

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057711.D
 Acq On : 6 Sep 2019 14:56
 Operator : JC/SP
 Sample : VN0906WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBL01

Quant Time: Sep 06 23:23:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	225639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	371475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	331366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	169887	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	290128	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
35) Dibromofluoromethane	7.57	113	175354	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
50) Toluene-d8	10.08	98	657213	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.40	95	246510	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	

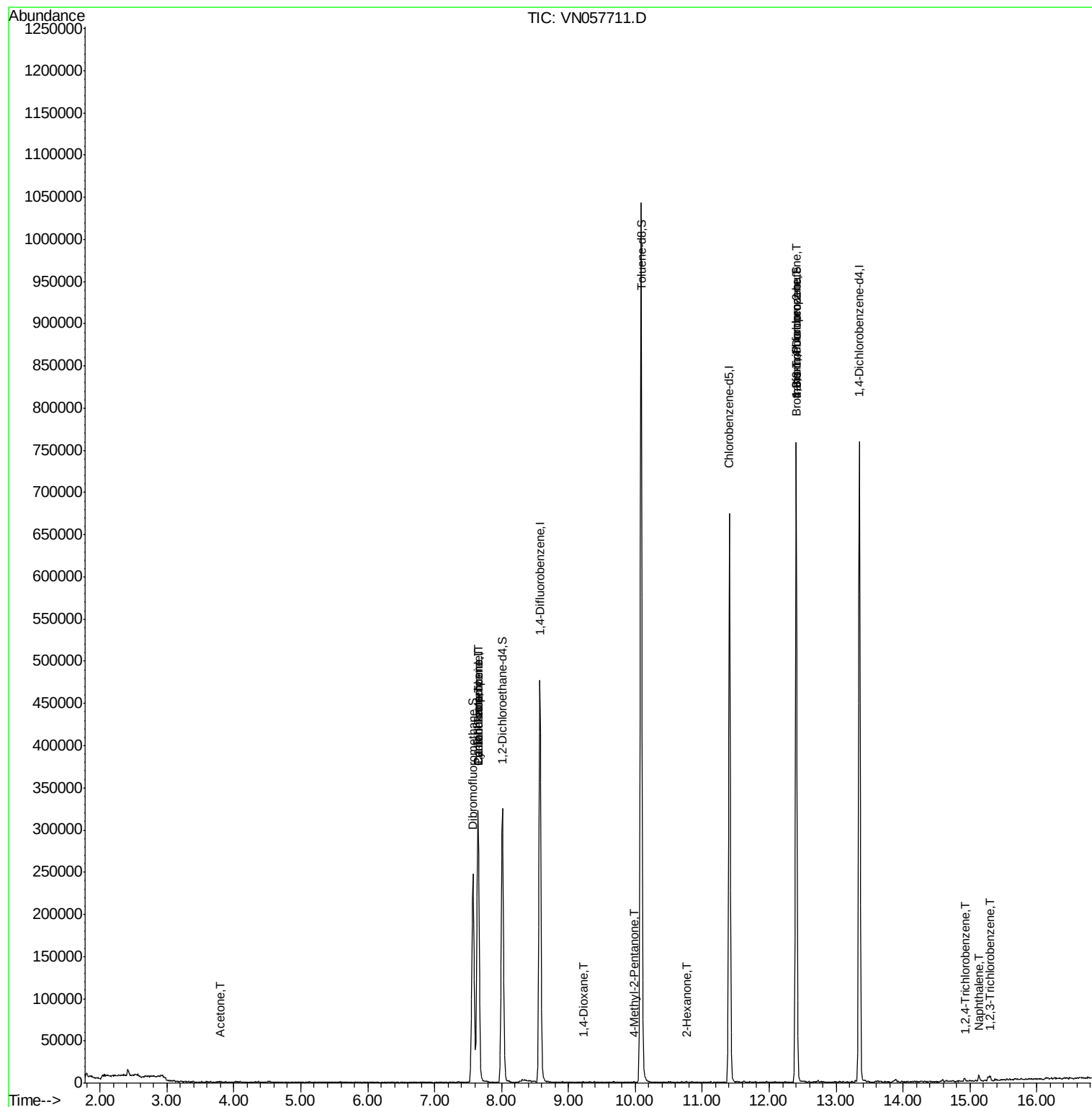
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	2080	Below Cal		90
16) Acetone	3.80	43	530	0.314	ug/l #	50
31) Cyclohexane	7.64	56	7459	1.211	ug/l #	41
36) 1,1-Dichloropropene	7.65	75	22299	4.512	ug/l #	52
38) Carbon Tetrachloride	7.65	117	26813	5.666	ug/l #	17
49) 1,4-Dioxane	9.21	88	30	0.532	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	1142	0.218	ug/l #	42
59) 2-Hexanone	10.76	43	923	0.250	ug/l #	65
71) Bromoform	12.39	173	123	3.293	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	152292	39.037	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	152292	121.405	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.92	180	1403	0.390	ug/l #	90
95) Naphthalene	15.13	128	5361	0.514	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	1789	0.519	ug/l #	84

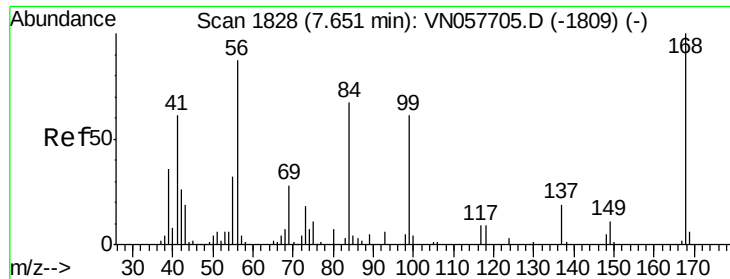
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

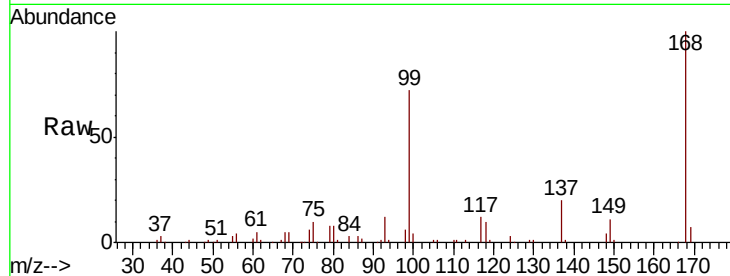
VN0906WBL01

Tgt Ion:168 Resp: 225639

Ion Ratio Lower Upper

168 100

99 72.2 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

100000

80000

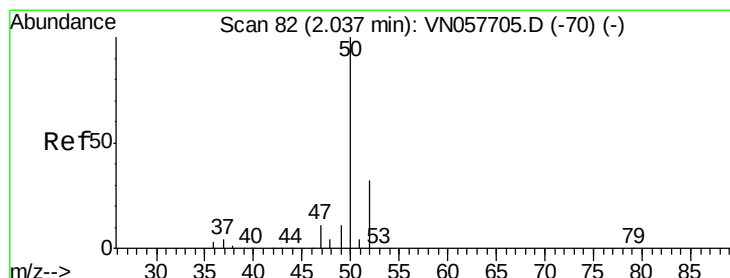
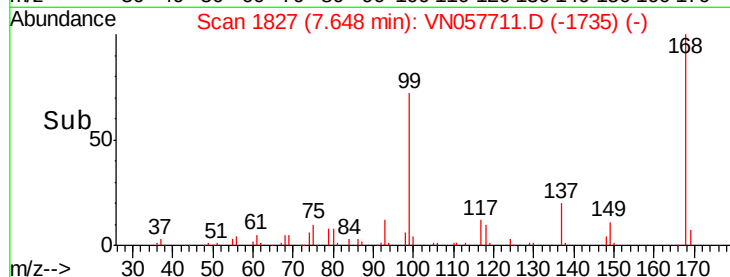
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.01 min

Lab File: VN057711.D

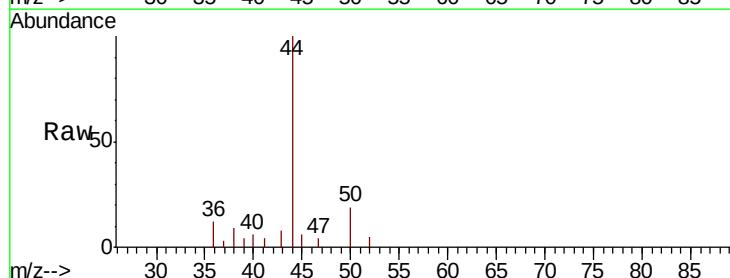
Acq: 6 Sep 2019 14:56

Tgt Ion: 50 Resp: 2080

Ion Ratio Lower Upper

50 100

52 27.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

1000

800

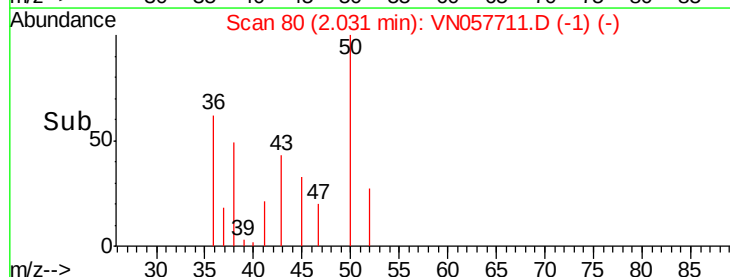
600

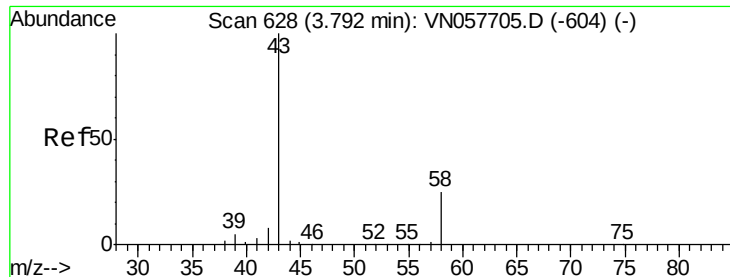
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200

0

Time-->

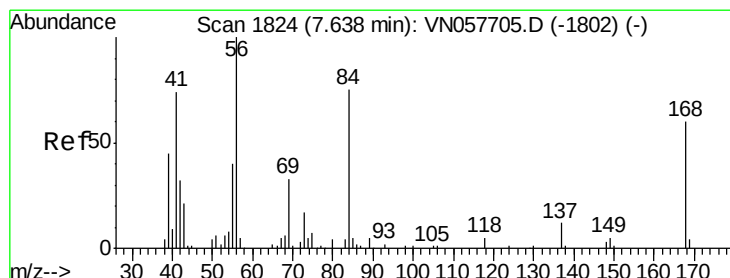
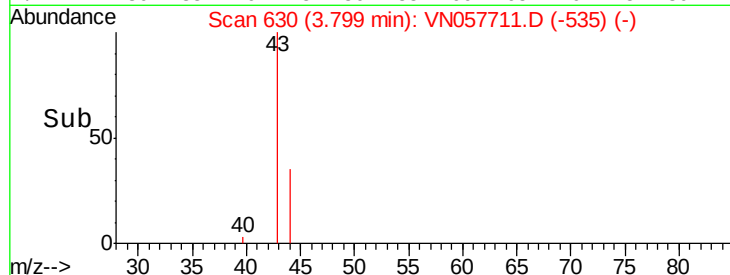
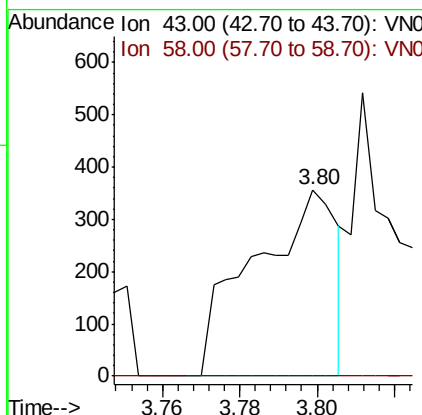
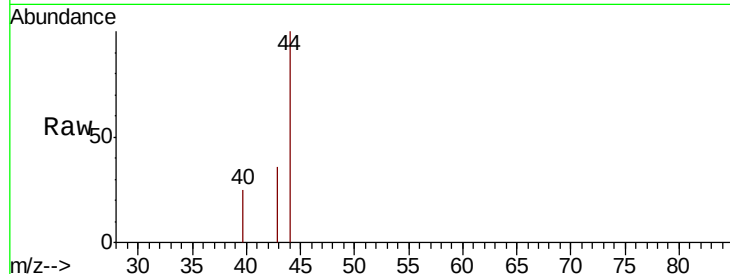




#16
Acetone
Concen: 0.314 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

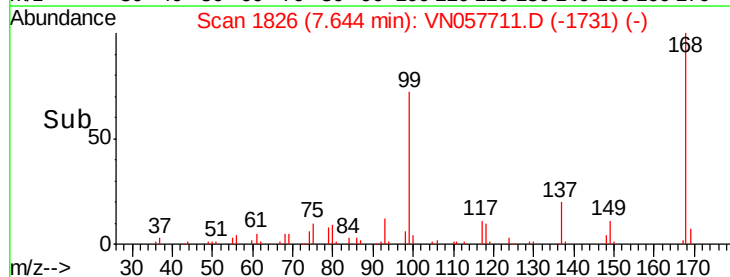
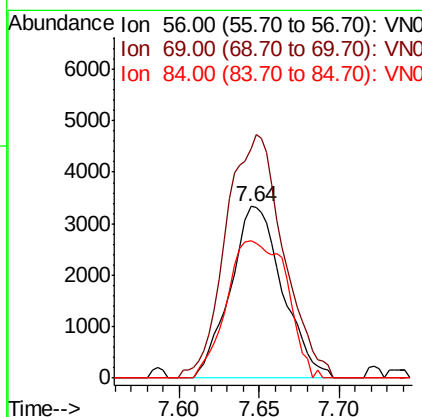
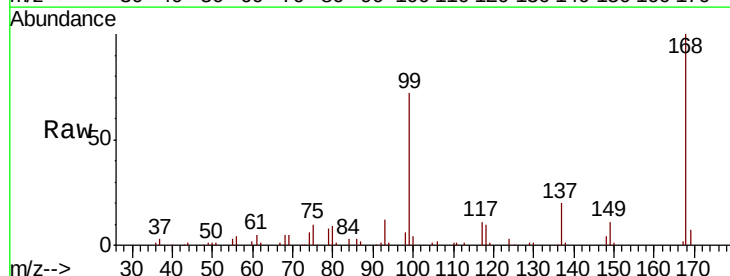
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBL01

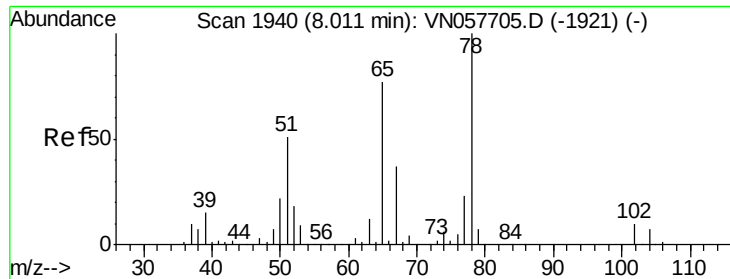
Tgt Ion: 43 Resp: 530
Ion Ratio Lower Upper
43 100
58 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

Tgt Ion: 56 Resp: 7459
Ion Ratio Lower Upper
56 100
69 134.0 26.2 39.2#
84 80.3 59.8 89.8

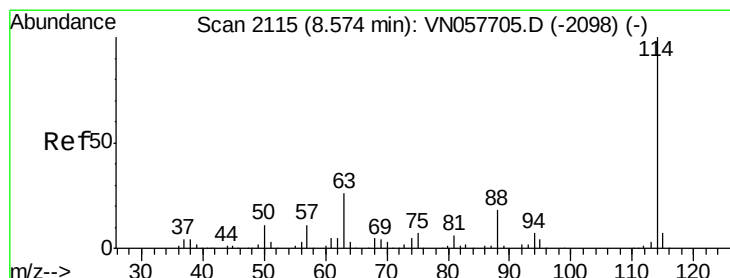
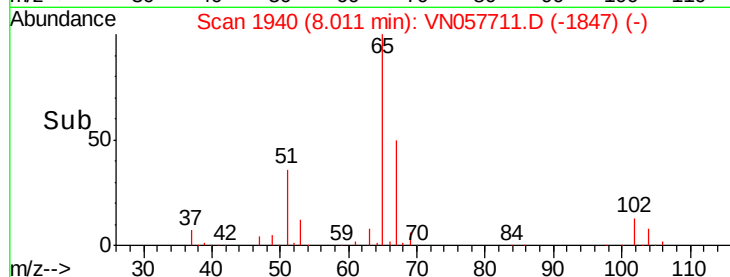
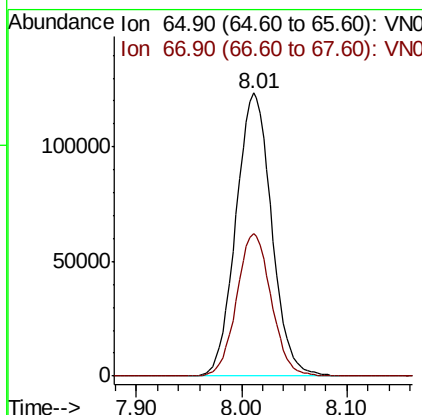
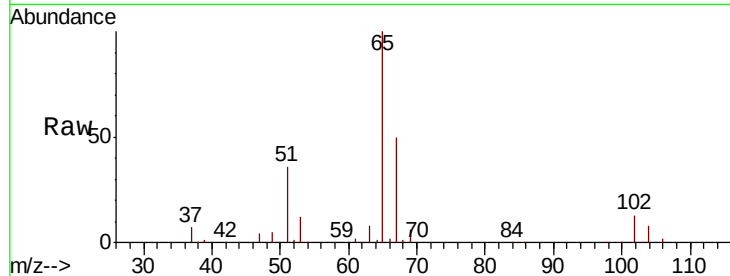




#33
 1,2-Dichloroethane-d4
 Concen: 52.855 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN057711.D
 Acq: 6 Sep 2019 14:56

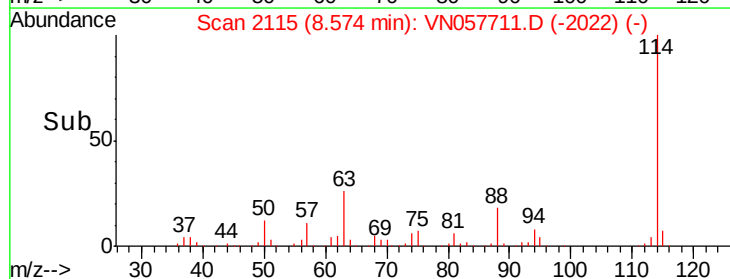
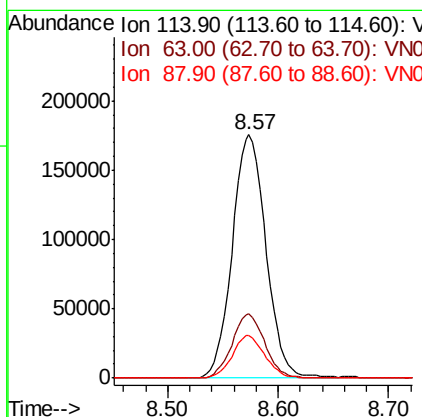
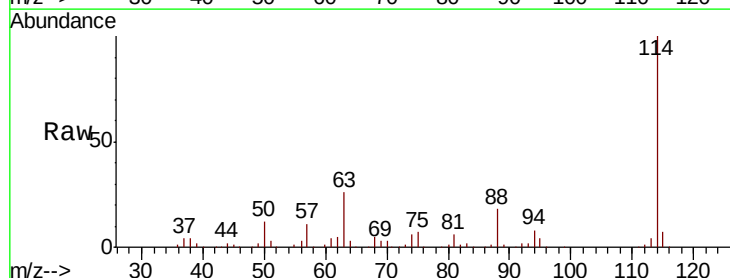
Instrument :
 MSVOA_N
 ClientSampled :
 VN0906WBL01

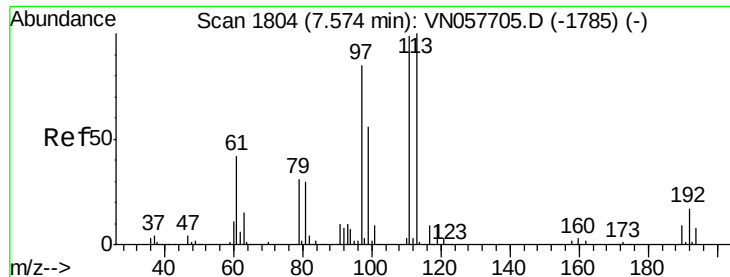
Tgt Ion: 65 Resp: 290128
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057711.D
 Acq: 6 Sep 2019 14:56

Tgt Ion: 114 Resp: 371475
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 52.4
 88 17.6 0.0 35.4

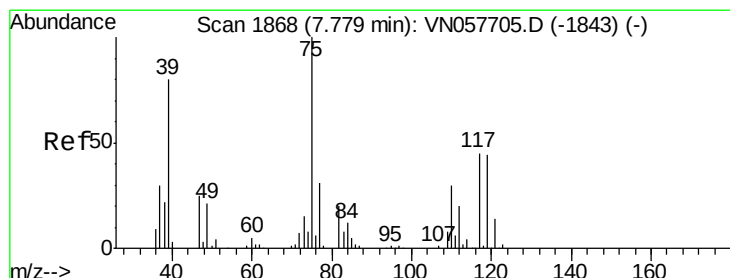
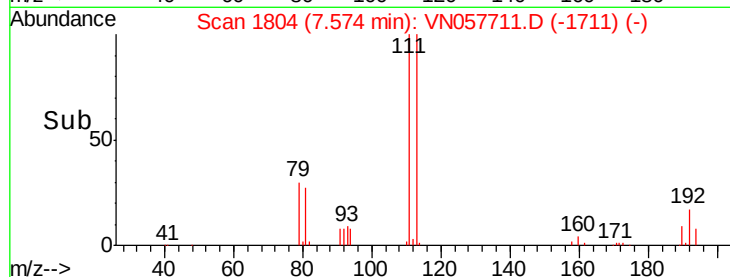
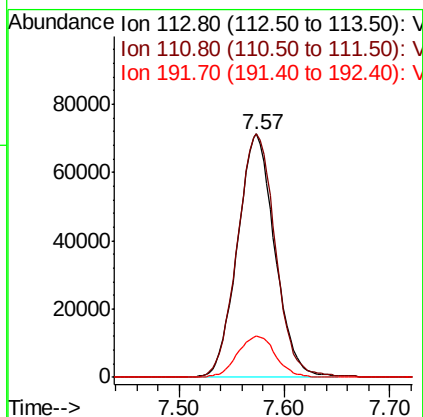
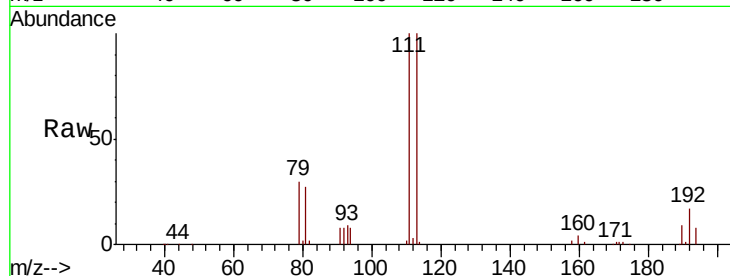




#35
 Dibromofluoromethane
 Concen: 51.825 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057711.D
 Acq: 6 Sep 2019 14:56

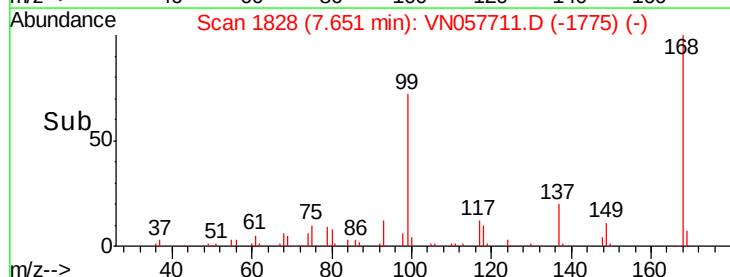
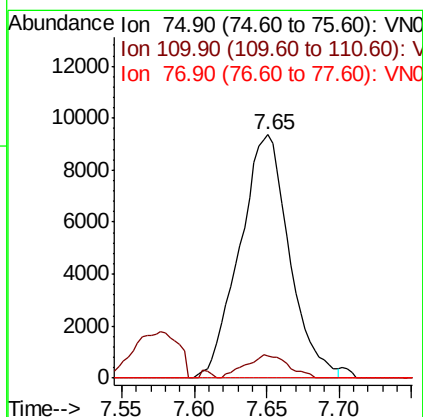
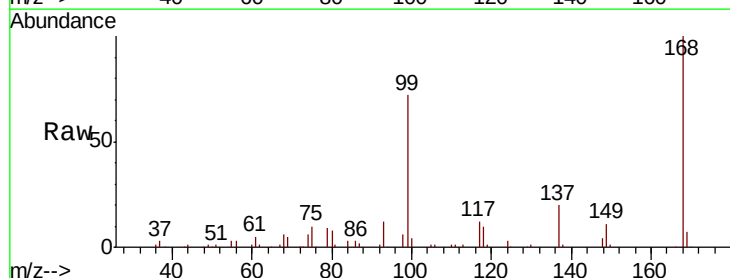
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBL01

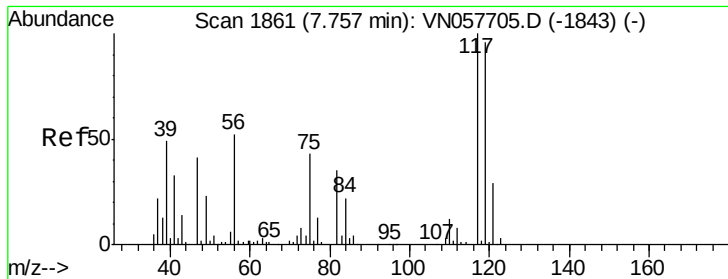
Tgt Ion: 113 Resp: 175354
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.7 124.1
 192 17.3 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 4.512 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057711.D
 Acq: 6 Sep 2019 14:56

Tgt Ion: 75 Resp: 22299
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.0 45.0#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.666 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

VN0906WBL01

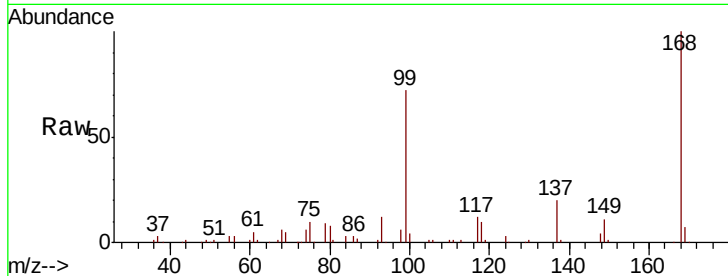
Tgt Ion: 117 Resp: 26813

Ion Ratio Lower Upper

117 100

119 6.4 76.1 114.1#

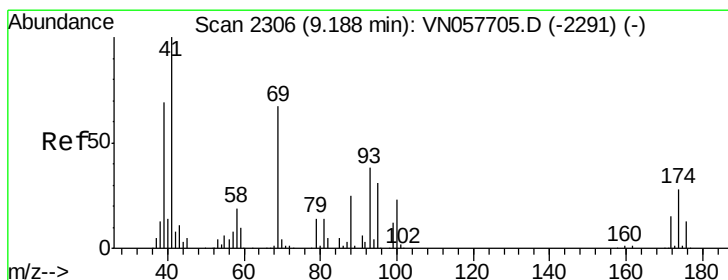
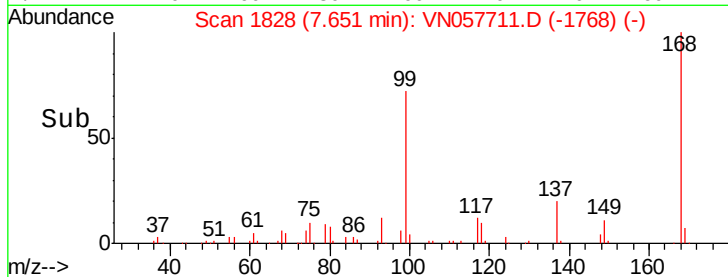
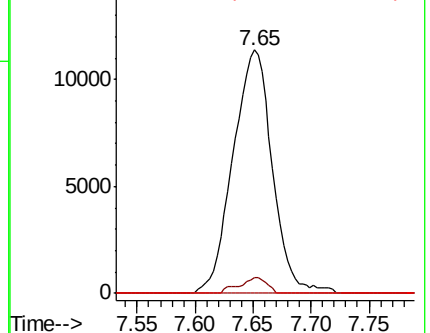
121 0.0 23.4 35.2#



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



#49

1,4-Dioxane

Concen: 0.532 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.02 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

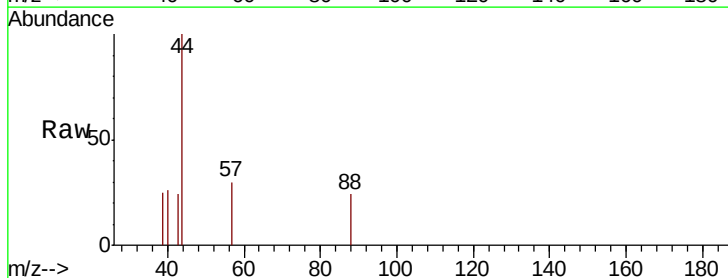
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 900.0 35.4 53.2#

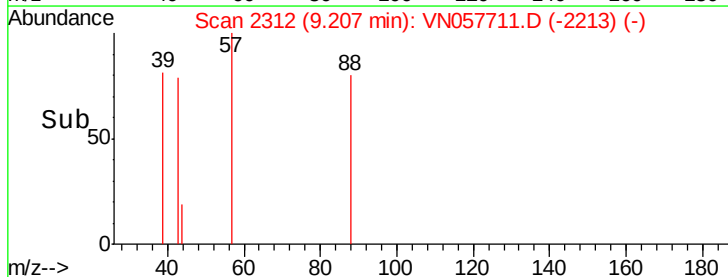
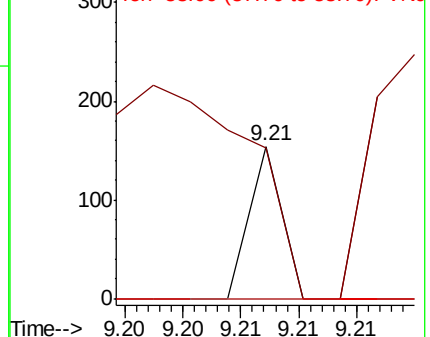
58 0.0 61.5 92.3#

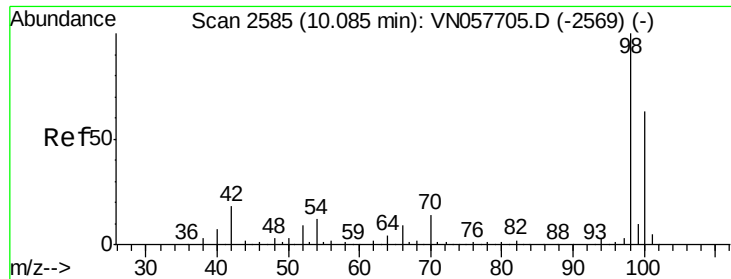


Abundance Ion 88.00 (87.70 to 88.70): V

Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V





#50

Toluene-d8

Concen: 52.507 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

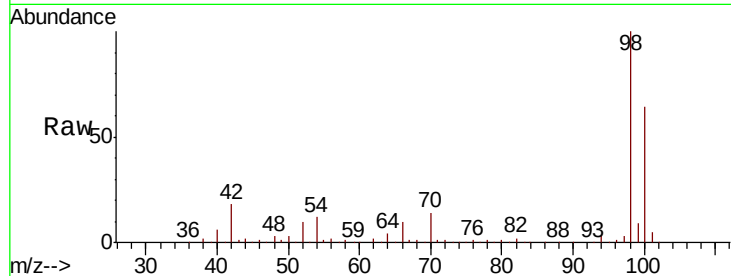
VN0906WBL01

Tgt Ion: 98 Resp: 657213

Ion Ratio Lower Upper

98 100

100 64.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

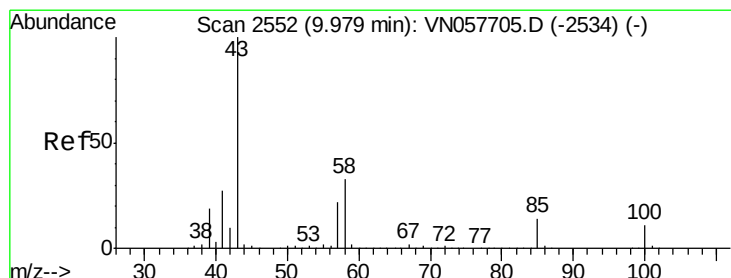
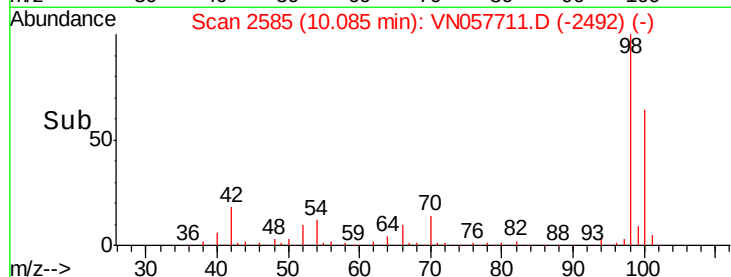
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.218 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057711.D

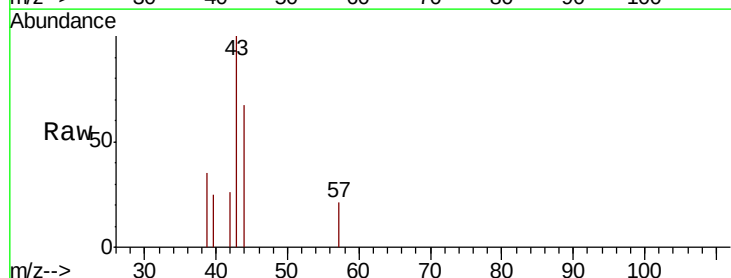
Acq: 6 Sep 2019 14:56

Tgt Ion: 43 Resp: 1142

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

800

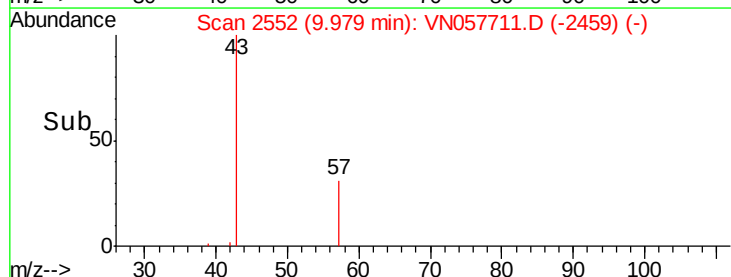
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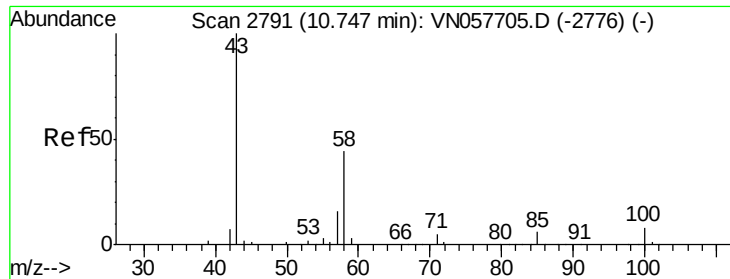
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200

0

Time-->

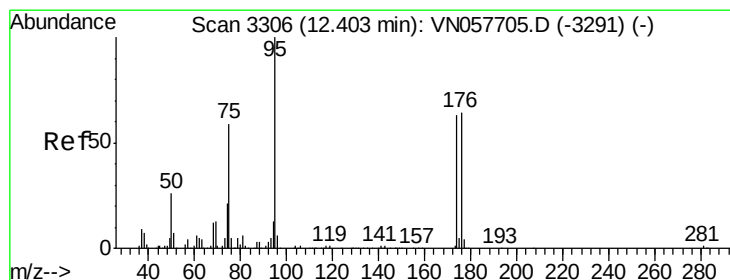
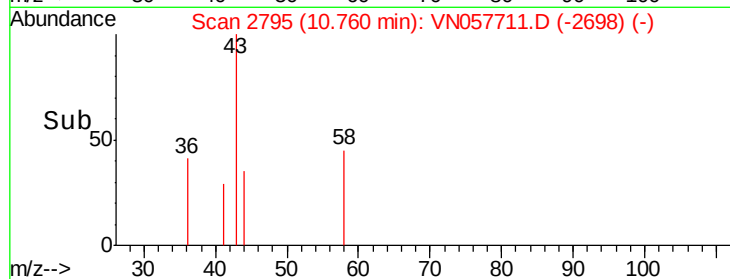
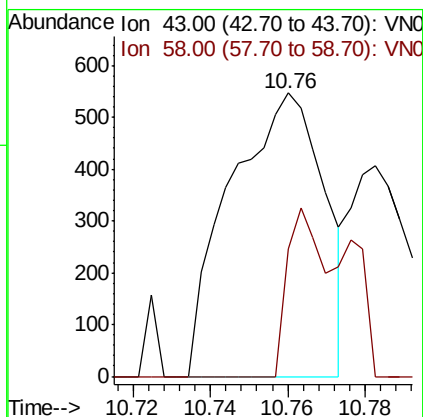
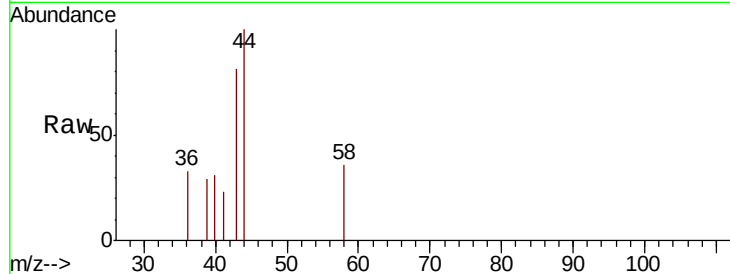




#59
2-Hexanone
Concen: 0.250 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

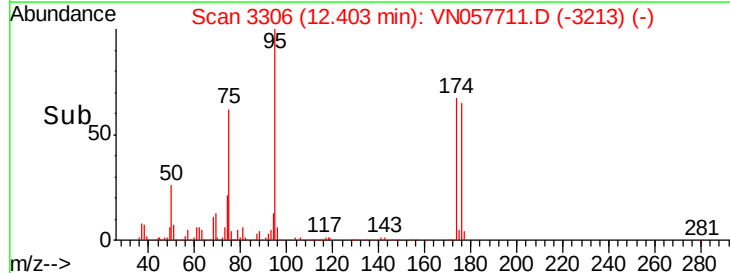
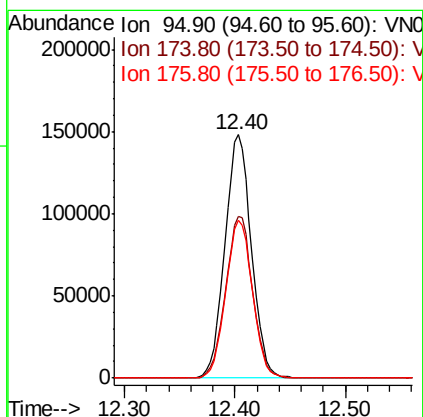
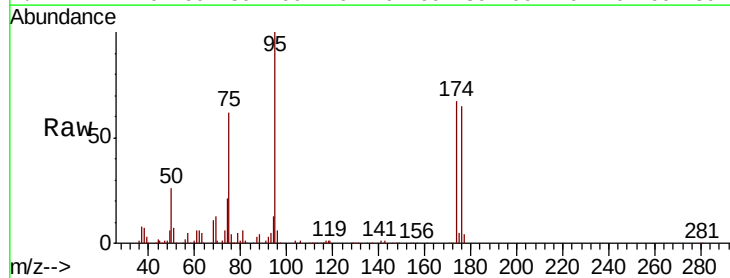
Instrument :
MSVOA_N
ClientSampled :
VN0906WBL01

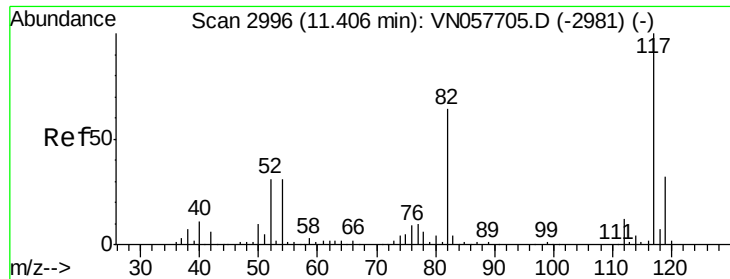
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 21.7 22.1 66.5#



#62
4-Bromofluorobenzene
Concen: 47.416 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

Tgt Ion: 95 Resp: 246510
Ion Ratio Lower Upper
95 100
174 67.6 0.0 128.0
176 65.6 0.0 128.0

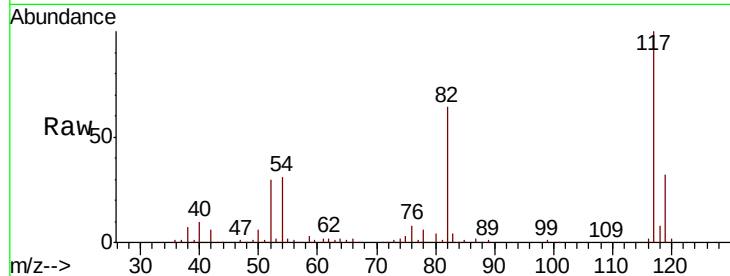




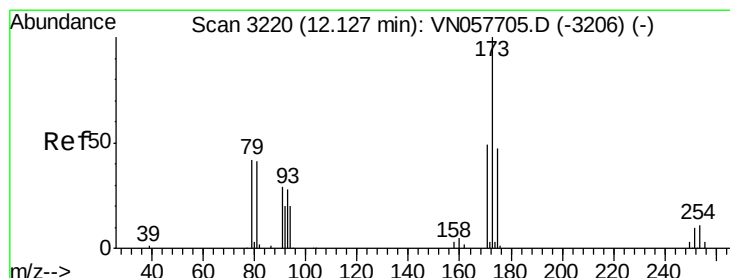
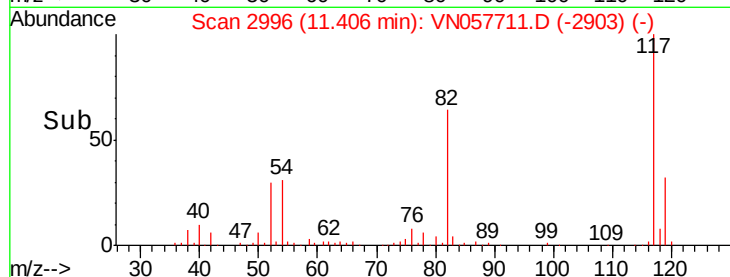
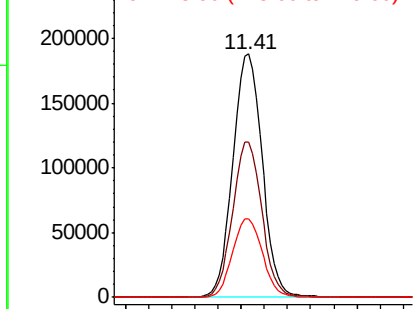
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBL01

Tgt Ion:117 Resp: 331366
Ion Ratio Lower Upper
117 100
82 63.6 51.4 77.0
119 32.3 25.4 38.2

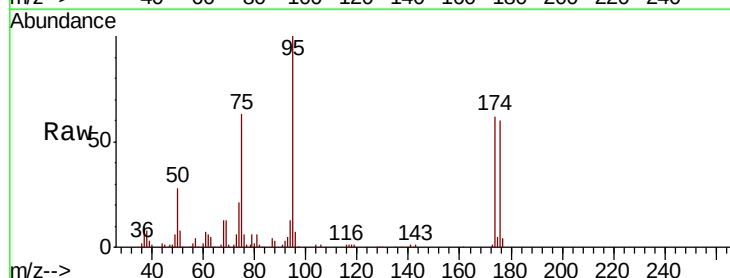


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

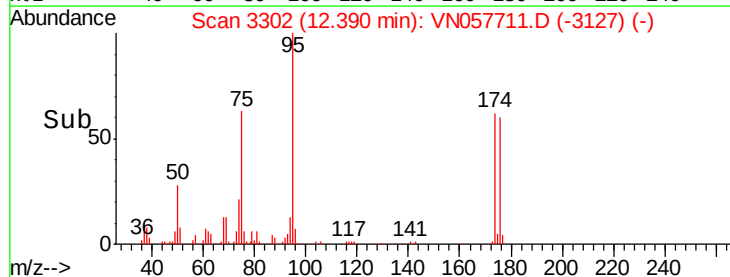
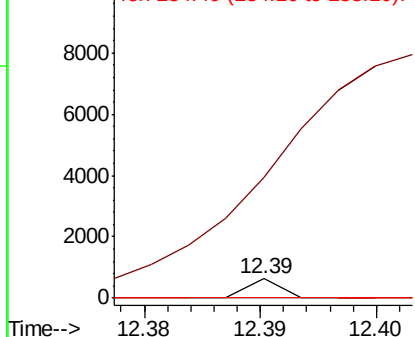


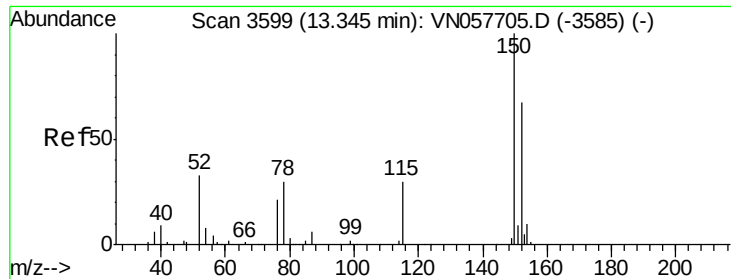
#71
Bromoform
Concen: 3.293 ug/l
RT: 12.39 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

Tgt Ion:173 Resp: 123
Ion Ratio Lower Upper
173 100
175 9086.2 24.6 73.8#
254 0.0 0.0 0.0



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

VN0906WBL01

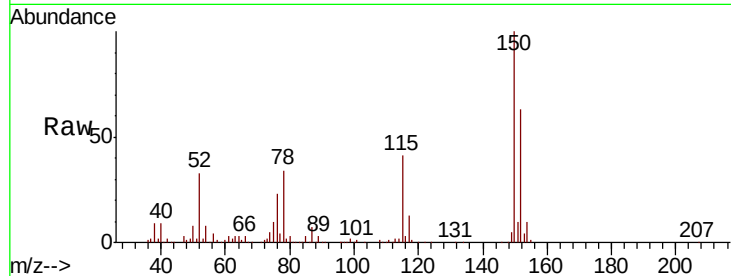
Tgt Ion:152 Resp: 169887

Ion Ratio Lower Upper

152 100

115 64.8 33.8 101.3

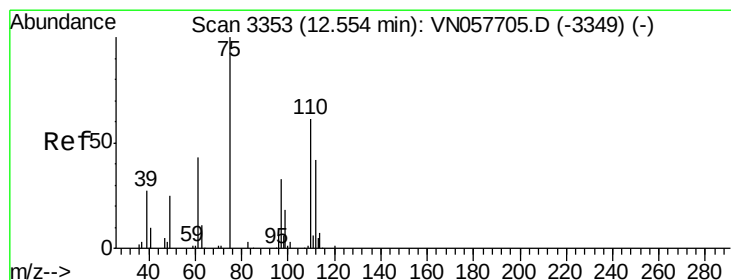
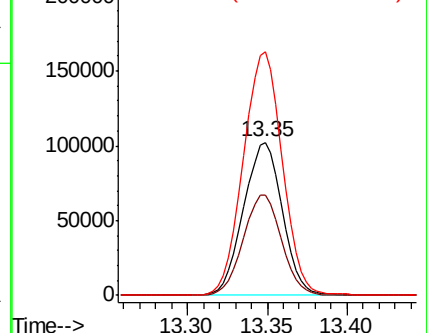
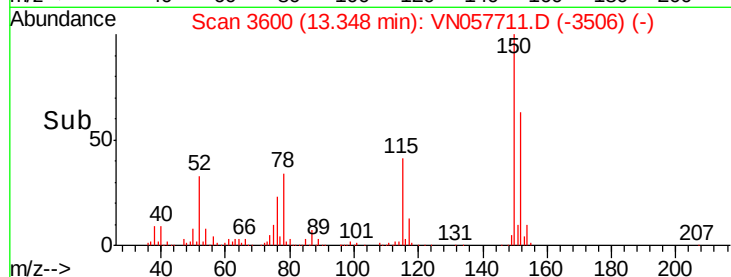
150 159.7 0.0 345.4



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: 39.037 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057711.D

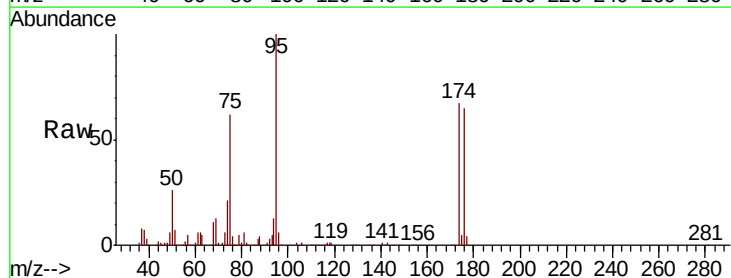
Acq: 6 Sep 2019 14:56

Tgt Ion: 75 Resp: 152292

Ion Ratio Lower Upper

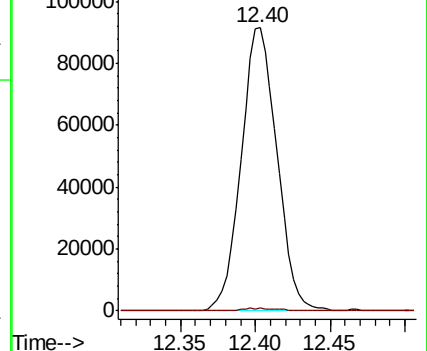
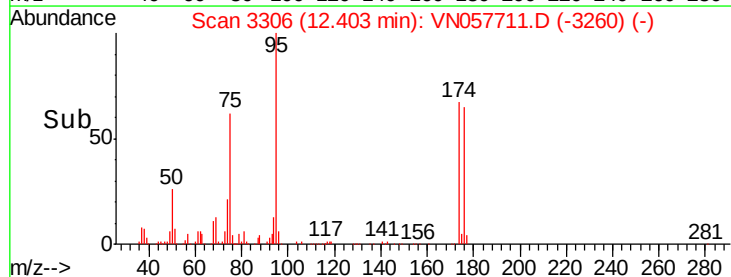
75 100

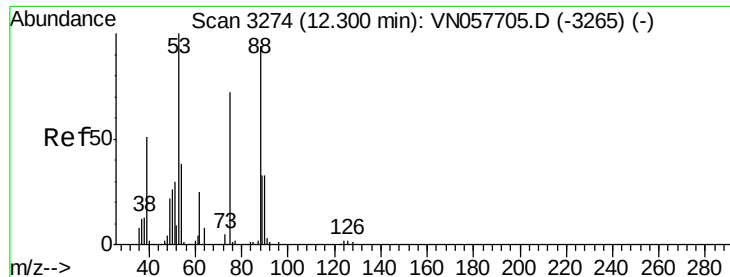
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

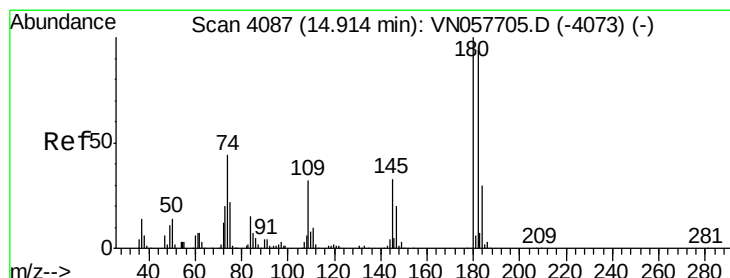
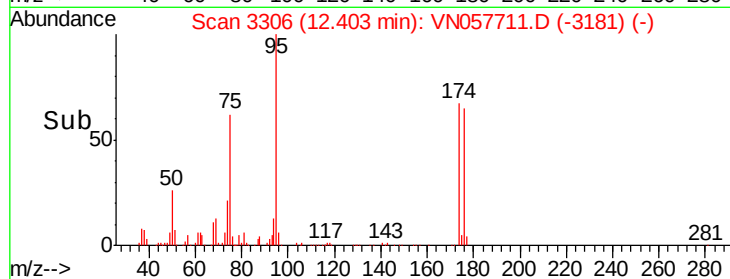
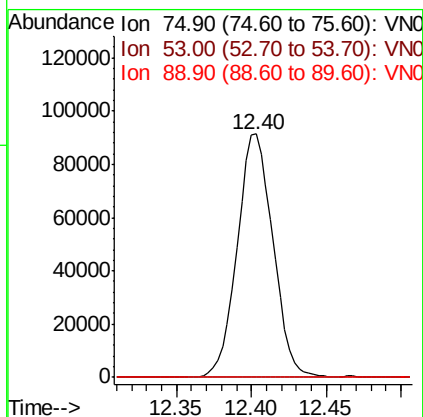
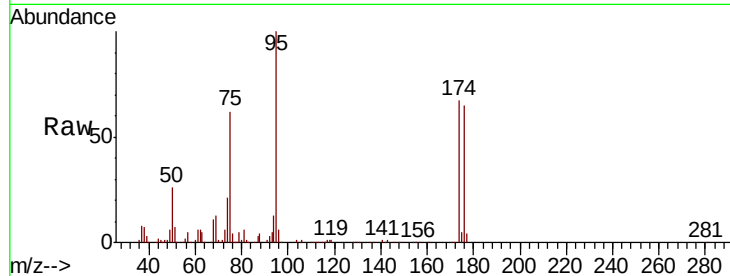




#81
trans-1,4-Dichloro-2-butene
Concen: 121.405 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

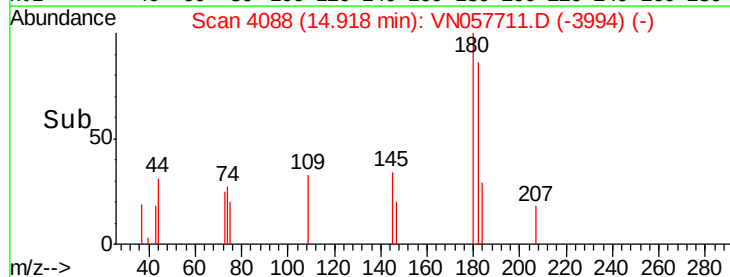
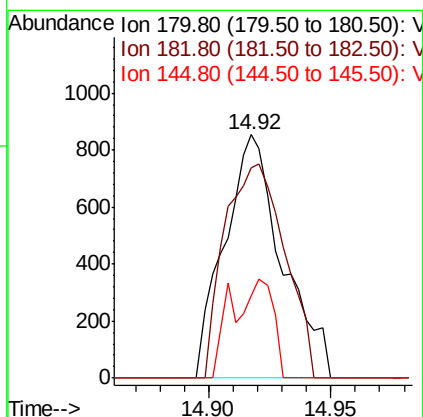
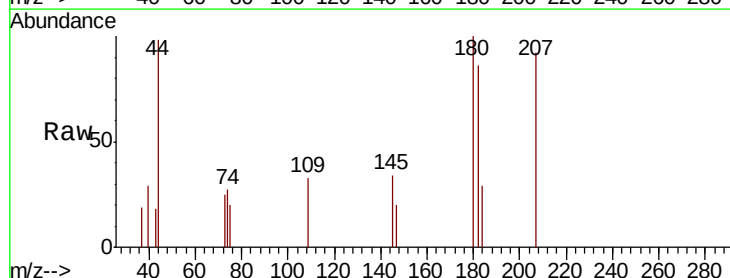
Instrument :
MSVOA_N
ClientSampled :
VN0906WBL01

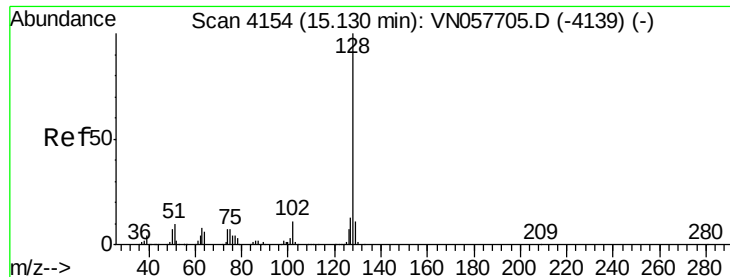
Tgt Ion: 75 Resp: 152292
Ion Ratio Lower Upper
75 100
53 0.0 107.0 160.6#
89 0.0 36.5 54.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.390 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN057711.D
Acq: 6 Sep 2019 14:56

Tgt Ion: 180 Resp: 1403
Ion Ratio Lower Upper
180 100
182 92.1 47.6 142.9
145 16.3 16.6 49.7#





#95

Naphthalene

Concen: 0.514 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBL01

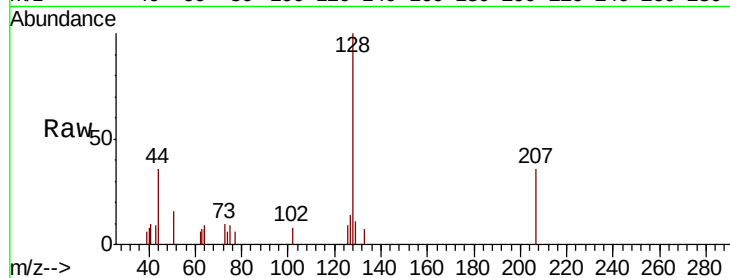
Tgt Ion:128 Resp: 5361

Ion Ratio Lower Upper

128 100

127 14.0 10.6 15.8

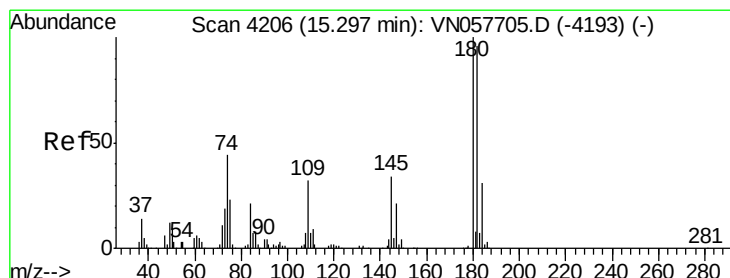
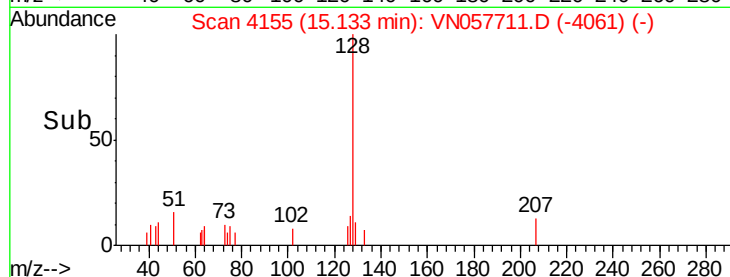
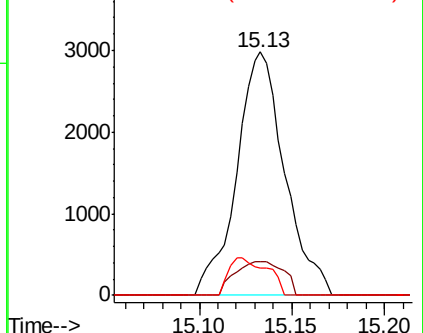
129 12.3 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.519 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.01 min

Lab File: VN057711.D

Acq: 6 Sep 2019 14:56

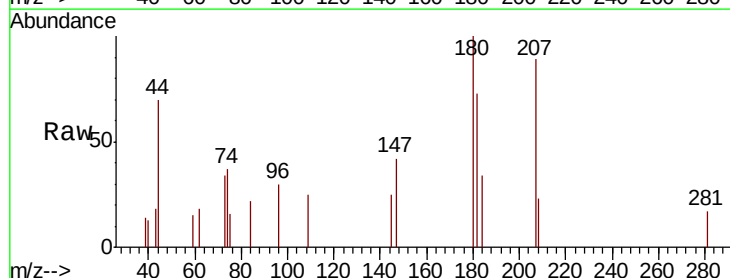
Tgt Ion:180 Resp: 1789

Ion Ratio Lower Upper

180 100

182 89.4 47.0 141.2

145 8.7 17.5 52.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

