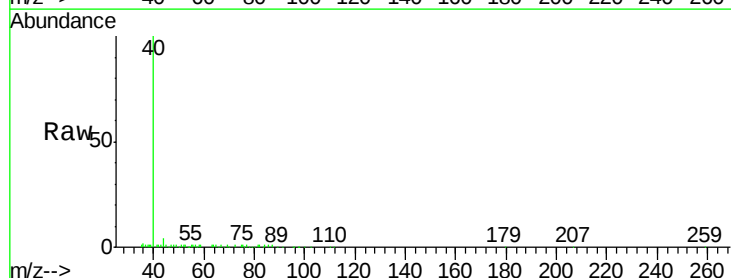
Tgt Ion: 75 Resp: 301

Ion Ratio Lower Upper

75 100

155 0.0 49.7 149.1#

157 11.0 63.8 191.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

